WLP 8 - 2017

Supersedes all previous versions

LIST PRICES

August 2017

All products, except surface coils and parts, are shipped F.O.B. point of shipment with full freight allowed on single orders with a net price value of $7,000 or more, within the continental USA (excluding Alaska and Hawaii). Buyer will bear all additional costs for special routing or handling requests. **See page 36 additional freight instructions.**

Page

Reach-In Unit Coolers:
ASLA / ASLE 2
Slim-Temp 2
Wedge-Temp 3
Flex-Temp 3
Mullion-Temp 3
T-Temp 4
Twin-Temp 4
Mini-Twin-Temp 4
Wall-Temp 5

Walk-In Unit Coolers:
Next-Gen All-Temp Low Profile Evaporators 5, 6, 7
Legacy Super-Flo Low Profile Evaporators 8, 9, 10
Inter-Flo Medium Profile Evaporators 11, 12
Easy-Flo Low Air Velocity Evaporators ..... See WWF Supplemental Price Sheet
Dual-Flo Dual Air / Low Height Evaporators 13
Polar-Flo High Profile Warehouse Evaporators 13,14, 15, 16, 17
Surveillant Demand Defrost Evaporator Control 18

Condensing Units:
Pricing Examples 18
System Accessories (TXV, LLS, T-Stat, Surveillant, Heat Exchangers) 18
1/2 thru 6 H.P. Next-Gen and Proline Air-Cooled
Scroll, Hermetic and Semi-Hermetic Compressor models 19, 20, 21
NEXT-GEN II 3 thru 22 HP Cond. Units - Discus™, Scroll™ and Bitzer 22, 23, 24
NEXT-GEN II 3 thru 22 HP Cond. Units - Electric Defrost Kits 24
NEXT-GEN II 3 thru 22 HP Cond. Units - Options 25
20 thru 80 H.P. "WV" Series Condensing Units 26, 27, 28, 29
Electric Defrost Kits (See pg 24 for Next-Gen II ED-Kits) 30, 31
1/2 thru 5 H.P. GW Series Water-Cooled 32
3 thru 40 H.P. WRW Series Water-Cooled 33
Water Cooled & Remote Scroll Compressor Units 34
3 thru 40 H.P. WRN Series Remote Compressor 35

Freight Surcharges 36
APEX Self Contained Units 37

Air Cooled Condensers:
Air Cooled Condener Nomenclature 38
Small Condensers and Small Condenser Options 39
Quantum Air™ Large Condensers - 1140 RPM 1-1/2 HP 40
Quantum Air™ Large Condensers - 850 RPM 1-1/2 HP 40
Quantum Air™ Large Condensers - 850 RPM 1 HP 41
Quantum Air™ Large Condensers - 550 RPM 1/3 HP 41
Quantum Air™ Large Condensers - 1200 AND 900 RPM VSEC Motors 42
Quantum Air™ Large Condenser Options 43

Due to ongoing product development, specification and prices are subject to change without notice.

TELEPHONE (256) 259-7400
FAX ORDER HOTLINE (256) 259-7478
Call or email us for help with replacement parts at: **parts@htpgusa.com**
Visit us on the Web at **http://witt.htpgusa.com**

ASL SPECIAL UNIT COOLERS

COOLER APPLICATION - AIR DEFROST											
AIR DEFROST MODEL NUMBER	EC MOTORS	PSC MOTORS	SP MOTORS	BAKED EPOXY COATED CORE MODEL NO.	BAKED EPOXY COIL w/ ECM	BAKED EPOXY COIL w/ PSC	BAKED EPOXY COIL w/ SP	DIMENSIONS			APROX. SHIP WT. (LBS.)
	115 or 230V	115V only	115 or 230V		115 or 230V	115V only	115 or 230V	HT (IN)	LT (IN)	DP (IN)	
ASLA 25-48	$3,029	$2,240	$2,137	ASLA 25-48RP	$4,052	$3,362	$3,007	9-3/16	46-3/16	19-3/16	83
ASLA 25-61	3,118	2,563	2,185	ASLA 25-61RP	4,113	3,407	3,085	9-3/16	56-3/16	19-3/16	105
ASLA 35-73	3,343	2,612	2,235	ASLA 35-73RP	4,429	3,574	3,134	9-3/16	69-3/16	19-3/16	125
ASLA 45-98	4,015	3,085	2,606	ASLA 45-98RP	5,047	4,012	3,607	9-3/16	92-3/16	19-3/16	151
ASLA 55-122	4,707	3,564	2,975	ASLA 55-122RP	5,745	4,505	4,045	9-3/16	115-3/16	19-3/16	185
ASLA 65-158	5,349	3,999	3,305	ASLA 65-158RP	6,461	5,010	4,463	9-3/16	138-3/16	19-3/16	222

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See example below.
230V PSC motors are not available for ASLA or ASLE models



For normal and low temperature glass display and solid door uprights, walk-ins salad boxes and back bars from 4,600 to 15,800 BTUH.

FREEZER APPLICATION - ELECTRIC DEFROST					
ELECTRIC DEFROST MODEL NUMBER	230V EC MOTORS 230V1 HEATERS	230V/1 SP MOTORS 230V1 HEATERS	DIMENSIONS			APROX. SHIP WT. (LBS.)
			HT (IN)	LT (IN)	DP (IN)	
ASLE 25-46	$3,240	$2,410	9-3/16	46-3/16	19-3/16	83
ASLE 25-58	$3,391	2,481	9-3/16	56-3/16	19-3/16	105
ASLE 35-70	$3,645	2,597	9-3/16	69-3/16	19-3/16	125
ASLE 45-94	$4,372	3,242	9-3/16	92-3/16	19-3/16	151
ASLE 55-117	$5,089	3,986	9-3/16	115-3/16	19-3/16	185
ASLE 65-150	$5,773	4,348	9-3/16	138-3/16	19-3/16	222

$306 List adder for adjustable termination/fan delay control in lieu of a fixed controls.
230V PSC motors are not available for ASLA or ASLE models

SLIM TEMP UNIT COOLERS

Space saving design for reach-ins, salad bars, back bars, etc. from 900 to 7,000 BTUH.



COOLER APPLICATION								
MODEL NUMBER	UNCOATED CORE		BAKED EPOXY CORE MODEL NO.	BAKED EPOXY COIL		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V		115V	230V	HT (IN)	LT (IN)	DP (IN)	
SLA 17-10	$638	$667	SLA 17-10RP	$702	$738	4-3/4	16-1/2	13-1/2	15
SLA 17-13	821	883	SLA 17-13RP	884	947	4-3/4	20-1/2	13-1/2	18
SLA 27-17	963	1033	SLA 27-17RP	1,010	1,079	4-3/4	24	14-1/2	22
SLA 27-23	1,201	1,256	SLA 27-23RP	1,288	1,346	4-3/4	31-1/2	14-1/2	29
SLA 37-30	1,470	1,593	SLA 37-30RP	1,588	1,698	4-3/4	40	14-1/2	37
SLA 47-40	2,003	2,161	SLA 47-40RP	2,135	2,284	4-3/4	53-1/2	14-1/2	45
SLA 57-50	2,590	2,764	SLA 57-50RP	2,748	2,917	6-3/4	53-1/2	14-1/2	61

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. **No EC or PSC motors for SLA models.**

FREEZER APPLICATION - ELECTRIC DEFROST								
MODEL NUMBER	SINGLE SPEED EC MOTORS		SHADED POLE MOTORS		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V	115V	230V	HT (IN)	LT (IN)	DP (IN)	
SLE 15-9	N/A	N/A	$1,054	$1,054	4-3/4	16-1/2	13-1/2	16
SLE 15-12	N/A	N/A	1,267	1,267	4-3/4	20-1/2	13-1/2	19
SLE 25-16	N/A	N/A	1,582	1,582	4-3/4	24	14-1/2	23
SLE 25-21	$2,913	$2,913	1,788	1,788	6-3/4	24	15-1/2	31
SLE 25-28	3,299	3,299	2,208	2,208	6-3/4	31-1/2	15-1/2	39
SLE 35-36	4,139	4,139	2,487	2,487	6-3/4	38-1/2	15-1/2	48
SLE 45-54	5,626	5,626	3,445	3,445	6-3/4	48-1/4	16-1/2	70
SLE 35-70	N/A	6,044	N/A	4,340	6-3/4	76-1/2	20-1/2	105

Reach-In Nomenclature

ASL A 4 5 - 98 - D E

- Product Line: ASL
- Defrost Type: **A** = Air Defrost, **E** = Electric Defrost
- Fan Quantity: 4
- Fin Spacing: 5
- Capacities: 98
- Voltage Code: **A** = 115/1, **D** = 230/1
- Motor Type: **P** = PSC, **E** = ECM, **S** = Shaded Pole

Specify voltage when ordering.
$306 List adder for adjustable termination/fan delay control in lieu of a fixed controls. controls on defrost models.
$45 List adder for 3-prong electrical connector.
ECM = Electronically Commutated Motors
PSC = Permanent Split Capacitor
SP = Shaded Pole

WEDGE TEMP - CEILING MOUNTED UNIT COOLERS

Designed for reach-ins, beverage coolers and back bars from 1,200 to 5,500 BTU/HR



COOLER APPLICATION

MODEL NUMBER	UNCOATED CORE Single speed ECM		UNCOATED CORE SHADED POLE		BAKED EPOXY CORE	BAKED EPOXY CORE Single speed ECM		BAKED EPOXY CORE SHADED POLE		DIMENSIONS			APROX. SHIP WT.
	115V	230V	115V	230V	MODEL NO.	115V	230V	115V	230V	HT (IN)	LT (IN)	DP (IN)	(LBS.)
WE17-12	$1,371	$1,386	$814	$830	WE17-12RP	$1,423	$1,467	$873	$916	8-5/16	15-1/4	15-7/8	16
WE17-15	1,380	1,410	832	862	WE17-15RP	1,465	1,510	908	953	8-5/16	15-1/4	15-7/8	19
WE17-18	1,404	1,447	859	902	WE17-18RP	1,483	1,547	930	993	8-5/16	17-3/4	15-7/8	22
WE17-25	1,563	1,606	1,006	1,049	WE17-25RP	1,629	1,703	1,069	1,143	8-5/16	19-7/8	16-7/8	29
WE17-35	1,778	1,924	1,240	1,386	WE17-35RP	2,028	2,115	1,471	1,559	9-1/2	22-7/8	17-7/8	36
WE17-45	2,095	2,196	1,560	1,661	WE17-45RP	2,449	2,611	1,895	2,057	9-5/8	26-3/4	20-1/2	57
WE18-55	2,666	2,769	2,098	2,201	WE18-55RP	2,960	3,065	2,392	2,497	9-5/8	26-3/4	20-1/2	65

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

$45 List adder for 3-prong electrical connector.

FLEX TEMP LIMITED SPACE UNIT COOLERS

Designed for limited space, reach-ins, back bars, and beverage coolers, 600 to 3,100 BTU/HR.



COOLER APPLICATION

MODEL NUMBER	UNCOATED CORE Single speed ECM		UNCOATED CORE SHADED POLE		BAKED EPOXY CORE	BAKED EPOXY CORE Single speed ECM		BAKED EPOXY CORE SHADED POLE		DIMENSIONS			APROX. SHIP WT.
	115V	230V	115V	230V	MODEL NO.	115V	230V	115V	230V	HT (IN)	LT (IN)	DP (IN)	(LBS.)
FT18-6	N/A	N/A	$612	$633	FT18-6RP	N/A	N/A	$639	$654	6-3/4	12-1/2	9	9
FT18-8	N/A	N/A	662	684	FT18-8RP	N/A	N/A	688	704	6-3/4	12-1/2	9	9
FT28-12	N/A	N/A	754	822	FT28-12RP	N/A	N/A	836	918	7-3/4	18	9	14
FT18-17	$1,410	$1,485	859	934	FT18-17RP	$1,498	$1,573	956	1,038	9-5/8	14	10-1/2	15
FT18-23	1,951	2,053	1,383	1,485	FT18-23RP	2,067	2,169	1,480	1,562	11-5/8	16-3/4	13	20
FT18-31	2,155	2,274	1,587	1,706	FT18-31RP	2,284	2,413	1,716	1,839	11-5/8	16-3/4	13	23

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

Unit is supplied with a three prong electrical connector.

MULLION TEMP PANEL UNIT COOLERS

Designed for mullion, back wall, and side wall mounting from 1,300 to 2,300 BTU/HR.



COOLER APPLICATION

MODEL NUMBER MUF/MDF	UNCOATED CORE		BAKED EPOXY MODEL NO.	BAKED EPOXY CORE		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V		115V	230V	HT (IN)	LT (IN)	DP (IN)	
27-13	$1,140	$1,199	27-13RP	$1,159	$1,240	17-1/8	15-5/8	5-5/8	20
27-17	1,360	1,404	27-17RP	1,390	1,472	17-1/8	15-5/8	5-5/8	22
37-23	1,626	1,741	37-23RP	1,654	1,776	17-1/8	22	5-5/8	30

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

Unit is supplied with a three prong electrical connector.

T-TEMP UNIT COOLERS

Designed for reach-ins, beverage coolers and back bars from 800 to 1,700 BTU/HR

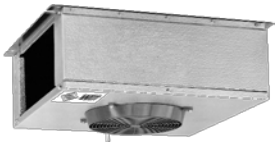


COOLER APPLICATION - AIR DEFROST									
MODEL NUMBER	UNCOATED CORE		BAKED EPOXY CORE	BAKED EPOXY CORE		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V	MODEL NO.	115V	230V	HT (IN)	LT (IN)	DP (IN)	
TT18-8	$571	$616	TT18-8RP	$650	$695	7-1/4	13-3/4	7-1/2	10
TT28-13	784	837	TT28-13RP	834	896	7-1/4	19-1/4	7-1/2	15
TT28-17	875	934	TT28-17RP	932	1,001	7-1/4	19-1/4	8-1/2	16

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

TWIN-TEMP TWO WAY CEILING UNIT COOLERS

Designed for reach-ins, beverage coolers and back bars from 900 to 12,000 BTU/HR.



COOLER APPLICATION												
MODEL NUMBER	UNCOATED CORE Single speed ECM		UNCOATED CORE SHADED POLE		BAKED EPOXY CORE	BAKED EPOXY CORE Single speed ECM		BAKED EPOXY CORE SHADED POLE		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V	115V	230V	MODEL NO.	115V	230V	115V	230V	HT (IN)	LT (IN)	DP (IN)	
TW17-9	$1,227	$1,271	$671	$714	TW17-9RP	$1,337	$1,380	$786	$829	7-5/8	19	16-1/2	17
TW17-12	1,424	1,488	868	931	TW17-12RP	1,494	1,563	943	1,012	7-5/8	19	16-1/2	19
TW17-18	1,537	1,609	997	1,069	TW17-18RP	1,720	1,787	1,175	1,242	9-1/8	19	16-1/2	23
TW17-25	1,761	1,838	1,221	1,298	TW17-25RP	2,004	2,085	1,456	1,537	9-5/8	21	18-1/2	26
TW17-35	2,124	2,212	1,584	1,672	TW17-35RP	2,397	2,488	1,858	1,948	11-1/4	11	18-1/2	28
TW17-45	2,562	2,707	2,016	2,161	TW17-45RP	2,890	3,034	2,339	2,483	10	32	21-1/2	44
TW17-55	3,071	3,196	2,538	2,663	TW17-55RP	3,440	3,569	2,895	3,024	12	32	21-1/2	50
TW18-65	3,614	3,614	3,046	3,046	TW18-65RP	3,828	3,828	3,260	3,260	12	32	21-1/2	55
TW17-75	N/A	N/A	3,150	3,150	TW17-75RP	N/A	N/A	3,372	3,372	11	36-1/2	36	109
TW18-85	N/A	N/A	3,659	3,659	TW18-85RP	N/A	N/A	3,913	3,913	11	36-1/2	36	115
TW17-105	N/A	N/A	4,189	4,189	TW17-105RP	N/A	N/A	4,482	4,482	13	36-1/2	36	121
TW18-120	N/A	N/A	4,671	4,671	TW18-120RP	N/A	N/A	5,001	5,001	13	36-1/2	36	128

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

ECM = Electronically Commutated Motors

MINI TWIN-TEMP TWO WAY UNIT COOLER ONLY 3-1/4" HIGH



COOLER APPLICATION								
MODEL NUMBER	UNCOATED CORE SHADED POLE		BAKED EPOXY	BAKED EPOXY SHADED POLE		DIMENSIONS			APROX. SHIP WT. (LBS.)
	115V	230V	MODEL NO.	115V	230V	HT (IN)	LT (IN)	DP (IN)	
MTW18-8	$669	$669	MTW18-8RP	$793	$793	3-1/4	14-1/4	13	14
MTW28-13	881	881	MTW28-13RP	954	954	3-1/4	19-1/4	13	15
MTW28-18	1,003	1,003	MTW28-18RP	1,178	1,178	3-1/4	19-1/4	13	18
MTW28-21	1,125	1,125	MTW28-21RP	1,206	1,206	3-1/4	19-1/4	13	20
MTW38-27	1,252	1,252	MTW38-27RP	1,444	1,444	3-1/4	28-1/2	13	23

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.

WALL-TEMP PANEL UNIT COOLERS

Designed for mullion back wall and side wall mounting.
From 600 to 4,500 BTU/HR.



COOLER APPLICATION

MODEL NUMBER	UNCOATED CORE ECM 115V/230V/1	UNCOATED CORE SHADED POLE 115V/230V/1	BAKED EPOXY MODEL NO.	BAKED EPOXY CORE ECM 115V/230V/1	BAKED EPOXY CORE SHADED POLE 115V/230V/1	DRAIN PAN*	DIMENSIONS HT (IN)	DIMENSIONS WD (IN)	DIMENSIONS DP (IN)	APPROX. SHIP WT. (LBS.)
WA17-6	$1,643	$1,046	WA17-6RP	$1,723	$1,127	$142	20-7/8	12	4-3/8	11
WA17-9	1,927	1,331	WA17-9RP	2,007	1,410	142	20-7/8	12	4-3/8	14
WA17-12	2,395	1,736	WA17-12RP	2,475	1,878	142	22-7/8	18	4-3/4	20
WA17-18	2,476	1,874	WA17-18RP	2,556	1,959	142	22-7/8	18	4-3/4	24
WA17-25	2,556	1,962	WA17-25RP	2,642	2,045	167	29	18	8-1/2	28
WA17-35	2,731	2,163	WA17-35RP	2,817	2,220	167	29	18	8-1/2	29
WA17-45	N/A	2,453	WA17-45RP	N/A	2,510	167	32-1/8	18	10-1/2	40

Specify voltage when ordering - add an "A" for 115V and "D" for 230V. See Page 2 for nomenclature.
$45 List adder for 3-prong electrical connector.
*Drain Pan is optional.
ECM = Electronically Commutated Motors

NEXT-GEN ALL-TEMP
LOW PROFILE UNIT COOLERS



W L 6 E 042 D E A B L

Witt

Model Type
L = Low Profile

Fins Per Inch
4 FPI
6 FPI

Type of Defrost
A = Air Defrost
E = Electric Defrost
H = Hot Gas 3 Pipe
G = Hot Gas Rev. Cycle 2 Pipe

BTUH in Hundreds

Voltage Code
A = 115/1/60
D = 208-230/1/60
E = 208-230/3/60
F = 460/1/60
L = 100/1/50
M = 200-220/1/50
N = 200-220/3/50
P = 380/1/50
S = 115-230/1/50-60 (Air Defrost EC motor only)

Motor Type
E = Single Speed ECM
D = Dual Speed ECM
P = PSC

Revision Code

Refrigerant Type
A = R404A
B = R407A
C = R407C
D = R407F
E = R448A, R449A/B
F = CO_2 DX
G = Glycol (Consult Factory)

Pre-assembly Code
Blank = Configurable (No factory installed options)
T = Mounted TXV only
L = Mounted TXV, LLS, T-Stat
M = Master Configuration with TXV, LLS, T-Stat, Copper Tube
See features page for configuration descriptions

STANDARD FEATURES

- Textured aluminum construction
- All units are provided with sweat refrigerant connections
- All units suitable for use with R404A, R407A, R407C, R407F, R448A, R449A/B. Can be configured for use with CO2 DX or Glycol
- U. L. approved black plastic fan guards and deep draw venturi provide optimal air flow
- Flush ceiling mount with slotted hangers and hinged access end panels
- Face mounted heaters and fixed defrost termination, fan delay and heater safety controls
- Singe or dual voltage EC motors. Optional Dual speed available

ORDERING INFORMATION

1. Model number
2. Motor Type
3. Motor electrical (voltage/phase/frequency)
4. Heater electrical (voltage/phase/frequency)
5. Units with mounted components require the following information: refrigerant type, evaporator temperature and T.D.

NEXT-GEN ALL-TEMP • AIR DEFROST MODELS - 6 FPI

MODEL NUMBER	Electronically Commutated Motors†			Single Speed PSC Motors					Baked Epoxy Coil Coating (Other coatings are also available. Contact Applications for a special quote). See note 6 below.	Insulated Drain Pan	Heat. Exchanger (Shipped loose) selected @10° T.D./R407A		Unit Cooler Approx. Ship Wt (LBS)
	Configurable Model - Single **speed operation** (Motor code "**E**". No accessories mounted)	**Configurable Model -** Dual **speed operation** (Motor code "**D**". No accessories mounted)	**Pre-Assembled** with factory mounted accessories **- Assembly Code L or M** (Motor code "**E" or "D**"). See notes 1, 2 & 3 below.	**Configurable Model** - Single **speed operation** (Motor code "**P**". No accessories mounted)	**Pre-Assembled** with factory mounted accessories - **Assembly Code L or M** (Motor code "**P**"). See notes 1, 2 & 3 below.	**Configurable Model** - Single **speed operation** (Motor code "**P**". No accessories mounted)	**Pre-Assembled** with factory mounted accessories - **Assembly Code L** or **M** (Motor code "**P**"). See notes 1, 2 & 3 below.	**Configurable Model** - Single **speed operation** (Motor code "**P**". No accessories mounted)			**Model**	**List Price**	
	115V/208-230V/1 Voltage code "**S**"	**115V/208-230V/1** Voltage code **"S"**	**115V/208-230V/1** Voltage code "**S**"	**115V/1** (Voltage code "**A**")	**115V/1** (Voltage code "**A**")	**208-230V/1** (Voltage code "**D**")	**208-230V/1** (Voltage code "**D**")	**460V/1** (Voltage code "**F**")					
WL6A041*	$1,627	$1,627	$2,577	$1,287	$2,237	$1,337	$2,287	$1,499	$381	$524	HX-25	$150	41
WL6A052*	1,672	1,672	2,622	1,335	2,285	1,356	2,306	1,524	391	524	HX-25	150	44
WL6A066*	1,940	1,940	2,890	1,603	2,553	1,723	2,673	1,890	419	524	HX-50	150	47
WL6A073*	2,535	2,535	3,485	1,842	2,792	1,988	2,938	2,330	570	661	HX-50	176	52
WL6A094*	2,872	2,872	3,822	2,178	3,128	2,213	3,163	2,558	590	661	HX-50	176	55
WL6A117*	3,017	3,017	3,967	2,370	3,320	2,401	3,351	2,720	620	661	HX-75	243	58
WL6A130*	3,222	3,222	4,172	2,597	3,547	2,634	3,584	2,965	649	661	HX-75	243	62
WL6A141*	3,898	3,898	4,848	2,895	3,845	2,936	3,886	3,430	878	802	HX-75	243	72
WL6A161*	4,328	4,328	5,278	3,300	4,250	3,354	4,304	3,860	902	802	HX-75	243	78
WL6A181*	4,718	4,718	5,668	3,710	4,660	3,763	4,713	4,265	927	802	HX-100	311	85
WL6A195*	5,082	5,082	6,032	4,003	4,953	4,056	5,006	4,589	964	923	HX-100	311	115
WL6A235*	6,164	6,164	7,114	4,663	5,613	5,034	5,984	5,777	1,011	923	HX-150	359	124
WL6A260*	6,717	6,717	7,667	4,891	5,841	5,269	6,219	5,896	1,058	923	HX-150	359	147
WL6A295*	7,703	7,703	8,975	5,820	7,092	6,287	7,559	7,215	1,249	1,053	HX-150	359	218
WL6A330*	8,268	8,268	9,540	6,162	7,434	6,654	7,926	7,697	1,546	1,198	HX-250	497	257
WL6A390*	9,283	9,283	10,555	7,183	8,455	7,633	8,905	8,675	1,603	1,198	HX-250	497	262

† Electronically Commutated motors are not available for 380V, 460V, or 575V. Use PSC motors for 460V volts. Use EC motors for 100-230V 50HZ operations.

†These models utilize **dual voltage** EC motors that are configurable for single or dual speed operation.

†Dual speed motor operation employs a relay to control motor speed. LLS voltage must match the voltage applied to the motor.

†Specify motor speed: single (motor code E) or dual speed (motor code D) at time of order. (115 and 230 volt dual speed relays are both included with S voltage code.)

NEXT-GEN ALL-TEMP • ELECTRIC DEFROST MODELS

	MODEL NUMBER	Electronically Commutated Motors††			Single Speed PSC Motors			Contact Applications for Coil Coating prices for electric defrost models	Insulated Drain Pan	Heat. Exchanger (Shipped loose) selected @10° T.D./R407A		Unit Cooler Approx. Ship Wt (LBS)
		Configurable Model Single **speed operation** (Motor code "**E**". No accessories mounted)	**Configurable Model** Dual **speed operation** (Motor code "**E**". No accessories mounted)	**Pre-Assembled** with factory mounted accessories - **Assembly Code L** or **M** (Motor code "**E**" or "**D**"). See notes 1, 2 & 3.	**Configurable Model -** Single **speed operation** (Motor code "**P**". No accessories mounted)	**Pre-Assembled** with factory mounted accessories - **Assembly Code L** or **M** (Motor code "**P**"). See notes 1, 2 & 3 below.	**Configurable Model -** Single **speed operation** (Motor code "**P**". No accessories mounted)			**Model**	**List Price**	
		208-230V/1 or 3ph‡ (Voltage code "**D**" or "**E**")	**208-230V/1 or 3ph‡** (Voltage code "**D**" or "**E**")	**208-230V/1 or 3ph‡** (Voltage code "**D**" or "**E**")	**208-230V/1 or 3ph‡** (Voltage code "**D**" or "**E**")	**208-230V/1 or 3ph‡** (Voltage code "**D**" or "**E**")	**460V/1** (Voltage code "**F**")					
6 FPI	WL6E035*	$2,264	$2,264	$3,214	$1,945	$2,895	$2,216	C/F	$524	HX-25	$150	41
	WL6E042*	2,518	2,518	3,468	2,170	3,120	2,416	C/F	524	HX-25	150	44
	WL6E049*	2,772	2,772	3,722	2,425	3,375	2,754	C/F	524	HX-25	150	47
	WL6E066*	3,493	3,493	4,443	2,819	3,769	3,148	C/F	661	HX-50	176	52
	WL6E077*	3,674	3,674	4,624	2,992	3,942	3,541	C/F	661	HX-50	176	55
	WL6E090*	3,782	3,782	4,732	3,133	4,083	3,721	C/F	661	HX-50	176	58
	WL6E105*	4,430	4,430	5,380	3,656	4,606	3,985	C/F	661	HX-50	176	62
	WL6E121*	4,954	4,954	5,904	3,950	4,900	4,704	C/F	802	HX-75	243	78
	WL6E142*	5,653	5,653	6,603	4,643	5,593	5,427	C/F	802	HX-75	243	85
	WL6E162*	6,629	6,629	7,579	5,285	6,235	6,211	C/F	923	HX-75	243	124
	WL6E182*	7,316	7,316	8,266	5,973	6,923	6,975	C/F	923	HX-100	311	147
	WL6E200*	8,228	8,228	9,224	6,651	7,923	7,730	C/F	1,053	HX-100	311	195
	WL6E244*	9,652	9,652	10,924	7,623	8,895	8,888	C/F	1,198	HX-150	359	238
	WL6E281*	10,686	10,686	11,958	8,686	9,958	10,078	C/F	1,198	HX-150	359	238
4 FPI	WL4E027*	$1,455	$1,455	$2,405	$1,298	$2,248	$1,547	C/F	$524	HX-25	$150	40
	WL4E032*	1,819	1,819	2,769	1,539	2,489	1,788	C/F	524	HX-25	150	42
	WL4E038*	2,288	2,288	3,238	1,980	2,930	2,236	C/F	524	HX-25	150	46
	WL4E051*	2,791	2,791	3,741	2,476	3,426	2,736	C/F	661	HX-25	150	50
	WL4E064*	3,503	3,503	4,453	2,877	3,827	3,170	C/F	661	HX-50	176	52
	WL4E080*	3,992	3,992	4,942	3,328	4,278	3,604	C/F	661	HX-50	176	55
	WL4E094*	4,489	4,489	5,439	3,572	4,522	4,264	C/F	802	HX-50	176	79
	WL4E110*	5,254	5,254	6,204	4,179	5,129	4,943	C/F	802	HX-50	176	84
	WL4E125*	5,921	5,921	6,871	4,701	5,651	5,634	C/F	923	HX-75	243	124
	WL4E141*	6,679	6,679	7,629	5,302	6,252	6,249	C/F	923	HX-75	243	144
	WL4E155*	7,422	7,422	8,418	5,909	7,181	6,893	C/F	1,053	HX-75	243	191
	WL4E195*	8,896	8,896	9,892	7,433	8,705	8,719	C/F	1,198	HX-100	311	257
	WL4E230*	10,244	10,244	11,240	8,294	9,566	9,581	C/F	1,198	HX-150	359	262

†† Electronically Commutated motors are not available for 380V, 460V, or 575V. Use PSC motors for 460V volts. Use EC motors for 100-230V 50HZ operations.

††These models utilize **dual voltage** EC motors that are configurable for single or dual speed operation.

††Dual speed motor operation employs a relay to control motor speed. LLS voltage must match the voltage applied to the motor.

††Specify motor speed, single (motor code E) or dual speed (motor code D) operation at time of order. All motors are single phase.

* Refer to nomenclature example to complete the model number.

‡ Reference the catalog for 3 phase availability.

1. Pre-Assembly code **L** indicates that the unit includes factory mounted txv, liquid line solenoid, mechanical room t-stat.
2. Pre-Assembled code **M** designates a **Master unit** for a 2 evaporator Master / Slave evaporator setup. A master unit includes a mounted txv, liquid line solenoid,mechanical room t-stat and copper tee. Code M models are to be matched with an identical model, suffix code T, in order to complete the Master/Slave combination. See note 3 for description of code **T** models.
3. For Pre-Assembled code T (mounted TXV only), select a configurable model then add $362 for up to 3 ton requirement or $638 for 4 to 9 ton mounted txv to price of the configurable unit.
4. See page 18 for expansion valve pricing.
5. $306 List adder for adjustable termination/fan delay control in lieu of a fixed controls.
6. Baked epoxy coating covers the coil only. Contact Application Engineering for coated housing or alternate coil coating. ElectroFin (not NSF approved), Bronze Glow and Heresite are available coating options.

NEXT-GEN ALL-TEMP

HOT GAS DEFROST / REVERSE CYCLE MODELS

	MODEL NUMBER	Electronically Commutated Motors†				PSC Motors			Insulated Drain Pan	Heat Exchanger Field Installed		Unit Cooler Approx. Ship Wt (LBS)
		Configurable Model Single speed operation (Motor code "E". No accessories mounted)		Configurable Model - Dual speed motor operation (Motor code "D".No accessories mounted.)		Configurable Model - Single speed operation (Motor code "P". No accessories mounted)						
		115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	460V/1 (Voltage code "F")		Model	List Price	
6 FPI	WL6G035*	$2,203	$2,254	$2,203	$2,254	$1,873	$1,923	$2,090	$524	HX-25	$150	41
	WL6G042*	2,489	2,548	2,489	2,548	2,140	2,198	2,372	524	HX-25	150	44
	WL6G049*	2,809	2,875	2,809	2,875	2,463	2,529	2,705	524	HX-25	150	47
	WL6G066*	3,373	3,589	3,373	3,589	2,698	2,914	3,248	661	HX-50	176	52
	WL6G077*	3,734	3,949	3,734	3,949	3,053	3,268	3,601	661	HX-50	176	55
	WL6G090*	3,956	4,223	3,956	4,223	3,295	3,562	3,898	661	HX-50	176	58
	WL6G105*	4,638	4,905	4,638	4,905	3,863	4,203	4,543	661	HX-50	176	62
	WL6G121*	4,871	5,181	4,871	5,181	3,876	4,176	4,675	802	HX-75	243	78
	WL6G142*	5,701	5,905	5,701	5,905	4,691	4,895	5,395	802	HX-75	243	85
	WL6G162*	6,331	6,730	6,331	6,730	4,986	5,385	6,058	923	HX-75	243	124
	WL6G182*	7,091	7,616	7,091	7,616	5,749	6,274	6,943	923	HX-100	311	147
	WL6G200*	7,496	7,970	7,496	7,970	5,844	6,318	7,155	1,053	HX-100	311	195
	WL6G244*	9,077	9,744	9,077	9,744	7,043	7,723	8,753	1,198	HX-150	359	238
	WL6G281*	10,109	10,908	10,109	10,908	8,110	8,901	9,916	1,198	HX-150	359	262
4 FPI	WL4G027*	$1,518	$1,576	$1,518	$1,576	$1,298	$1,356	$1,850	$524	HX-25	$150	40
	WL4G032*	1,791	1,849	1,791	1,849	1,533	1,591	2,085	524	HX-25	150	42
	WL4G038*	2,267	2,319	2,267	2,319	1,938	1,990	2,165	524	HX-25	150	46
	WL4G051*	2,878	2,977	2,878	2,977	2,380	2,635	2,890	661	HX-25	150	50
	WL4G064*	3,612	3,711	3,612	3,711	2,987	3,078	3,313	661	HX-50	176	52
	WL4G080*	4,060	4,177	4,060	4,177	3,396	3,513	3,763	661	HX-50	176	55
	WL4G094*	4,371	4,677	4,371	4,677	3,454	3,836	4,218	802	HX-50	176	79
	WL4G110*	5,115	5,421	5,115	5,421	4,041	4,362	4,767	802	HX-50	176	84
	WL4G125*	5,694	6,083	5,694	6,083	4,474	4,977	5,480	923	HX-75	243	124
	WL4G141*	6,423	6,812	6,423	6,812	5,046	5,435	5,948	923	HX-75	243	144
	WL4G155*	6,982	7,460	6,982	7,460	5,468	5,899	6,470	1,053	HX-75	243	191
	WL4G195*	8,570	9,130	8,570	9,130	6,659	7,191	7,911	1,198	HX-100	311	257
	WL4G230*	9,878	10,559	9,878	10,559	7,928	8,589	9,324	1,198	HX-150	359	262

1. $364 List adder for liquid txv bypass check valve, shipped loose. $559 list price adder for liquid txv bypass check valve - factory mounted.
2. Consult factory for installed liquid check valve prices.
3. Hot Gas reverse cycle includes a fixed defrost termination control and a fixed fan delay control, factory wired.
4. Check valve between Hot Gas drain pan circuit and the coil is included in all Reverse Cycle models.

HOT GAS DEFROST / 3 PIPE DEFROST MODELS

	MODEL NUMBER	Electronically Commutated Motors†				PSC Motors			Insulated Drain Pan‡	Unit Cooler Approx. Ship Wt (LBS)
		Configurable Model Single speed operation (Motor code "E". No accessories mounted)		Configurable Model - Dual speed motor operation (Motor code "D". No accessories mounted.)		Configurable Model - Single speed operation (Motor code "P". No accessories mounted)				
		115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	115V/1 (Voltage code "A")	208-230V/1 (Voltage code "D")	460V/1 (Voltage code "F")		
6 FPI	WL6H035*	$2,203	$2,254	$2,203	$2,254	$1,873	$1,923	$2,090	$524	41
	WL6H042*	2,489	2,548	2,489	2,548	2,140	2,198	2,372	524	44
	WL6H049*	2,809	2,875	2,809	2,875	2,463	2,529	2,705	524	47
	WL6H066*	3,373	3,589	3,373	3,589	2,698	2,914	3,248	661	52
	WL6H077*	3,734	3,949	3,734	3,949	3,053	3,268	3,601	661	55
	WL6H090*	3,956	4,223	3,956	4,223	3,295	3,562	3,898	661	58
	WL6H105*	4,638	4,905	4,638	4,905	3,863	4,203	4,543	661	62
	WL6H121*	4,871	5,181	4,871	5,181	3,876	4,176	4,675	802	78
	WL6H142*	5,701	5,905	5,701	5,905	4,691	4,895	5,395	802	85
	WL6H162*	6,331	6,730	6,331	6,730	4,986	5,385	6,058	923	124
	WL6H182*	7,091	7,616	7,091	7,616	5,749	6,274	6,943	923	147
	WL6H200*	7,496	7,970	7,496	7,970	5,844	6,318	7,155	1,053	195
	WL6H244*	9,077	9,744	9,077	9,744	7,043	7,723	8,753	1,198	238
	WL6H281*	10,109	10,908	10,109	10,908	8,110	8,901	9,916	1,198	262
4 FPI	WL4H027*	$1,518	$1,576	$1,518	$1,576	$1,298	$1,356	$1,850	$524	40
	WL4H032*	1,791	1,849	1,791	1,849	1,533	1,591	2,085	524	42
	WL4H038*	2,267	2,319	2,267	2,319	1,938	1,990	2,165	524	46
	WL4H051*	2,878	2,977	2,878	2,977	2,380	2,635	2,890	661	50
	WL4H064*	3,612	3,711	3,612	3,711	2,987	3,078	3,313	661	52
	WL4H080*	4,060	4,177	4,060	4,177	3,396	3,513	3,763	661	55
	WL4H094*	4,371	4,677	4,371	4,677	3,454	3,836	4,218	802	79
	WL4H110*	5,115	5,421	5,115	5,421	4,041	4,362	4,767	802	84
	WL4H125*	5,694	6,083	5,694	6,083	4,474	4,977	5,480	923	124
	WL4H141*	6,423	6,812	6,423	6,812	5,046	5,435	5,948	923	144
	WL4H155*	6,982	7,460	6,982	7,460	5,468	5,899	6,470	1,053	191
	WL4H195*	8,570	9,130	8,570	9,130	6,659	7,191	7,911	1,198	257
	WL4H230*	9,878	10,559	9,878	10,559	7,928	8,589	9,324	1,198	262

1. Hot Gas 3 Pipe Defrost models include a fixed defrost termination control and a fixed fan delay control, factory wired.
2. Use EC motors for 50HZ operation.
3. See page 18 for expansion valve pricing.

† Electronically Commutated motors are not available for 380V, 460V, or 575V. Use PSC motors for 460V volts. Use EC motors for 100-230V 50HZ operations

†These models utilize **single voltage** EC motors that are configurable for single or dual speed operation.

†Dual speed motor operation employs a relay to control motor speed. LLS voltage must match the voltage applied to the motor. Electric default: dual speed relay voltage is 230V.

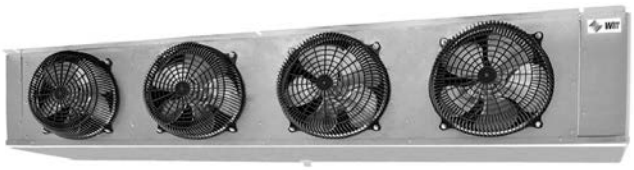
†Specify operating voltage: 115V (voltage code A) or 230V/1 (voltage code D) and motor speed: single (motor code E) or dual speed (motor code D) at time of order.

$306 List adder for adjustable termination/fan delay control in lieu of a fixed controls.

Contact Application Engineering for coated housing or coil coating. ElectroFin (not NSF approved), Bronze Glow and Heresite are available coating options.

* Reference nomenclature example to complete the model number.

LEGACY SUPER-FLO
LOW PROFILE UNIT COOLERS



SUPER-FLO — **S A 1 8 - 41 C - A E - L**

- **A** = Air Defrost
  E = Electric Defrost
  H = Hot Gas Re-Evap
  G = Hot Gas Rev. Cycle
- Number of fans
- Fins per inch
- BTUH in hundreds
- Revision Code
- Voltage Code:
  A = 115/1/60, **D** = 230/1/60,
  E = 208/230/3/60**, F** = 460/1/60
  L = 100/1/50, **M** = 200-220/1/50
  N = 200-230/3/50, **P** = 380/1/50
- Motor Type:
  P = PSC
  E = Single Speed ECM
  D = Dual Speed ECM
- Pre-assembly Code:
  Blank = Configurable
  T = Mounted Txv (only)
  L = Mounted Txv, LLS, T-Stat
  M =Master Configuration

STANDARD FEATURES

- Textured aluminum construction
- All units are provided with sweat refrigerant connections
- All units suitable for use with R404A, R507, R22, R407A, R407C, R407F, R448A, R449A. Use revision code B models for other refrigerants
- U. L. approved black plastic fan guards (optional high throw or epoxy coated wire fan guards are available)
- Flush ceiling mount with slotted hangers and hinged access end panels
- Fixed defrost termination and fan delays (Electric and Hot Gas defrost units)
- Motors include thermal overload protection

ORDERING INFORMATION

1. Model number
2. Motor electrical wiring connections (voltage/phase/frequency)
3. Heater electrical wiring connections (voltage/phase/frequency)
4. Revision code
5. Evaporator temperature, T.D. and refrigerant type

LEGACY SUPER-FLO • AIR DEFROST MODELS

MODEL NUMBER	Single Speed EC motors†			Dual Speed EC Motors†		Single Speed PSC motors				Baked Epoxy Coil Coating*	Insulated Drain Pan‡	Heat. Exchanger (Shipped loose) selected @10° T.D./R404A		APPROX. SHIP WT. (LBS.)
	Configurable (Base unit. No accessories mounted)		Pre-Assembled 115V (only)	Configurable (No accessories mounted)		Configurable (No accessories mounted)	Pre-Assembled 115V (only)	Configurable (No accessories mounted)	Configurable (No accessories mounted)					
	115V/1	208-230V/1	Code L or M	115V/1	208-230V/1	115V/1	Code L or M	208-230V/1	460V/1			MODEL	LIST	
SA18-41C	$1,628	$1,730	$2,578	$2,061	$2,163	$1,283	$2,233	$1,385	$1,560	$418	$1,230	HX-25	$150	33
SA18-53C	1,723	1,745	2,673	2,156	2,178	1,378	2,328	1,399	1,574	433	1,230	HX-25	150	34
SA18-66C	1,958	2,081	2,908	2,391	2,514	1,613	2,563	1,735	1,910	463	1,230	HX-25	150	36
SA28-76C	2,485	2,627	3,435	3,351	3,493	1,798	2,748	1,940	2,290	523	1,619	HX-50	176	48
SA28-97C	2,809	2,843	3,759	3,675	3,709	2,123	3,073	2,156	2,506	564	1,619	HX-50	176	51
SA28-106C	2,975	3,012	3,925	3,841	3,878	2,289	3,239	2,325	2,675	626	1,619	HX-50	176	58
SA28-122C	3,161	3,195	4,111	4,027	4,061	2,474	3,424	2,508	2,858	648	1,619	HX-50	176	60
SA28-134C	3,357	3,395	4,307	4,223	4,261	2,670	3,620	2,708	3,058	684	1,619	HX-50	176	63
SA38-160C	4,304	4,357	5,254	5,603	5,656	3,267	4,217	3,320	3,845	964	1,724	HX-75	243	79
SA38-195C	4,812	4,864	5,762	6,111	6,163	3,776	4,726	3,827	4,352	999	1,724	HX-75	243	84
SA48-212C	5,630	5,967	6,580	7,362	7,699	4,238	5,188	4,575	5,275	1,061	1,933	HX-75	243	127
SA48-264C	6,154	6,518	7,104	7,886	8,250	4,727	5,677	5,104	5,804	1,111	1,933	HX-100	311	151
SA58-275C	6,930	7,346	7,880	9,095	9,511	5,216	6,166	5,632	6,507	1,372	2,142	HX-100	311	197
SA68-318C	8,043	8,518	9,269	10,641	11,116	5,964	7,190	6,439	7,489	1,701	2,352	HX-150	359	243
SA68-390C	9,056	9,494	10,282	11,654	12,092	6,976	8,202	7,414	8,464	1,763	2,352	HX-150	359	267
SA16-39C	1,575	1,674	2,525	2,008	2,107	1,245	2,195	1,345	1,520	381	1,230	HX-25	150	41
SA16-48C	1,667	1,688	2,617	2,100	2,121	1,338	2,288	1,359	1,534	391	1,230	HX-25	150	44
SA16-58C	1,896	2,015	2,846	2,329	2,448	1,566	2,516	1,685	1,860	419	1,230	HX-25	150	47
SA26-70C	2,412	2,551	3,362	3,278	3,417	1,752	2,702	1,891	2,241	570	1,619	HX-50	176	54
SA26-87C	2,728	2,761	3,678	3,594	3,627	2,069	3,019	2,102	2,452	590	1,619	HX-50	176	55
SA26-115C	3,071	3,104	4,021	3,937	3,970	2,411	3,361	2,445	2,795	620	1,619	HX-50	176	62
SA36-145C	3,841	3,880	4,791	5,140	5,179	2,852	3,802	2,891	3,416	878	1,724	HX-75	243	77
SA36-170C	4,655	4,705	5,605	5,954	6,004	3,666	4,616	3,716	4,241	902	1,724	HX-75	243	82
SA46-192C	5,414	5,739	6,364	7,146	7,471	4,094	5,044	4,420	5,120	964	1,933	HX-75	243	124
SA46-230C	5,938	6,290	6,888	7,670	8,022	4,583	5,533	4,949	5,649	1,011	1,933	HX-100	311	147
SA56-245C	6,737	7,143	7,687	8,902	9,308	5,088	6,038	5,494	6,369	1,249	2,142	HX-100	311	195
SA66-295C	7,758	8,218	8,984	10,356	10,816	5,779	7,005	6,239	7,289	1,546	2,352	HX-150	359	238
SA66-345C	8,739	9,163	9,965	11,337	11,761	6,760	7,986	7,185	8,235	1,603	2,352	HX-150	359	262
SA14-42C	1,880	1,998	N/A	2,313	2,431	1,554	N/A	1,672	1,847	387	1,230	HX-25	150	42
SA24-84C	2,390	2,528	N/A	3,256	3,394	2,053	N/A	2,086	2,436	526	1,619	HX-50	176	49
SA24-105C	2,704	2,736	N/A	3,570	3,602	2,392	N/A	2,426	2,776	545	1,619	HX-50	176	55
SA34-130C	4,614	4,663	N/A	5,913	5,962	3,637	N/A	3,988	4,212	807	1,724	HX-50	176	79
SA44-170C	5,885	6,234	N/A	7,617	7,966	4,354	N/A	4,826	5,085	887	1,933	HX-75	243	144
SA54-215C	6,676	7,079	N/A	8,841	9,244	5,048	N/A	5,451	6,326	1,147	2,352	HX-100	311	191
SA64-255C	8,660	9,081	N/A	11,258	11,679	6,706	N/A	7,128	8,178	1,475	2,352	HX-100	311	257

LEGACY SUPER-FLO • ELECTRIC DEFROST MODELS

MODEL NUMBER	Single Speed EC Motors†		Dual Speed EC Motors†	Single Speed PSC Motors†			Baked Epoxy Coil Coating*	Insulated Drain Pan‡	Heat. Exchanger (Shipped loose) selected @10° T.D./R404A		APPROX. SHIP WT. (LBS.)
	Configurable (No accessories included)	Pre-Assembled 230V/1	Configurable (No accessories mounted)	Configurable (No accessories mounted)	Pre-Assembled 208-230V/1	Configurable (No accessories mounted)					
	208-230V/1	Code L or M	208-230V/1	208-230V/1	Code L or M	460V/1			MODEL	LIST	
SE16-36C	$2,269	$3,219	$2,702	$1,939	$2,889	$2,114	N/A	$1,230	HX-25	$150	41
SE16-41C	2,380	3,330	2,813	2,050	3,000	2,225	N/A	1,230	HX-25	150	44
SE16-46C	2,638	3,588	3,071	2,308	3,258	2,483	N/A	1,230	HX-25	150	47
SE26-60C	3,414	4,364	4,280	2,754	3,704	3,104	N/A	1,619	HX-25	150	54
SE26-75C	3,551	4,501	4,417	2,891	3,841	3,241	N/A	1,619	HX-50	176	55
SE26-92C	3,768	4,718	4,634	3,108	4,058	3,458	N/A	1,619	HX-50	176	62
SE36-120C	4,875	5,825	6,174	3,886	4,836	4,411	N/A	1,724	HX-50	176	78
SE36-140C	5,530	6,480	6,829	4,541	5,491	5,066	N/A	1,724	HX-75	243	85
SE46-164C	6,517	7,467	8,249	5,178	6,128	5,878	N/A	1,933	HX-75	243	128
SE46-185C	7,179	8,129	8,911	5,860	6,810	6,560	N/A	1,933	HX-75	243	152
SE56-210C	8,346	9,296	10,511	6,598	7,548	7,473	N/A	2,142	HX-75	243	195
SE66-245C	9,420	10,370	12,018	7,441	8,391	8,491	N/A	2,352	HX-100	311	238
SE66-280C	10,565	11,791	13,163	8,586	9,536	9,636	N/A	2,352	HX-100	311	262
SE14-37C	2,192	N/A	2,625	1,862	N/A	2,037	N/A	1,230	HX-25	150	45
SE24-72C	3,693	N/A	4,559	3,033	N/A	3,383	N/A	1,619	HX-50	176	52
SE24-85C	3,961	N/A	4,827	3,213	N/A	3,563	N/A	1,619	HX-50	176	58
SE34-105C	4,834	N/A	6,133	3,844	N/A	4,369	N/A	1,724	HX-50	176	76
SE44-140C	6,393	N/A	8,125	5,074	N/A	5,774	N/A	1,933	HX-75	243	139
SE54-180C	8,077	N/A	10,242	6,429	N/A	7,304	N/A	2,142	HX-75	243	186
SE64-215C	9,235	N/A	11,833	7,256	N/A	8,306	N/A	2,352	HX-100	311	249

† These Electronically Commutated motors are not available in 460V or 575V.
Units with dual speed motors include a relay which controls motor speed. **Must add mounted LLS and T-Stat Pricing.**

1. See page 18 for pricing for expansion valve(s) shipped loose.
2. Pre-Assembled code **M** designates a **master unit** for a 2 evaporator Master / Slave evaporator setup. Master includes mounted txv, liquid line solenoid, t-stat and copper tee. Code **M** models are to be matched with an identical unit with a suffix code **T** in order to complete the Master/Slave combination. See note 1 for description of code **T** models.
3. For Pre-Assembled code T (mounted TXV only), select a configurable model then add $362 for up to 3 ton requirement or $638 for 4 to 9 ton mounted txv to price of the configurable unit.
4. Use EC motors for 50HZ operation.
5. $306 List adder for adjustable termination/fan delay control in lieu of a fixed contr (Adjustable defrost control is only available for revision code B models).
6. $125 List adder per fan for epoxy high throw fan guards or epoxy coated wire fan guards. (Wire guards are only available for revision code B models).
*Baked Epoxy coating covers the coil only. Contact Application Engineering for additional cost and lead time for coated housing. ElectroFin and Heresite are also available coating options.
‡ **Insulated drain pans are only available for vintage B revision models and are not available for vintage C units. Specify vintage B unit if this option is required.**
Specify voltage and motor type when ordering. See page 8 for nomenclature, voltage code, motor code and pre-assemble codes.

LEGACY SUPER-FLO

HOT GAS/ 3 PIPE DEFROST

	Model Number	Electronically Commutated Motors†				Single Speed PSC Motors			Insulated Drain Pan	Ht. Exchanger/Re-Evap Field Installed No Longer Available	Approx. Ship Wt. (LBS.)
		Single Speed†		Dual Speed†							
		115V/1	230V/1	115V/1	230V/1	115V/1	230V/1	460V/1			
	SH16-36B	$2,948	$3,045	$3,381	$3,478	$2,768	$2,865	$3,040	$1,230	Discontinued	41
	SH16-41B	3,066	3,172	3,499	3,605	2,886	2,992	3,167	1,230	Discontinued	44
	SH16-46B	3,213	3,328	3,646	3,761	3,033	3,148	3,323	1,230	Discontinued	47
	SH26-60B	3,999	4,134	4,865	5,000	3,639	3,774	4,124	1,619	Discontinued	54
	SH26-75B	4,372	4,684	5,238	5,550	4,012	4,324	4,674	1,619	Discontinued	55
6	SH26-92B	4,795	5,316	5,661	6,182	4,435	4,956	5,306	1,619	Discontinued	62
F	SH36-120B	5,872	6,404	7,171	7,703	5,332	5,864	6,389	1,724	Discontinued	78
P	SH36-140B	6,725	7,484	8,024	8,783	6,185	6,944	7,469	1,724	Discontinued	85
I	SH46-164B	7,374	8,066	9,106	9,798	6,654	7,346	8,046	1,933	Discontinued	128
	SH46-185B	8,091	8,775	9,823	10,507	7,371	8,055	8,755	1,933	Discontinued	152
	SH56-210B	8,703	9,463	10,868	11,628	7,803	8,563	9,438	2,142	Discontinued	195
	SH66-245B	10,322	11,298	12,920	13,896	9,242	10,218	11,268	2,352	Discontinued	238
	SH66-280B	11,757	12,270	14,355	14,868	10,677	11,190	12,240	2,352	Discontinued	262
	SH14-37B	2,996	3,161	3,429	3,594	2,816	2,981	3,156	1,230	Discontinued	42
	SH24-72B	4,443	4,568	5,309	5,434	4,083	4,208	4,558	1,619	Discontinued	49
4	SH24-85B	4,949	5,132	5,815	5,998	4,589	4,772	5,122	1,619	Discontinued	58
F	SH34-105B	5,561	6,097	6,860	7,396	5,021	5,557	6,082	1,724	Discontinued	79
P	SH44-140B	7,287	7,953	9,019	9,685	6,567	7,233	7,933	1,933	Discontinued	149
I	SH54-180B	8,844	9,376	11,009	11,541	7,944	8,476	9,351	2,142	Discontinued	189
	SH64-215B	10,220	11,131	12,818	13,729	9,140	10,051	11,101	2,352	Discontinued	233

† These electronically commutated motors are not available in 460V or 575V.

1. Hot Gas 3 Pipe defrost models include a fixed defrost termination control and a fixed fan delay control, factory wired.
2. Use EC motors for 50HZ operation.
3. See page 18 for expansion valve pricing for valves shipped loose.

Specify voltage and motor type when ordering. See page 8 for nomenclature, voltage code, motor code and pre-assemble codes.

HOT GAS/ REVERSE CYCLE MODELS

	Model Number	Electronically Commutated Motors†				Single Speed PSC Motors			Insulated Drain Pan	Ht. Exchanger/Re-Evap Field Installed		Approx. Ship Wt. (LBS.)
		Single Speed†		Dual Speed†								
		115V/1	230V/1	115V/1	230V/1	115V/1	230V/1	460V/1				
	SG16-36B	$2,384	$2,480	$2,817	$2,913	$2,064	$2,153	$2,328	$1,230	HX-25	$150	41
	SG16-41B	2,543	2,648	2,976	3,081	2,198	2,296	2,471	1,230	HX-25	150	44
	SG16-46B	2,836	2,955	3,269	3,388	2,511	2,625	2,800	1,230	HX-25	150	47
	SG26-60B	3,477	3,613	4,343	4,479	2,829	2,952	3,302	1,619	HX-25	150	54
	SG26-75B	3,816	4,128	4,682	4,994	3,141	3,361	3,711	1,619	HX-50	176	55
6	SG26-92B	4,194	4,715	5,060	5,581	3,528	3,788	4,138	1,619	HX-50	176	62
F	SG36-120B	5,019	5,204	6,318	6,503	4,042	4,312	4,837	1,724	HX-50	176	78
P	SG36-140B	5,724	5,917	7,023	7,216	4,793	5,063	5,588	1,724	HX-75	243	85
I	SG46-164B	6,341	6,806	8,073	8,538	5,030	5,381	6,081	1,933	HX-75	243	128
	SG46-185B	7,028	7,685	8,760	9,417	5,771	6,157	6,857	1,933	HX-75	243	152
	SG56-210B	7,521	8,240	9,686	10,405	6,008	6,486	7,361	2,142	HX-75	243	195
	SG66-245B	8,857	9,769	11,455	12,367	6,902	7,558	8,608	2,352	HX-100	311	238
	SG66-280B	10,083	10,811	12,681	13,409	8,176	8,961	10,011	2,352	HX-100	311	262
	SG14-37B	2,477	2,533	2,910	2,966	2,137	2,287	2,462	1,230	HX-25	150	42
	SG24-72B	4,054	4,178	4,920	5,044	2,994	3,095	3,445	1,619	HX-50	176	49
4	SG24-85B	4,283	4,461	5,149	5,327	3,254	3,401	3,751	1,619	HX-50	176	55
F	SG34-105B	4,980	5,307	6,279	6,606	3,552	3,977	4,502	1,724	HX-50	176	79
P	SG44-140B	6,550	6,956	8,282	8,688	4,664	5,197	5,897	1,933	HX-75	243	149
I	SG54-180B	7,922	8,447	10,087	10,612	5,835	6,269	7,144	2,142	HX-75	243	189
	SG64-215B	9,272	9,858	11,870	12,456	6,809	7,546	8,596	2,352	HX-100	311	233

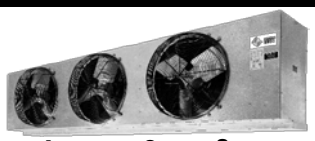
† These Electronically Commutated motors are not available in 460V or 575V.

Units with dual speed motors include a relay which controls motor speed. **Must add mounted LLS and T-Stat Pricing.**

2. $364 List adder for liquid txv bypass check valve, shipped loose. $559 list price adder for liquid txv bypass check valve - factory mounted. Consult factory for installed liquid check valve prices.
3. Hot Gas reverse cycle includes a fixed defrost termination control and a fixed fan delay control, factory wired.
4. Check valve between Hot Gas drain pan circuit and the coil is included in all Reverse Cycle models.
5. Use EC motors for 50HZ operation.
6. See page 18 for expansion valve pricing.
7. $306 List adder for adjustable termination/fan delay control in lieu of a fixed controls.
8. $125 List adder per fan for epoxy high throw fan guards or epoxy coated wire fan guards.

Specify voltage and motor type when ordering. See page 8 for nomenclature, voltage code, motor code and pre-assemble codes.

INTER-FLO
MEDIUM PROFILE UNIT COOLERS



I F — INTER-FLO

A — **A** = Air Defrost, **E** = Electric Defrost, **G** = Hot Gas Rev. Cycle, **H** = Hot Gas Re-Evap

2 — Number of Fans

8 — Fins Per Inch

151- — BTUH in Hundreds

A — Voltage Code: **A** = 115/1, **D** = 230/1, **E** = 208/230/3, **F** = 460/1, **H** = 575/1

E — Motor Type: **P** = PSC, **E** = Single Speed ECM, **D** = Dual Speed ECM, **V** = Variable Speed ECM

STANDARD FEATURES

- All units suitable for R404A, R22, R502, R134a
- Textured Aluminum Construction
- U.L. approved epoxy coated fan guards
- Separate fixed defrost termination and fan delay controls
- Permanently lubricated, high efficiency, ECM or PSC motors with thermal overload protection
- All components are factory wired to terminal board. Connection points are marked for easy identification.
- Partitioned fan sections.

ORDERING INFORMATION

1. Model number
2. Voltage, frequency, phase
3. Refrigerant type
4. Suction Temperature
5. Evaporator T.D.

OPTIONS

Air Straightener - Fan Guards (price per fan)	LIST	$324

AIR DEFROST MODELS

	Model Number	Electronically Commutated Motors†								PSC Motors			
		Single Speed Motors		Dual Speed Motors			Variable Speed Motors			Single Speed Motors			
		115V/1	230V/1	115V/1	230V/1	460V/1**	115V/1	230V/1	460V/1**	115V/1	230V/1	460V/1	575V/1
	IFA28-151	$4,991	$5,066	$5,403	$5,542	$5,916	$5,563	$5,664	$6,060	$4,375	$4,460	$4,633	$4,726
8	IFA28-210	6,020	6,094	6,432	6,570	6,944	6,592	6,692	7,088	4,969	5,045	5,115	5,218
	IFA38-260	7,451	7,566	8,069	8,280	8,841	8,309	8,463	9,057	6,193	6,318	6,643	6,777
F	IFA38-320	9,114	9,478	9,732	10,192	10,753	9,972	10,375	10,969	7,989	8,386	8,473	8,642
P	IFA28-410	11,592	12,053	12,100	12,561	12,903	12,422	12,943	13,047	9,713	10,153	10,363	10,570
I	IFA28-450	13,134	13,436	13,642	13,944	14,286	13,964	14,326	14,430	11,207	11,496	11,844	12,082
	IFA38-540	16,178	16,733	16,940	17,495	18,008	17,423	18,068	17,727	13,482	14,015	14,304	14,590
	IFA38-690	16,944	17,300	17,706	18,062	18,575	18,189	18,635	19,197	14,698	15,049	15,551	15,863
	IFA26-145	4,825	4,888	5,237	5,364	5,738	5,397	5,486	5,882	4,206	4,278	4,455	4,544
	IFA26-191	5,840	5,852	6,252	6,328	6,702	6,412	6,450	6,846	4,683	4,695	4,899	4,997
6	IFA36-240	7,197	7,354	7,815	8,068	8,629	8,055	8,251	8,845	5,894	6,063	6,399	6,527
	IFA36-305	8,864	9,102	9,482	9,816	10,377	9,722	9,999	10,593	7,586	7,840	8,102	8,265
F	IFA26-370	11,250	11,563	11,758	12,071	12,413	12,080	12,453	12,557	9,347	9,644	9,973	10,172
P	IFA36-415	12,732	12,939	13,494	13,701	14,214	13,977	14,274	14,430	10,925	11,134	11,372	11,600
I	IFA36-490	15,641	15,971	16,403	16,733	17,246	16,886	17,306	17,462	12,996	13,314	13,890	14,169
	IFA36-620	16,423	16,687	17,185	17,449	17,962	17,668	18,022	18,178	13,908	14,164	14,913	15,211
	IFA24-126	4,635	4,714	5,047	5,190	5,564	5,207	5,312	5,708	4,054	4,145	4,293	4,379
4	IFA24-169	5,620	5,719	6,032	6,195	6,569	6,192	6,317	6,713	4,537	4,640	4,779	4,875
	IFA34-224	6,923	7,068	7,541	7,782	8,343	7,781	7,965	8,559	5,651	5,807	6,386	6,514
F	IFA34-287	8,544	8,868	9,162	9,582	10,143	9,402	9,765	10,359	7,337	7,685	8,084	8,245
P	IFA24-340	10,803	11,040	11,311	11,548	11,890	11,633	11,930	12,034	9,035	9,262	9,551	9,743
I	IFA24-395	12,205	12,806	12,713	13,314	13,656	13,035	13,696	13,800	10,578	11,167	11,714	11,950
	IFA34-465	15,068	15,245	15,830	16,007	16,520	16,313	16,580	16,736	12,462	12,632	13,382	13,650
	IFA34-585	15,814	16,315	16,576	17,077	17,590	17,059	17,650	17,806	13,458	13,948	14,863	15,161

† Single speed Electronically Commutated motors are not available in 460V. EC motors are not available in 575V.
Dual speed motors include a relay which controls motor speed when wired to the T-stat. Field wiring is required unless T-Stat is mounted on the unit.
Variable speed motors require a field supplied controller.

** These 460V/1 models use 1/3 HP motors for all units.

* Baked Epoxy coating on coil only.
Contact Application Engineering for coated housing or other types of coil coatings.

	MODEL NUMBER	Baked Epoxy Coil Coating*	Insulated Drain Pan	HEAT. EXCHANGER @ 10° T.D./R404A		APPROX. SHIPPING WEIGHT (LBS.)
				MODEL	LIST	
	IFA28-151	$1,173	$1,787	HX-75	$243	125
8	IFA28-210	1,382	1,787	HX-75	243	145
	IFA38-260	1,574	2,004	HX-100	311	295
F	IFA38-320	1,775	2,004	HX-150	359	330
P	IFA28-410	2,051	1,787	HX-150	359	370
I	IFA28-450	2,175	1,787	HX-250	497	390
	IFA38-540	2,475	2,004	HX-250	497	430
	IFA38-690	2,574	2,004	HX-250	497	540
	IFA26-145	1,122	1,787	HX-75	243	120
	IFA26-191	1,322	1,787	HX-75	243	140
6	IFA36-240	1,506	2,004	HX-100	311	290
	IFA36-305	1,701	2,004	HX-150	359	320
F	IFA26-370	1,961	1,787	HX-150	359	360
P	IFA36-415	2,078	2,004	HX-150	359	395
I	IFA36-490	2,367	2,004	HX-250	497	415
	IFA36-620	2,465	2,004	HX-250	497	520
	IFA24-126	1,046	1,787	HX-50	176	115
4	IFA24-169	1,233	1,787	HX-75	243	130
	IFA34-224	1,401	2,004	HX-100	311	280
F	IFA34-287	1,581	2,004	HX-150	359	310
P	IFA24-340	1,825	1,787	HX-150	359	345
I	IFA24-395	1,935	1,787	HX-150	359	375
	IFA34-465	2,205	2,004	HX-250	497	400
	IFA34-585	2,291	2,004	HX-250	497	505

INTER-FLO • ELECTRIC DEFROST MODELS

	Model Number	Electronically Commutated Motors†					Single Speed PSC Motors			WIDTH (INCHES)	Insulated Drain Pan	Approx. Ship Wt. (LBS.)
		Single Speed	Dual Speed		Variable Speed							
		230V/1	230V/1	460V/1**	230V/1	460V/1**	230V/1	460V/1	575V/1			
6 FPI	IFE26-130	$5,398	$5,874	$6,248	$5,996	$6,392	$4,415	$4,636	$4,729	55	$1,787	125
	IFE26-150	5,664	6,140	6,514	6,262	6,658	5,020	5,254	5,359	55	1,787	140
	IFE36-185	8,491	9,205	9,766	9,388	9,982	6,750	7,375	7,523	76	2,004	295
	IFE26-270	10,604	11,138	11,454	11,494	11,598	9,491	10,007	10,207	76	1,787	320
	IFE26-320	11,989	12,523	12,839	12,879	12,983	10,280	11,008	11,229	76	1,787	365
	IFE36-385	14,964	15,765	16,239	16,299	16,455	12,625	13,229	13,494	106	2,004	450
	IFE36-460	15,544	16,345	16,819	16,879	17,035	13,842	14,825	15,121	106	2,004	490
	IFE36-520	17,627	18,428	18,902	18,962	19,118	15,779	16,578	16,910	106	2,004	535
4 FPI	IFE24-105	5,043	5,519	5,893	5,641	6,037	4,322	4,579	4,672	55	1,787	120
	IFE24-140	6,508	6,984	7,358	7,106	7,502	4,894	5,066	5,168	55	1,787	135
	IFE34-175	7,406	8,120	8,256	8,303	8,400	6,146	6,624	6,756	76	2,004	285
	IFE24-230	10,180	10,714	11,030	11,070	11,174	8,527	9,209	9,393	76	1,787	315
	IFE24-325	14,264	14,798	15,114	15,154	15,258	12,075	12,803	13,059	76	1,787	350
	IFE34-390	15,082	15,883	16,357	16,417	16,573	13,230	14,121	14,404	106	2,004	425
	IFE34-510	17,172	17,973	18,447	18,507	18,663	16,082	17,285	17,632	106	2,004	530

1. Electric defrost models include fixed defrost termination and fan delay controls.
2. Standard motor wiring is single phase (208/230V/1 or 460V/1.)
3. Standard heater wiring is 3 phase.(208/230V/3, 460V/3).
4. ** These 460V/1 models use 1/3 HP motors for all units.

† EC motors are not available for 575V applications.

Specify voltage when ordering.
See page 11 for voltage codes.

INTER-FLO • HOT GAS/ 3 PIPE DEFROST

	Model Number	Electronically Commutated Motors†							Single Speed PSC motors				Insulated Drain Pan	Heat Exchanger Accumulator	Approx. Ship Wt. (LBS.)
		Single Speed		Dual Speed		Variable Speed									
		115V/1	230V/1	230V/1	460V/1**	115V/1	230V/1	460V/1**	115V/1	230V/1	460V/1	575V/1			
6 FPI	IFH26-130	$7,277	$7,644	$7,753	$8,127	$7,849	$7,875	$8,242	$5,894	$6,271	$6,543	$6,324	$1,787	Discontinued	125
	IFH26-150	8,969	9,058	9,445	9,819	9,541	9,567	9,656	7,339	7,426	7,762	7,792	1,787	Discontinued	140
	IFH36-185	11,064	11,250	11,778	12,339	11,922	11,961	12,741	9,695	9,896	10,430	10,418	2,004	Discontinued	295
	IFH26-270	13,790	14,131	14,324	14,640	14,620	14,680	15,021	12,554	12,902	13,554	13,527	1,787	Discontinued	320
	IFH26-320	15,397	15,786	15,931	16,247	16,227	16,287	16,676	13,424	13,805	14,694	14,768	1,787	Discontinued	365
	IFH36-385	17,804	17,997	18,605	19,079	19,049	19,139	19,332	15,835	16,034	16,995	17,202	2,004	Discontinued	450
	IFH36-460	20,992	21,315	21,793	22,267	22,237	22,327	22,650	18,406	18,725	19,870	20,121	2,004	Discontinued	490
	IFH36-520	22,634	23,050	23,435	23,909	23,879	23,969	24,385	20,072	20,484	21,611	21,879	2,004	Discontinued	535
4 FPI	IFH24-105	6,981	7,337	7,457	7,831	7,553	7,579	7,935	5,692	6,061	6,480	6,610	1,787	Discontinued	120
	IFH24-140	8,337	8,687	8,813	9,187	8,909	8,935	9,285	7,096	7,459	7,992	8,152	1,787	Discontinued	135
	IFH34-175	10,653	10,844	11,367	11,503	11,511	11,550	11,741	9,304	9,508	10,121	10,324	2,004	Discontinued	285
	IFH24-230	13,555	13,724	14,089	14,405	14,385	14,445	14,614	12,237	12,412	12,936	13,195	1,787	Discontinued	315
	IFH24-325	17,091	17,392	17,625	17,941	17,921	17,981	18,282	15,351	15,650	16,546	16,878	1,787	Discontinued	350
	IFH34-390	19,606	19,902	20,407	20,881	20,851	20,941	21,237	17,275	17,573	18,670	19,044	2,004	Discontinued	425
	IFH34-510	20,386	20,714	21,187	21,661	21,631	21,721	22,049	17,725	18,043	19,237	19,622	2,004	Discontinued	530

1. Hot Gas 3 -Pipe defrost models include factory installed fixed defrost terminator and fan delay controls.
2. ** These 460V/1 models use 1/3 HP motors for all units.

† EC motors are not available for 575V applications.

Specify voltage when ordering.
See page 11 for voltage codes.

INTER-FLO • HOT GAS/ REVERSE CYCLE MODELS

	MODEL NUMBER	Electronically Commutated Motors†							Single Speed PSC motors				Insulated Drain Pan	Tev Bypass Check Valve	Approx. Ship Wt. (LBS.)
		Single Speed		Dual Speed		Variable Speed									
		115V/1	230V/1	230V/1	460V/1**	115V/1	230V/1	460V/1**	115V/1	230V/1	460V/1	575V/1			
6 FPI	ITG26-130	$6,515	$6,881	$6,991	$7,365	$7,087	$7,113	$7,875	$5,132	5,508	$5,784	$5,899	$1,787	$364	125
	ITG26-150	8,208	8,299	8,684	9,058	8,780	8,806	9,293	6,578	6,667	7,003	7,143	1,787	364	140
	ITG36-185	9,061	9,203	9,775	10,336	9,919	9,958	10,694	7,692	7,849	8,468	8,637	2,004	364	295
	ITG26-270	11,755	11,964	12,289	12,605	12,585	12,645	12,958	10,519	10,735	11,410	11,639	1,787	364	320
	ITG26-320	13,295	13,614	13,829	14,145	14,125	14,185	14,608	11,322	11,633	12,540	12,791	1,787	749	365
	ITG36-385	15,540	15,761	16,341	16,815	16,785	16,875	17,252	13,571	13,798	14,762	15,057	2,004	749	450
	ITG36-460	17,530	17,917	18,331	18,805	18,775	18,865	19,408	14,944	15,327	16,554	16,885	2,004	749	490
	ITG36-520	19,247	19,661	20,048	20,522	20,492	20,582	21,152	16,685	17,095	18,301	18,667	2,004	749	535
4 FPI	ITG24-105	6,223	6,575	6,699	7,073	6,795	6,821	7,569	4,934	5,299	5,722	5,836	1,787	364	120
	ITG24-140	7,572	7,924	8,048	8,422	8,144	8,170	8,918	6,331	6,696	7,232	7,376	1,787	364	135
	ITG34-175	8,703	8,832	9,417	9,553	9,561	9,600	10,323	7,354	7,496	8,133	8,296	2,004	364	285
	ITG24-230	11,437	11,646	11,971	12,287	12,267	12,327	12,640	10,119	10,334	10,660	10,873	1,787	364	315
	ITG24-325	15,010	15,230	15,544	15,860	15,840	15,900	16,224	13,270	13,488	13,924	14,203	1,787	749	350
	ITG34-390	17,047	17,344	17,848	18,322	18,292	18,382	18,835	14,716	15,015	15,779	16,095	2,004	749	425
	ITG34-510	18,636	18,968	19,437	19,911	19,881	19,971	20,459	15,975	16,297	17,491	17,841	2,004	749	530

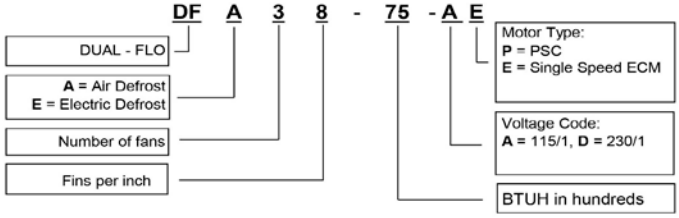
1. Liquid (TXV Bypass) check valve is shipped loose for field installation. Consult factory for installed liquid check valve pricing.
2. Hot Gas 3 pipe defrost models include factory installed fixed defrost terminator and fan delay controls.
3. ** These 460V/1 models use 1/3 HP motors for all units.

NOTE: Units with dual speed motors include a relay which controls motor speed when wired to the room T-stat. Field wiring is required unless T-Stat is factory mounted. Variable speed motors require a field supplied controller.

Specify voltage when ordering.
See page 11 for voltage codes.

DUAL-FLO
DUAL DISCHARGE - LOW SILHOUETTE UNIT COOLERS

Center mount with two way air discharge.
Designed for applications that require minimal coil height.





c UL us NSF

AIR DEFROST MODELS

Model Number	EC Motors† Single Speed		PSC[1] Motors	Approx. Ship Wt. (LBS.)	INSULATED DRAIN PAN
	115V/1	230V/1	115V		
DFA38-75	$2,855	$3,144	$2,052	95	$4,034
DFA38-88	3,618	3,901	2,503	100	4,034
DFA38-98	3,991	4,455	2,799	105	4,034
DFA48-112	4,218	4,625	3,126	125	4,790
DFA48-130	4,364	5,397	3,465	130	4,790
DFA48-150	5,411	5,912	3,691	135	4,790
DFA58-162	5,873	6,443	4,153	150	5,380
DFA48-210	6,867	7,476	4,585	155	4,790
DFA58-230	7,611	9,627	5,147	165	5,380
DFA68-250	9,130	9,921	6,262	185	6,483
DFA36-64	2,799	2,911	2,012	90	4,034
DFA36-82	3,548	3,612	2,454	95	4,034
DFA36-93	3,913	4,125	2,744	100	4,034
DFA46-100	4,135	4,282	3,065	120	4,790
DFA46-123	4,837	4,997	3,397	125	4,790
DFA46-140	5,305	5,474	3,619	130	4,790
DFA56-157	5,758	5,966	4,072	145	5,380
DFA46-190	6,732	6,922	4,495	150	4,790
DFA56-208	7,468	7,710	5,046	160	5,380
DFA66-232	8,951	9,186	6,139	180	6,483

ELECTRIC DEFROST MODELS

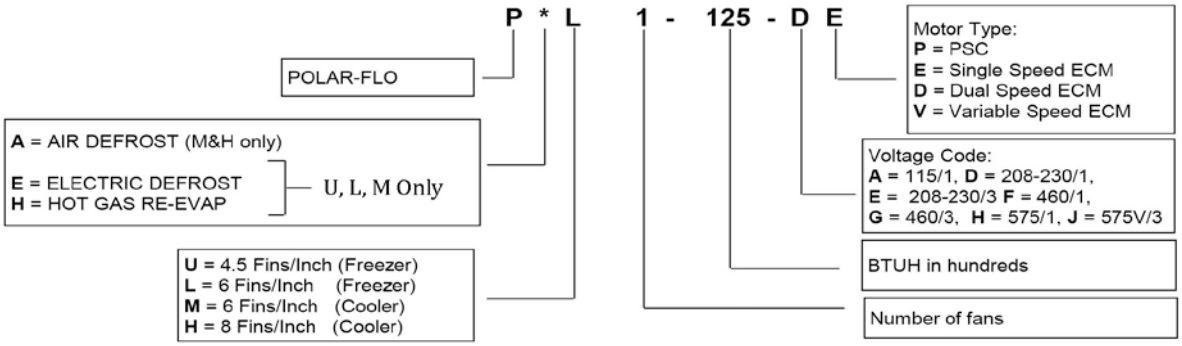
MODEL NUMBER	EC Motors† Single Speed	Approx. Ship Wt. (LBS.)	INSULATED DRAIN PAN
	230V/1		
DFE36-53	$4,527	95	$4,034
DFE36-62	4,675	100	4,034
DFE36-69	4,665	105	4,034
DFE46-77	5,371	125	4,790
DFE46-90	6,009	130	4,790
DFE46-100	6,280	135	4,790
DFE56-125	6,525	150	5,380
DFE46-140	7,526	155	4,790
DFE56-160	8,431	165	5,380
DFE66-218	10,366	185	6,483
DFE34-48	3,270	90	4,034
DFE34-58	4,544	95	4,034
DFE34-65	4,682	100	4,034
DFE44-72	5,362	120	4,790
DFE44-84	5,978	125	4,790
DFE44-95	5,993	130	4,790
DFE54-115	6,255	145	5,380
DFE44-128	6,492	150	4,790
DFE54-145	7,517	160	5,380
DFE64-173	8,444	180	6,483

1. PSC motors are not available for models with 230V/1 requirements. Use models with EC motors for 230V/1 applications.
EC motors are not Available in 460V/1 for these models. †Use single speed EC motors for 50HZ operation.
All units are provided with sweat refrigerant connections. 230V/1/60 models also valid for 208V/1/60
Specify voltage when ordering. See page 5 for an example of available voltage and motor codes.

POLAR-FLO
HIGH PERFORMANCE WAREHOUSE UNIT COOLERS



c UL us



POLAR-FLO
HIGH PERFORMANCE WAREHOUSE UNIT COOLERS

STANDARD FEATURES

- All units suitable for R-404a, R-507, R-22, R-502, R-134a
- Textured Aluminum Construction
- U.L. approved epoxy coated wire fan guards
- All 2 through 6 fan models shipped upright for easier installation
- Adjustable defrost termination and fan delay
- PSC motors with overload protection
- All electrical components are factory wired to a terminal board, and with connection points clearly marked for easy identification
- Partitioned fan sections

ORDERING INFORMATION REQUIRED

1. Model number
2. Motor electrical wiring connections (voltage, phase, frequency)
3. Heater wiring connections (voltage, phase, frequency)
4. Evaporator temperature, T.D. and refrigerant type

OPTIONS

DESCRIPTION	LIST PRICE
Air Straightener - Fan Guards (price per fan)	$434
Copper Finned Coil	Contact factory
Coated Coil (ElectroFin, Heresite, etc.)	Contact factory

AIR DEFROST - ROOM TEMPERATURE 35°F AND ABOVE

Model Number	Electronically Commutated Motors1							Single Speed PSC Motors[1]				Inherent 3 Phase Motors	
	Single Speed	Dual Speed			Variable Speed								
	115V / 230V/1	115V/1	208-230V/1	460V/1**	115V/1	208-230V/1	460V/1	115V/1	208-230V/1	460V/1	575V/1	208-230V/3	460V/3
PAH1-182	$5,225	$5,479	$5,492	$5,650	$5,640	$5,670	$5,722	$4,519	$4,519	$4,747	$4,842	N/A	N/A
PAH1-232	5,827	6,081	6,094	6,252	6,242	6,272	6,324	5,121	5,121	5,559	5,671	N/A	N/A
PAH2-300	8,754	9,262	9,288	9,604	9,584	9,644	9,748	7,342	7,342	7,584	7,737	N/A	N/A
PAH2-365	9,602	10,110	10,136	10,452	10,432	10,492	10,596	8,190	8,190	8,591	8,764	N/A	N/A
PAH2-433	11,145	11,653	11,679	11,995	11,975	12,035	12,139	9,733	9,733	10,213	10,418	N/A	N/A
PAH2-490	12,307	12,815	12,841	13,157	13,137	13,197	13,301	10,895	10,895	11,437	11,667	N/A	N/A
PAH3-530	12,673	13,435	13,474	13,948	13,918	14,008	14,164	10,555	10,555	11,022	11,244	N/A	N/A
PAH3-648	14,090	14,852	14,891	15,365	15,335	15,425	15,581	11,972	11,972	12,339	12,586	N/A	N/A
PAH3-736	16,864	17,626	17,665	18,139	18,109	18,199	18,355	14,746	14,746	15,373	15,681	N/A	N/A
PAH4-866	17,599	18,615	18,667	19,299	19,259	19,379	19,587	14,775	14,775	15,517	15,828	N/A	N/A
PAH4-980	19,103	20,119	20,171	20,803	20,763	20,883	21,091	16,279	16,279	17,244	17,589	N/A	N/A
PAH4-1100	20,810	21,826	21,878	22,510	22,470	22,590	22,798	17,986	17,986	18,891	19,269	N/A	N/A
PAH4-1452†	28,845	N/A	30,193	30,685	N/A	30,937	31,185	N/A	25,453	26,723	27,258	27,863	27,863
PAH4-1821†	35,524	N/A	36,872	37,364	N/A	37,616	37,864	N/A	32,132	33,743	34,418	34,523	34,523
PAH5-2275†	37,971	N/A	39,656	40,271	N/A	40,586	40,896	N/A	33,731	35,867	36,858	37,495	37,495
PAH6-2730†	45,241	N/A	47,263	48,001	N/A	48,379	48,751	N/A	40,153	41,777	42,614	45,549	45,549
PAM1-164	5,077	5,331	5,344	5,502	5,492	5,522	5,574	4,371	4,371	4,587	4,680	N/A	N/A
PAM1-209	5,764	6,018	6,031	6,261	6,179	6,209	6,261	5,058	5,058	5,304	5,410	N/A	N/A
PAM2-270	8,752	9,260	9,286	9,602	9,582	9,642	9,746	7,340	7,340	7,709	7,864	N/A	N/A
PAM2-329	9,564	10,072	10,098	10,414	10,394	10,454	10,558	8,152	8,152	8,560	8,732	N/A	N/A
PAM2-390	10,845	11,353	11,379	11,695	11,675	11,735	11,839	9,433	9,433	9,900	10,098	N/A	N/A
PAM2-441	12,074	12,582	12,608	12,924	12,904	12,964	13,068	10,662	10,662	11,188	11,412	N/A	N/A
PAM3-583	12,924	13,686	13,725	14,199	14,169	14,259	14,415	10,806	10,806	10,877	11,096	N/A	N/A
PAM3-662	14,072	14,834	14,873	15,347	15,317	15,407	15,563	11,954	11,954	12,379	12,628	N/A	N/A
PAM4-780	16,673	17,689	17,741	18,373	18,333	18,453	18,661	13,849	13,849	14,255	14,541	N/A	N/A
PAM4-882	17,770	18,786	18,838	19,470	19,430	19,550	19,758	14,946	14,946	15,377	15,685	N/A	N/A
PAM4-1100†	21,318	N/A	22,666	23,158	N/A	23,410	23,658	N/A	17,926	19,332	19,719	N/A	N/A
PAM4-1320†	28,731	N/A	30,079	30,571	N/A	30,823	31,071	N/A	25,339	26,373	26,901	27,731	27,731
PAM4-1656†	30,534	N/A	31,882	32,374	N/A	32,626	32,874	N/A	27,142	27,943	28,503	29,535	29,535
PAM5-2065†	35,049	N/A	36,734	37,809	N/A	37,664	37,974	N/A	30,809	32,882	33,540	34,523	34,523
PAM6-2480†	43,181	N/A	44,866	45,941	N/A	46,319	46,691	N/A	38,093	39,060	39,842	43,501	43,501

MODEL NUMBER	HT.EXCH @10 T.D./R404A		Insulated Drain Pan	Approx. Ship Wt (LBS)
	MODEL	LIST		
PAH1-182	HX-150	$311	$2,330	210
PAH1-232	HX-150	311	2,330	230
PAH2-300	HX-250	497	2,610	370
PAH2-365	HX-250	497	2,610	410
PAH2-433	HX-250	497	2,610	435
PAH2-490	HX-250	497	2,610	458
PAH3-530	HX-250	497	2,890	550
PAH3-648	HX-350	509	2,890	600
PAH3-736	HX-350	509	2,890	635
PAH4-866	HX-350	509	3,127	690
PAH4-980	HX-500	808	3,127	746
PAH4-1100	(2) HX-350	1,018	3,127	785
PAH4-1452†	(2) HX-350	1,018	3,127	905
PAH4-1821†	(2) HX-500	1,616	3,127	930
PAH5-2275†	(2) HX-500	1,616	2,992	1,160
PAH6-2730†	(2) HX-500	1,616	3,695	1,395

MODEL NUMBER	HT.EXCH @10 T.D./R404A		Insulated Drain Pan	Approx. Ship Wt. (LBS)
	MODEL	LIST		
PAM1-164	HX-150	$311	$2,330	200
PAM1-209	HX-150	311	2,330	220
PAM2-270	HX-250	497	2,610	360
PAM2-329	HX-250	497	2,610	400
PAM2-390	HX-250	497	2,610	425
PAM2-441	HX-250	497	2,610	446
PAM3-583	HX-350	509	2,890	585
PAM3-662	HX-350	509	2,890	620
PAM4-780	HX-350	509	3,127	675
PAM4-882	HX-350	509	3,127	726
PAM4-1100†	(2) HX-350	1,018	3,127	830
PAM4-1320†	(2) HX-350	1,018	3,127	885
PAM4-1656†	(2) HX-500	1,616	3,127	910
PAM5-2065†	(2) HX-500	1,616	3,412	1,135
PAM6-2480†	(2) HX-500	1,616	3,695	1,365

1. Motors are single phase. 3 thru 6 fan models are delta wired for 3 phase supply voltage unless otherwise specified.
2. Single speed Electronically Commutated motors are not available in 460V or 575V.

† 115V motors are not available for these mode 230V motors are suitable for 208V operation.

Specify voltage and motor type when ordering. See page 13 for codes and nomenclature.

POLAR-FLO
HIGH PERFORMANCE WAREHOUSE UNIT COOLERS

ELECTRIC DEFROST - LOW TEMPERATURE - BELOW +20°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Ht.Exch @10° TD		Insulated Drain Pan	Approx. Ship Wt (LBS)
	Single Speed	Dual Speed		Variable Speed										
	208-230V/1 ††	208-230V/1	460V/1	208-230V/1	460V/1	230V/1	460V/1	575V/1	208-230V/3	460V/3	MODEL	LIST		
PEL1-125	N/A	N/A	N/A	N/A	N/A	$4,884	$5,317	$5,424	N/A	N/A	HX-150	$311	$2,330	180
PEL1-152	N/A	N/A	N/A	N/A	N/A	5,419	6,001	6,122	N/A	N/A	HX-150	311	2,330	200
PEL1-193	N/A	N/A	N/A	N/A	N/A	6,689	7,126	7,269	N/A	N/A	HX-150	311	2,330	220
PEL2-240	N/A	N/A	N/A	N/A	N/A	9,223	9,686	9,880	N/A	N/A	HX-250	497	2,610	360
PEL2-304	N/A	N/A	N/A	N/A	N/A	10,073	10,576	10,788	N/A	N/A	HX-250	497	2,610	400
PEL2-361	$12,970	$13,644	$13,890	$14,016	$14,140	11,274	11,834	12,071	12,180	12,180	HX-350	509	2,610	425
PEL2-408	13,902	14,576	14,822	14,948	15,072	12,206	12,377	12,625	13,112	13,112	HX-350	509	2,610	446
PEL3-445	15,181	16,192	16,561	16,750	16,936	12,637	12,779	13,035	13,996	13,996	HX-500	808	2,890	525
PEL3-540	16,921	17,932	18,301	18,490	18,676	14,377	15,100	15,402	15,733	15,733	HX-500	808	2,890	585
PEL3-613	18,199	19,210	19,579	19,768	19,954	15,655	16,406	16,735	17,466	17,466	HX-500	808	2,890	620
PEL3-660	19,999	21,010	21,379	21,568	21,754	17,455	18,248	18,614	19,247	19,247	HX-500	808	2,890	645
PEL4-722	21,292	22,640	23,132	23,384	23,632	17,900	19,607	19,999	20,306	20,306	HX-500	808	3,127	675
PEL4-817	26,288	27,636	28,128	28,380	28,628	22,896	24,042	24,524	25,301	25,301	HX-500	808	3,127	726
PEL4-950*	28,794	30,142	30,634	30,886	31,134	25,402	25,920	26,439	27,796	27,796	HX-500	808	3,127	850
PEL4-1100*	29,132	30,480	30,972	31,224	31,472	25,740	26,706	27,241	28,141	28,141	(2) HX-500	1,616	3,127	885
PEL4-1260*	33,596	34,944	35,436	35,688	35,936	30,204	30,865	31,483	32,616	32,616	(2) HX-500	1,616	3,127	900
PEL4-1380*	36,333	37,681	38,173	38,425	38,673	32,941	33,787	34,464	35,353	35,353	(2) HX-500	1,616	3,127	910
PEL5-1575*	45,335	47,020	47,635	47,950	48,260	41,095	44,223	45,108	44,875	44,875	(2) HX-500	1,616	3,412	1,125
PEL5-1725*	48,459	50,144	50,759	51,074	51,384	44,219	45,634	48,547	45,668	45,668	(2) HX-500	1,616	3,412	1,175
PEL6-1890*	53,049	55,071	55,809	56,187	56,559	48,321	51,564	52,596	49,914	49,914	(2) HX-500	1,616	3,695	1,345
PEL6-2070*	59,416	61,438	62,176	62,554	62,926	54,328	55,453	56,563	56,041	56,041	(2) HX-500	1,616	3,695	1,365
PEU1-118	N/A	N/A	N/A	N/A	N/A	5,586	5,864	N/A	N/A	N/A	HX-150	311	2,330	180
PEU2-236	N/A	N/A	N/A	N/A	N/A	9,753	10,237	N/A	N/A	N/A	HX-250	497	2,610	370
PEU2-355	14,181	15,192	15,561	15,750	15,936	12,485	12,659	12,913	13,391	13,391	HX-350	509	2,610	440
PEU3-474	17,092	18,440	18,932	19,184	17,092	14,548	14,648	14,941	15,934	15,934	HX-350	509	2,890	570
PEU4-711	21,999	23,347	23,839	24,091	24,339	18,607	18,849	19,227	20,972	20,972	HX-500	808	3,127	665
PEU4-851*	28,367	29,715	30,207	30,459	30,707	24,975	25,174	25,679	27,387	27,387	(2) HX-500	1,616	3,127	875
PEU4-1080*	32,581	33,929	34,421	34,673	34,921	29,189	30,131	30,734	31,588	31,588	(2) HX-500	1,616	3,127	900
PEU5-1350*	44,860	46,545	47,160	47,475	47,785	40,620	41,257	42,083	44,341	44,341	(2) HX-500	1,616	3,412	1,125
PEU6-1620*	56,310	58,332	59,070	59,448	59,820	51,222	55,301	56,408	56,617	56,617	(2) HX-500	1,616	3,695	1,350

ELECTRIC DEFROST - MEDIUM TEMPERATURE - ABOVE + 30°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Ht.Exch @10° TD		Insulated Drain Pan	Approx. Ship Wt (LBS)
	Single Speed	Dual Speed		Variable Speed										
	208-230V/1††	208-230V/1	460V/1	208-230V/1	460V/1	230V/1	460V/1	575V/1	208-230V/3	460V/3	MODEL	LIST		
PEM1-164	$6,321	$6,588	$6,746	$6,766	$6,818	$5,615	$5,901	$6,020	N/A	N/A	HX-150	$311	$2,330	200
PEM1-209	7,323	7,590	7,748	7,768	7,820	6,617	7,055	7,196	N/A	N/A	HX-150	311	2,330	220
PEM2-270	9,958	10,492	10,808	10,848	10,952	8,546	9,108	9,291	N/A	N/A	HX-250	497	2,610	360
PEM2-329	11,246	11,780	12,096	12,136	12,240	9,834	10,481	10,691	N/A	N/A	HX-250	497	2,610	400
PEM2-390	13,236	13,770	14,086	14,126	14,230	11,824	12,287	12,534	N/A	N/A	HX-250	497	2,610	425
PEM2-441	14,465	14,999	15,315	15,355	15,459	13,053	13,706	13,981	N/A	N/A	HX-250	497	2,610	446
PEM3-583	17,218	18,019	18,493	18,553	18,709	15,100	16,104	16,426	15,667	15,667	HX-350	509	2,890	585
PEM3-662	18,546	19,347	19,821	19,881	20,037	16,428	17,089	17,431	17,092	17,092	HX-350	509	2,890	620
PEM4-780	22,274	23,342	24,114	24,054	24,262	19,450	19,661	20,055	20,456	20,456	HX-350	509	3,127	675
PEM4-882	25,858	26,926	27,698	27,638	27,846	23,034	23,887	24,365	24,559	24,559	HX-350	509	3,127	726
PEM4-1100	29,380	30,728	31,220	31,472	31,720	25,988	27,287	27,833	27,466	27,466	(2) HX-350	1,018	3,127	830
PEM4-1320	35,725	37,073	37,565	37,817	38,065	32,333	34,460	35,150	33,816	33,816	(2) HX-350	1,018	3,127	885
PEM4-1656	46,396	47,744	48,236	48,488	48,736	43,004	44,475	45,365	44,555	44,555	(2) HX-500	1,616	3,127	910
PEM5-2065	57,280	58,965	59,580	59,895	60,205	53,040	54,353	55,440	54,760	54,760	(2) HX-500	1,616	3,412	1,140
PEM6-2480	66,491	68,513	69,251	69,629	70,001	59,041	60,329	61,536	62,023	62,023	(2) HX-500	1,616	3,695	1,365

NOTES : 1. Standard motors are single phase. Three thru six fan models are delta wired for 3 phase supply unless otherwise specified.
2. Single speed Electronically Commutated motors are not available in 460V or 575V. 230V motors are suitable for 208V operation.

* - 2 liq. and suction connections per evaporator - 2 TXV's needed when ordering with unit. EC motors not available for models with 1625 RPM motors.

†† EC motors only available in single phase. Can be delta wired for 3 phase operation.

Ordering Information Required:

1. Model Number.
2. Motor type (PSC or ECM)
3. Electrical connections (voltage/phase/frequency). See page 13 for codes and nomenclature.
4. Evaporator temperature, T.D. and refrigerant type

POLAR-FLO
HOT GAS 3 PIPE DEFROST

LOW TEMPERATURE - BELOW + 20°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Ht. Exch./Re-Evap No Longer Avaialble	Insulated Drain Pan	Approx. Ship Wt. (LBS.)
	Single Speed	Dual Speed		Variable Speed									
	230V/1 ††	230V/1	460V/1	230V/1	460V/1	230V/1	460V/1	575V/1	208-230V/3	460V/3			
PHL1-125	N/A	N/A	N/A	N/A	N/A	$6,015	$6,315	N/A	N/A	N/A	Discontinued	$2,330	180
PHL1-152	N/A	N/A	N/A	N/A	N/A	6,512	6,837	N/A	N/A	N/A	Discontinued	2,330	200
PHL1-193	N/A	N/A	N/A	N/A	N/A	7,620	7,994	N/A	N/A	N/A	Discontinued	2,330	220
PHL2-240	N/A	N/A	N/A	N/A	N/A	10,642	11,175	N/A	N/A	N/A	Discontinued	2,610	370
PHL2-304	N/A	N/A	N/A	N/A	N/A	11,481	12,059	N/A	N/A	N/A	Discontinued	2,610	400
PHL2-361	$15,508	$16,182	$16,428	$16,554	$16,678	13,812	14,501	$14,792	N/A	N/A	Discontinued	2,610	425
PHL2-408	17,027	17,701	17,947	18,073	18,197	15,331	16,096	16,418	N/A	N/A	Discontinued	2,610	446
PHL3-445	18,744	19,755	20,124	20,313	20,499	16,200	17,017	17,358	$16,200	$16,200	Discontinued	2,890	525
PHL3-540	20,333	21,344	21,713	21,902	22,088	17,789	18,682	19,056	17,789	17,789	Discontinued	2,890	585
PHL3-613	21,059	22,070	22,439	22,628	22,814	18,642	19,573	19,965	18,642	18,642	Discontinued	2,890	620
PHL3-660	22,643	23,654	24,023	24,212	24,398	20,226	21,242	21,666	20,226	20,226	Discontinued	2,890	645
PHL4-722	26,241	27,589	28,081	28,333	28,581	22,713	23,850	24,327	22,713	22,713	Discontinued	3,127	675
PHL4-817	30,579	31,927	32,419	32,671	32,919	27,051	28,400	28,968	27,051	27,051	Discontinued	3,127	726
PHL4-950*	34,765	36,113	36,605	36,857	37,105	31,441	33,015	33,675	31,441	31,441	Discontinued	3,127	850
PHL4-1100*	39,380	40,728	41,220	41,472	41,720	35,988	37,788	38,544	35,988	35,988	Discontinued	3,127	885
PHL4-1260*	44,925	46,273	46,765	47,017	47,265	41,533	43,604	44,477	41,533	41,533	Discontinued	3,127	900
PHL4-1380*	49,471	50,819	51,311	51,563	51,811	46,079	48,383	49,351	46,079	46,079	Discontinued	3,127	910
PHU1-118	N/A	N/A	N/A	N/A	N/A	6,429	6,747	N/A	N/A	N/A	Discontinued	2,330	180
PHU2-236	N/A	N/A	N/A	N/A	N/A	11,450	12,019	N/A	N/A	N/A	Discontinued	2,610	370
PHU2-355	17,489	18,163	18,409	18,535	18,659	15,793	16,580	16,912	N/A	N/A	Discontinued	2,610	440
PHU3-474	22,802	23,813	24,182	24,371	24,557	20,258	20,901	21,320	21,749	21,749	Discontinued	2,890	570
PHU4-711	32,089	33,100	33,469	33,658	33,844	28,697	30,127	30,730	30,685	30,685	Discontinued	3,127	665
PHU4-851*	36,885	37,896	38,265	38,454	38,640	33,493	35,169	35,873	35,481	35,481	Discontinued	3,127	875
PHU4-1080*	47,378	48,389	48,758	48,947	49,133	43,986	46,188	47,112	45,974	45,974	Discontinued	3,127	900

MEDIUM TEMPERATURE - ABOVE + 28°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Ht. Exch./Re-Evap No Longer Available	Insulated Drain Pan	Approx. Ship Wt. (LBS.)
	Single Speed	Dual Speed		Variable Speed									
	115/230V/1 ††	230V/1	460V/1	230V/1	460V/1	115V/230V	460V/1	575V/1	208-230V/3	460V/3			
PHM1-164	$6,956	$7,223	$7,381	$7,401	$7,453	$6,250	$6,561	$6,693	N/A	N/A	Discontinued	$2,330	200
PHM1-209	7,738	8,005	8,163	8,183	8,235	7,060	7,410	7,558	N/A	N/A	Discontinued	2,330	220
PHM2-270	11,074	11,608	11,924	11,964	12,068	9,690	10,173	10,376	N/A	N/A	Discontinued	2,610	360
PHM2-329	12,052	12,586	12,902	12,942	13,046	10,676	11,216	11,440	N/A	N/A	Discontinued	2,610	400
PHM2-390	14,110	14,644	14,960	15,000	15,104	12,754	13,386	13,653	N/A	N/A	Discontinued	2,610	425
PHM2-441	17,193	17,727	18,043	18,083	18,187	15,696	16,478	16,808	N/A	N/A	Discontinued	2,610	446
PHM3-583	20,067	20,868	21,342	21,402	21,558	17,843	18,736	19,110	18,484	18,484	Discontinued	2,890	585
PHM3-662	20,946	21,747	22,221	22,281	22,437	18,828	19,770	20,166	19,405	19,405	Discontinued	2,890	620
PHM4-780	23,604	24,672	25,304	25,384	25,592	20,780	21,815	22,252	21,630	21,630	Discontinued	3,127	675
PHM4-882	27,770	28,838	29,470	29,550	29,758	24,946	26,193	26,717	25,776	25,776	Discontinued	3,127	726
PHM4-1100†	32,844	34,192	34,684	34,936	35,184	29,452	30,935	31,554	30,246	30,246	Discontinued	3,127	830
PHM4-1320†	38,324	39,672	40,164	40,416	40,664	34,932	36,673	37,407	35,813	35,813	Discontinued	3,127	885
PHM4-1656†	48,412	49,760	50,252	50,504	50,752	45,020	47,270	48,216	45,833	45,833	Discontinued	3,127	910

† - Models not available with 115V motors.

230V motors are suitable for 208V operation.

* - Two liquid and suction connections per evaporator - 2 TXV's required.

EC motors are not available for models with 1625 RPM motors.

NOTES:
1. Standard motors are single phase. 3 thru 6 fan models are delta wired for 3 phase supply.
2. Single speed Electronically Commutated motors are not available in 460V or 575V.
3. Models with 24" fans not available with 115V motors.

†† EC motors only available in single phase. Can be delta wired for 3 phase operation.

Ordering Information Required:
1. Model Number
2. Electrical connections (voltage/phase/frequency). See page 13 for voltage codes and an example of nomenclature layout.
3. Evaporator temperature, T.D. and refrigerant type

POLAR-FLO
HOT GAS - REVERSE CYCLE

LOW TEMPERATURE - BELOW + 20°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Insulated Drain Pan	Ht.Exch @10° TD		Approx. Ship Wt. (LBS.)
	Single Speed	Dual Speed		Variable Speed										
	230V/1 ††	230V/1	460V/1	230V/1	460V/1	230V/1	460V/1	575V/1	208-230V/3	460V/3		MODEL	LIST	
PGL1-125	N/A	N/A	N/A	N/A	N/A	$5,272	$5,536	N/A	N/A	N/A	$2,330	HX-150	$311	180
PGL1-152	N/A	N/A	N/A	N/A	N/A	5,775	6,060	N/A	N/A	N/A	2,330	HX-150	311	200
PGL1-193	N/A	N/A	N/A	N/A	N/A	6,754	7,098	N/A	N/A	N/A	2,330	HX-150	311	220
PGL2-240	N/A	N/A	N/A	N/A	N/A	9,331	9,796	N/A	N/A	N/A	2,610	HX-250	497	370
PGL2-304	N/A	N/A	N/A	N/A	N/A	10,176	10,685	N/A	N/A	N/A	2,610	HX-250	497	400
PGL2-361	$13,269	$13,606	$13,729	$13,792	$13,854	11,573	12,039	$12,280	$13,190	$13,190	2,610	HX-350	509	425
PGL2-408	13,994	14,331	14,454	14,517	14,579	12,298	12,791	13,047	13,957	13,957	2,610	HX-350	509	446
PGL3-445	17,936	18,273	18,396	18,459	18,521	14,985	15,585	15,897	16,571	16,571	2,890	HX-500	808	525
PGL3-540	19,519	19,856	19,979	20,042	20,104	16,644	17,309	17,655	18,167	18,167	2,890	HX-500	808	585
PGL3-613	19,968	20,305	20,428	20,491	20,553	17,195	17,885	18,243	18,820	18,820	2,890	HX-500	808	620
PGL3-660	21,232	21,569	21,692	21,755	21,817	18,383	19,117	19,499	20,590	20,590	2,890	HX-500	808	645
PGL4-722	23,883	24,220	24,343	24,406	24,468	20,321	21,034	21,455	23,476	23,476	3,127	HX-500	808	675
PGL4-817	27,756	28,093	28,216	28,279	28,341	24,195	24,681	25,174	27,533	27,533	3,127	HX-500	808	726
PGL4-950*	30,418	30,755	30,878	30,941	31,003	26,958	27,764	28,319	30,123	30,123	3,127	HX-500	808	850
PGL4-1100*	31,687	32,024	32,147	32,210	32,272	28,194	28,668	29,242	31,416	31,416	3,127	(2) HX-500	1,616	885
PGL4-1260*	35,399	35,736	35,859	35,922	35,984	31,939	32,901	33,559	35,964	35,964	3,127	(2) HX-500	1,616	900
PGL4-1380*	38,924	39,261	39,384	39,447	39,509	35,464	36,969	37,709	39,697	39,697	3,127	(2) HX-500	1,616	910
PGL5-1575*	43,136	43,473	43,596	43,659	43,721	38,896	43,853	44,731	43,451	43,451	3,412	(2) HX-500	1,616	1,125
PGL5-1725*	46,590	46,927	47,050	47,113	47,175	42,350	44,720	45,615	47,974	47,974	3,412	(2) HX-500	1,616	1,175
PGL6-1890*	52,901	53,238	53,361	53,424	53,486	48,017	49,697	50,691	54,589	54,589	3,695	(2) HX-500	1,616	1,250
PGL6-2070*	57,263	57,600	57,723	57,786	57,848	52,684	57,036	58,177	59,674	60,170	3,695	(2) HX-500	1,616	1,300
PGU1-118	N/A	N/A	N/A	N/A	N/A	5,518	5,797	N/A	N/A	N/A	$2,330	HX-150	$311	180
PGU2-236	N/A	N/A	N/A	N/A	N/A	9,838	10,333	N/A	N/A	N/A	2,610	HX-250	497	370
PGU2-355	15,959	16,633	16,879	17,528	17,714	13,871	14,380	15,959	14,777	14,777	2,610	HX-350	509	440
PGU3-474	18,859	19,870	20,239	20,951	21,199	16,709	17,559	18,859	17,886	17,886	2,890	HX-350	509	570
PGU4-711	25,533	26,881	27,373	27,625	27,873	19,225	19,532	25,533	24,424	24,424	3,127	HX-500	808	665
PGU4-851*	30,864	32,212	32,704	32,956	33,204	24,962	25,820	30,864	29,950	29,950	3,127	(2) HX-500	1,616	875
PGU4-1080*	33,875	35,223	35,715	35,967	36,215	28,959	30,946	33,875	34,420	34,420	3,127	(2) HX-500	1,616	900
PGU5-1350*	45,851	47,536	48,151	48,466	48,776	40,878	43,337	45,851	50,066	50,066	3,412	(2) HX-500	1,616	1,150
PGU6-1620*	60,444	60,444	61,824	63,582	63,954	56,781	61,472	60,444	66,441	66,441	3,695	(2) HX-500	1,616	1,275

MEDIUM TEMPERATURE - ABOVE + 30°F ROOM

Model Number	Electronically Commutated Motors					Single Speed PSC Motors			3 Phase Motors		Insulated Drain Pan	Ht.Exch @10° TD		Approx. Ship Wt. (LBS.)
	Single Speed	Dual Speed		Variable Speed										
	115V / 230V/1	230V/1	460V/1	230V/1	460V/1	230V/1	460V/1	575V/1	208-230V/3	460V/3		MODEL	LIST	
PGM1-164	$6,584	$6,851	$7,009	$7,029	$7,081	$5,836	$6,132	$6,254	N/A	N/A	$2,330	HX-150	$311	200
PGM1-209	7,346	7,613	7,771	7,791	7,843	6,625	6,951	7,090	N/A	N/A	2,330	HX-150	311	220
PGM2-270	10,323	10,857	11,173	11,213	11,317	8,883	9,332	9,519	N/A	N/A	2,610	HX-250	497	360
PGM2-329	11,279	11,813	12,129	12,169	12,273	9,838	10,328	10,535	N/A	N/A	2,610	HX-250	497	400
PGM2-390	13,336	13,870	14,186	14,226	14,330	11,896	12,493	12,743	N/A	N/A	2,610	HX-250	497	425
PGM2-441	17,073	17,607	17,923	17,963	18,067	15,407	16,179	16,503	N/A	N/A	2,610	HX-250	497	446
PGM3-583	19,941	20,742	21,216	21,276	21,432	17,463	18,330	18,696	$18,879	$18,879	2,890	HX-350	509	585
PGM3-662	20,913	21,714	22,188	22,248	22,404	18,435	19,358	19,745	20,179	20,179	2,890	HX-350	509	620
PGM4-780	21,956	23,024	23,656	23,736	23,944	18,793	21,509	21,939	22,521	22,521	3,127	HX-350	509	675
PGM4-882	26,063	27,131	27,763	27,843	28,051	22,815	26,542	27,073	27,503	27,503	3,127	HX-350	509	726
PGM4-1100†	31,745	33,093	33,585	33,837	34,085	28,082	29,488	30,077	31,068	31,068	3,127	(2) HX-350	1,018	830
PGM4-1320†	35,931	37,279	37,771	38,023	38,271	32,370	33,986	34,666	40,692	40,692	3,127	(2) HX-350	1,018	885
PGM4-1656†	42,859	44,207	44,699	44,951	45,199	38,534	42,612	43,464	48,962	48,962	3,127	(2) HX-500	1,616	910
PGM5-2065†	47,519	49,204	49,819	50,134	50,444	43,194	53,259	54,324	59,463	59,463	3,412	(2) HX-500	1,616	1,130
PGM6-2480†	57,693	59,715	60,453	60,831	61,203	53,143	61,401	62,629	68,329	68,329	3,695	(2) HX-500	1,616	1,250

† - These models not available with 115V motors.

* Two liquid and suction connections per evaporator - 2 TX's required.

1. Standard motors are single phase. Three thru six fan models are delta wired for 3 phase supply voltage.
2. List adder - Liquid TEV bypass check valve, shipped loose. $364 (Through 270), $1003 (Through 583), $1590 (Through 2840).
3. Single speed Electronically Commutated motors are not available in 460V or 575V.
4. Models with 24" fans not available with 115V motors.

230V motors are suitable for 208V operation.

†† ELM motors only available in single phase. Can be delta wired for 3 phase operation.

EC motors not available for models with 1625 RPM motors.

Ordering Information Required:

1. Model Number.
2. Electrical connections (voltage/phase/frequency). See page 13 for codes and nomenclature layout.
3. Evaporator temperature, TAD. and refrigerant type

SYSTEM PRICING EXAMPLES

Example 1: 5 HP, R-404A +35°F cooler matched with 2 unit coolers, 95°F summer ambient, 10°F winter ambient.

QTY.			LIST PRICE
1	**WFDS05M4SEA Outdoor Condensing Unit 230/3/60** 53,000 BTUH @ 25° S.T. and 95 ambient		$20,737
2	SA46-230B-AE Unit Coolers 115V/1/60		11,876
Field installed components			
2	Thermostatic expansion valves		630
1	Liquid line solenoid valve		302
1	Room thermostat		274
Optional accessories			
1	Air defrost timer installed		532
		TOTAL LIST PRICE	**$34,351**
1	Additional 4 year Compressor Protection Plan	NET PRICE	$454

Example 2: 10HP, R-404a, -10°F Freezer, matched with 2 unit coolers 95°F Summer ambient, 35°F winter ambient

QTY.			
1	**WFDS10L4SEA Outdoor Condensing 230/3/60** 50,300 BTUH @ -20° S.T. and 95° ambient		$36,077
1	DMB35 Electric defrost provisions, factory installed		2,050
2	PEL2-304 unit coolers, 230/1/60 motors, 230/3/60 defrost 25,150 BTUH each @ 9 T.D.		20,146
Field installed components			
2	Thermostatic expansion valves		1,058
1	Liquid line solenoid valve		437
1	Room thermostat		274
Optional accessories			
1	Suction Accumulator		1,109
1	Oil separator		1,369
2	RXH - 350 Heat exchangers (field installed)		1,018
		TOTAL LIST PRICE	**$63,538**
1	Additional 4 year Compressor Protection Plan	NET PRICE	$821

OPTIONAL SYSTEM COMPONENTS

HEAT EXCHANGERS - Shipped Loose

MODEL NUMBER	PART NUMBER	LIST PRICE	CONNECTIONS		APPROX. LENGTH
			LIQUID	SUCTION	
HX-25	105065001	$150	1/4	1/2	12
HX-50	105065003	176	3/8	5/8	13
HX-75	105065004	243	3/8	7/8	14
HX-100	105065005	311	3/8	1-1/8	14
HX-150	105065006	359	1/2	1-1/8	14
HX-250	105065007	497	5/8	1-3/8	14
HX-350	105065008	509	5/8	1-5/8	16
HX-500	105065009	808	7/8	2-1/8	17
LHX-15	105065010	2,218	7/8	2-1/8	30
LHX-20	105065011	2,374	1-1/8	2-1/8	30
LHX-25	105065012	2,542	1-1/8	2-5/8	38

EXPANSION VALVES

BALANCED PORT TXV'S		List
1/4 - 3 Tons	Loose	$320
	Installed	362
4 - 9 Tons	Loose	409
	Installed	638
10 - 30 Tons	Loose	712
	Installed	1,054
Electronic Expansion Valves		**List**
1 to 15 Tons	Loose	$980
	Installed	1,296
16 to 25 Tons	Loose	1,408
	Installed	1,724

1. EEV prices include cable.
2. EEV prices DO NOT include controller.

SURVEILLANT EVAPORATOR DEFROST CONTROL

DESCRIPTION	PART NUMBER	LIST EACH
Factory Installed - For SA models -115V (Air Defrost Only)	08219551	$5,294
Factory Installed - For SA/SE models - 230V/1 (Air or Electric Defrost)	08219552	
Factory Installed - For DFA models - 115V (Air Defrost Only)	08219551	
Factory Installed - For DFA/DFE models - 230V/1 (Air or Electric Defrost)	08219552	
Smartgate Router (Shipped Loose)	08219541	2,778

*Surveillant is available for single phase units only.

ROOM THERMOSTATS

TYPE	RANGE	LIST
Mechanical - Loose	-30 to + 100	$274
Mechanical - Installed @ Evap	-30 to + 100	297
Electronic - Loose	-30 to + 100	353
Electronic - Installed @ Evap	-30 to + 100	371

LIQUID LINE SOLENOID VALVE

HORSEPOWER RANGE	LOOSE*	MTD*
1/2 thru 3 HP	$270	$291
4 thru 8 HP	302	337
9 thru 10 HP	437	558
12 thru 15 HP	540	697
22 HP	689	799

* Mtd at Evap. For multiple evaporator systems LLS must ship loose

NEXT-GENERATION W-SERIES PROLINE • AIR COOLED CONDENSING UNITS
1/2 THRU 6 H.P.

Standard Features (all models)

- Hermetic or Scroll compressors
- Weather resistant painted galvanized steel housing on a raised galvanized steel base
- Generously sized condenser. Enhanced Copper tubing / Aluminum fins
- Integrated sub-cooling loop increases system efficiency
- Easy access liquid & suction line shut off valves mounted external to cabinet
- Liquid receiver with isolation valve and pressure relief plug
- Liquid line filter/drier and sight glass with moisture indicator
- Suction line piping (filter optional)
- Encapsulated auto reset high pressure control
- Encapsulated auto reset low pressure control for medium temp. models
- Adjustable low pressure control for low temp. models
- Large electrical control panel with hinged/lift off door
- Color coded wiring with point-to-point wiring diagram
- Crankcase heater
- PSC condenser fan motor(s)
- Air Defrost Timer on all Medium Temp. models
- All Low temp. models include Electric Defrost provisions
- UL and CUL listed for indoor / outdoor use



WF models also include a Flooded Head Pressure Control Valve (70°F) as a standard feature

Optional Components

- Mild Ambient Fan Cycle control (2 fan WB models only)
- Electric Defrost for extended range medium temp. models
- Mounted replaceable core liquid or suction line filter (4 to 6 HP)
- Suction Accumulator
- Oil Separator (may not be available with accumulator)
- Suction line filter
- Liquid line piping only (no filter)
- Copper or polyester coated fins
- Electro-Fin coated condenser coil
- Single Speed EC condenser mtr.
- Pumpdown toggle switch
- Thru-the-door disconnect switch (some models)
- External fused or non-fused disconnect
- Paragon mechanical timer
- CPC timer
- Phase loss monitor
- Snow / Hail guards (mounted or loose)

NOMENCLATURE

W F O 500 E 4S E A L

- **W** — W-Series Condensing Unit
- **F** — Model Style: B = Non Flooded Model; F= Flooded Model
- **O** — Compressor Type: H = Hermetic; O = Scroll
- **500** — Horsepower
- **E** — Temperature Range (varies by unit): E = Extended Medium; L = Low
- **4S** — Refrigerant Type: 44* = R404A; 4S = Multiple refrigerants†; * Some models can be used with R22; † Multi-refrigerant designation for scroll compressor models only
- **E** — Voltage code: D = 208-230/1/60; E = 208-230/3/60; G = 460/3/60; M = 200-220/1/50; N = 200-220/3/50; Q = 380/3/50
- **A** — Vintage
- **L** — Pre-assembly Code (Extended Range Models): Blank = Standard Configuration; T = Includes mechanical air defrost timer in lieu of electronic air defrost timer; L = Includes ED-kit with electronic timer in lieu of air defrost timer; LT = Includes ED-kit with mechanical timer in lieu of air defrost timer

See features page for configuration descriptions

HERMETIC COMPRESSOR MODELS

§REF TYPE	NOM. H.P.	MODEL NUMBER	Compressor	WF OUTDOOR FLOODED LIST PRICE			WB INDOOR / OUTDOOR BASE UNIT LIST PRICE			†ECM cond. motor add.	4 year Compressor Protection Plan	Approx. Ship Wt (LBS)
				208-230V/3	208-230V/1	460V/3	208-230V/3	208-230V/1	460V/3			
	0.50	**W*H055E4***	RST45C1E	N/A	$5,983	N/A	N/A	$5,631	N/A	$238	$105 NET	152
	0.75	**W*H080E4***	RST55C1E	N/A	6,182	N/A	N/A	5,830	N/A	238	105 NET	156
	0.75	**W*H090E4***	RST64C1E	N/A	6,340	N/A	N/A	5,988	N/A	238	105 NET	160
EXTENDED	1.00	**W*H100E4***	RST70C1E	$6,436	6,515	N/A	$6,084	6,163	N/A	238	105 NET	167
RANGE	1.25	**W*H125E4***	RST97C1E	6,784	6,794	N/A	6,432	6,442	N/A	476	118 NET	195
MEDIUM	1.50	**W*H150E44**	CS10K6E	7,067	7,021	$7,167	6,715	6,669	$6,815	476	118 NET	205
TEMP 404A	2.00	**W*H200E44**	CS12K6E	7,523	7,433	N/A	7,171	7,081	N/A	476	129 NET	228
	2.50	**W*H250E44**	CS14K6E	7,721	7,859	8,588	7,369	7,507	8,236	476	129 NET	235
	3.00	**W*H300E44**	CS18K6E	7,903	8,081	8,808	7,551	7,729	8,456	476	142 NET	253
	3.00	**W*H325E44**	CS20K6E	8,342	8,494	9,266	7,990	8,142	8,914	476	142 NET	273
LOW	1.00	**W*H100L44**	CF04K6E	6,485	6,850	6,839	6,133	6,498	6,487	476	118 NET	195
TEMP	1.50	**W*H150L44**	CF06K6E	6,529	6,877	6,883	6,177	6,525	6,531	476	118 NET	195
	2.00	**W*H200L44**	CF09K6E	7,272	7,490	7,525	6,920	7,138	7,173	476	129 NET	243
404A	3.00	**W*H300L44**	CF12K6E	9,599	9,407	10,012	9,247	9,055	9,660	476	142 NET	255

§ For R507 models, use equivalent R404A model prices. Models 055E44, 080E44, and 090E44 are not suitable for use with R507. Use Scroll compressor models for refrigerants other than R404A/507.

†Additional price to order optional ECM condenser fan motors. Not available for 460V.

NOTE: An optional Electric Defrost kit must be ordered in lieu of the standard Air Defrost Timer when Extended range medium temperature models are used for low temperature applications

NEXT-GENERATION W-SERIES • AIR COOLED CONDENSING UNITS
1 Thru 6 H.P. Scroll compressors

Next-Gen W-Series Proline Scroll:
W-Series Next-Gen Air Cooled Condensing Units are configured with quiet and reliable scroll compressors.

Models range from 1 to 6 horsepower. Refer to page 21 for model options and publication number

W-Series 1/2 - 3 H.P.



c UL us



W-Series 4 - 6 H.P.

NEXT-GEN W-SERIES • SCROLL CONDENSING UNITS

Temp Range	NOM H.P.	Model Number	Compressor	WF Flooded Unit LIST PRICE			WB Non Flooded UNIT LIST PRICE			4 Year Compressor Protection Plan	Approx. Ship Wt (LBS)	EC[1] Motor Adder
				208-230V/3	208-230V/1	460/3	208-230V/3	208-230V/1	460/3			
Medium Temp	1.0	W*O130E4S	ZS09KAE	$7,844	$7,597	$8,694	$7,492	$7,245	$8,342	$194 NET	195	$238
	1.25	W*O150E4S	ZS11KAE	7,951	7,668	8,820	7,599	7,316	8,468	194 NET	205	238
	1.5	W*O180E4S	ZS13KAE	8,045	7,723	8,913	7,693	7,371	8,561	194 NET	210	238
	2.0	W*O200E4S	ZS15KAE	8,352	8,283	9,012	7,998	7,931	8,660	194 NET	215	238
	2.5	W*O250E4S	ZS19KAE	8,594	8,432	9,152	8,242	8,080	8,800	194 NET	230	238
	3.0	W*O300E4S	ZS21KAE	9,604	9,565	10,519	9,252	9,213	10,167	253 NET	305	425
	3.5	W*O350E4S	ZS26KAE	10,175	9,993	10,642	9,823	9,641	10,290	253 NET	325	425
	4.0	W*O400E4S	ZS29KAE	10,256	10,192	11,331	9,904	9,840	10,979	264 NET	352	425
	4.5	W*O450E4S	ZS33KAE	10,848	11,187	11,463	10,496	10,835	11,111	271 NET	375	425
	5.0	W*O500E4S	ZS38K4E	12,192	12,395	12,982	11,840	12,043	12,630	271 NET	383	425
	6.0	W*O600E4S	ZS45K4E	13,613	N/A	13,430	13,261	N/A	13,078	271 NET	405	425
Low Temp	2.0	W*O200L4S	ZF06K4E	10,684	10,445	10,767	10,332	10,093	10,415	194 NET	230	238
	2.5	W*O250L4S	ZF08K4E	10,996	10,809	11,154	10,644	10,457	10,802	194 NET	240	238
	3.0	W*O300L4S	ZF09K4E	11,103	11,026	11,345	10,751	10,674	10,993	253 NET	245	238
	3.5	W*O350L4S	ZF11K4E	11,762	11,630	12,149	11,410	11,278	11,797	253 NET	255	238
	4.0	W*O400L4S	ZF13K4E	13,236	13,104	13,923	12,884	12,752	13,571	264 NET	352	425
	5.0	W*O500L4S	ZF15K4E	13,615	13,542	14,379	13,263	13,190	14,027	264 NET	367	425
	6.0	W*O600L4S	ZF18K4E	15,162	N/A	15,621	14,810	N/A	15,269	271 NET	383	425

[1]Additional list price to order optional ECM condenser fan motors. Not available for 460V.
See page 19 for voltage codes and an example of nomenclature layout.

NOTE: An optional Electric Defrost kit must be ordered in lieu of the standard Air Defrost Timer when Extended Range Medium Temperature Models are used for low temperature applications.

LEGACY PROLINE / G-SERIES • AIR COOLED CONDENSING UNITS

Standard features for Legacy GE style Indoor / Outdoor models:
- Semi-hermetic or Discus Scroll compressors
- Heavy gauge galvanized steel weather-proof housing on a raised base
- Compressor Contactor (three phase) or Start Kit (single phase)
- Main Power Block and Control Circuit Fuses
- High-low Pressure Control and Oil Pressure Control (when required)
- Liquid Receiver with Shut-off Valve and Pressure Relief Plug
- Liquid and suction line piping (filters are optional)
- PSC condenser fan motor(s)
- UL and cUL listed.

Standard features for Legacy GL style Outdoor models:
- Same features as GE models, plus:
- Liquid Line Filter/Drier, Sight Glass & Pre-bent Piping
- Crankcase Heater
- Low ambient Head Pressure Valve.
- Air Defrost Timer on 2-1/2 to 6 H.P. Medium & High Temp models
- Electric Defrost Timer with Defrost Contactor/Relay on Low Temp models (ED10-230/1 on 1/2 thru 3 HP and ED11-230/3 on 4 thru 6 HP)

SEMI-HERMETIC COMPRESSOR MODELS

[$]REF TYPE	NOM H.P.	Model Number	Compressor	GL OUTDOOR PACKAGE LIST PRICE			GE INDOOR/ OUTDOOR LIST PRICE			4 Year Compressor Protection Plan	Approx. Ship Wt (LBS)	ECM cond. motor add.
				208-230V/3	208-230V/1	460V/3	208-230V/3	208-230V/1	460V/3			
MEDIUM TEMP 404A	0.75	G*S075M44	KAN-007E	$7,706	$7,706	N/A	$6,813	$6,813	N/A	$175 NET	215	$238
	1.0	G*S100M44	KAR-010E	7,935	7,935	N/A	6,542	6,542	N/A	175 NET	220	238
	1.5	G*S150M44	KAG-010E	9,603	N/A	N/A	7,844	N/A	N/A	181 NET	245	476
	2.0	G*S200M44	KAK-02xE	11,276	11,276	N/A	9,759	9,759	N/A	269 NET	270	476
	2.5	G*S250M44	ERC-02xE	11,723	N/A	12,821	11,268	N/A	$12,293	385 NET	385	476
	3.0	G*S300M44	ERF-031E	13,125	13,466	13,741	12,057	12,396	12,843	306 NET	415	476
LOW TEMP R404A	0.50	G*S050L44	KAN-005E	8,253	8,253	N/A	6,009	5,802	N/A	175 NET	189	238
	0.75	G*S075L44	KAM-007E	8,861	8,861	N/A	6,330	6,155	N/A	175 NET	205	238
	1.0	G*S100L44	KAJ-01xE	9,267	9,267	9,593	6,978	6,965	7,248	175 NET	220	238
	1.5	G*S150L44	KAL-01xE	9,670	9,519	10,576	8,148	8,016	9,519	181 NET	248	476
	2.0	G*S200L44	EAV-021E	11,932	11,997	12,637	9,917	10,064	11,868	269 NET	290	476
	3.0	G*S300L44*	LAH-032E	13,261	13,261	13,645	11,925	12,195	12,867	306 NET	383	476

* Model G*S300L44 is not available for 208V/1 (230V only).

DISCUS COMPRESSOR MODELS

No Longer Available. Select Next Gen II model - See Page 22

W-SERIES / LEGACY PROLINE G-SERIES • AIR COOLED CONDENSING UNITS
1/2 THRU 6 H.P. - OPTIONS

FACTORY INSTALLED OPTIONS

OPTIONS / ACCESSORIES	OPTION NUMBER	H.P. RANGE	WF MODELS	WB MODELS	GL PACKAGE	GE MODELS
CRANKCASE HEATER	CCH-1	1/2 - 6 H.P.	STD.	STD.	STD.	$198
DEDUCT CRANKCASE HEATER		1/2 - 6 H.P.	-$198	-$198	-$198	N/A
LIQUID LINE COMPONENTS - Filter drier, sight-glass and piping	LK-MC1	1/2 - 3 H.P.	STD.	STD.	STD.	498
	LK-MC2	4 - 6 H.P.	STD.	STD.	STD.	577
LIQUID LINE ONLY (DEDUCT LIQUID LINE FILTER AND SIGHT GLASS)	LL-MC1	1/2 - 3 H.P.	-317	-317	N/A	STD.
	LL-MC2	4 - 6 H.P.	-377	-377	N/A	STD.
Replaceable Core Liquid Filter/Dryer (4 - 6 H.P. only). Must add LK for GE units.	RPL-4	4 - 6 H.P.	467	467	467	467
Liquid Line Solenoid mounted at the condensing unit. (Max. 25' equivalent line run.) See page 18 for other LLS choices.	LLS-MTD	1/2 to 3 HP	291	291	291	291
	LLS-MTD	4 to 6 HP	337	337	337	337
SUCTION LINE COMPONENTS - Filter and Piping	SK-MC1	1/2 - 3 H.P.	317	317	317	317
	SK-MC2	4 - 6 H.P.	377	377	377	377
REPLACEABLE CORE SUCTION FILTER (4 - 6 H.P. only)	RPS-4	4 - 6 H.P.	451	451	451	451
SUCTION LINE ACCUMULATOR - **Must add SK option**	ASK-3	1/2 - 2 HP	488†	488†	488†	488†
	ASK-4	2½ - 6 H.P.	754†	754†	754†	754†
OIL SEPARATOR 4-6 HP (Due to space limits, may not be available with ASK opt)	OS-4	4 - 6 H.P.	1,285	1,285	1,285	1,285
OVER-SIZED RECEIVER – Refers to Next Gen CU frame sizes FM1 through FM4. See product catalogue for details. Contact factory for Legacy model oversized receiver prices.	OSR-1	FM1	405	405	Contact Application Engineering for pricing this option	
	OSR-2	FM2	483	483		
	OSR-3	FM3	1,156	1,156		
	OSR-4	FM4	1,187	1,187		
SPRING MOUNT AND DISCHARGE VIBRASORBER - Semi-Hermetics only. - Standard on 4 - 6 H.P. models	SPR-VB	1/2 - 3 H.P.	N/A	N/A	243	243
		4 - 6 H.P.	N/A	N/A	STD.	STD.
LOW AMBIENT FLOODED HEAD PRESSURE CONTROL	FLD-SF	1/2 - 2 H.P.	STD.	N/A	STD.	352
	FLD-F	2½ - 6 H.P.	STD.	N/A	STD.	352
MILD AMBIENT FAN CYCLE	FC-1	**2 fan units only**	N/A	STD.	N/A	345
ADJUSTABLE LOW PRESSURE CONTROL (For medium temperature units)	ADJ-LP	1/2 - 6 H.P.	147	147	147	147
ADJUSTABLE HI/LOW PRESSURE CONTROL	204464041	1/2 - 6 H.P.	330	330	330	330
AIR DEFROST TIMER[1] (Electronic timer is standard. No additional charge to substitute mechanical timer. Specify at time of order.)	TMR[1]	1/2 - 6 H.P.	STD.	STD.	532	532
DEDUCT AIR DEFROST TIMER[1]	DEDUCT TMR[1]	2 1/2 - 6 H.P.	-532	-532	-532	N/A
SUBSTITUTE ED KIT (ED5 THRU ED10) FOR AIR DEFROST TIMER[2]	REPLACE TMR[2]	1 - 6 H.P.[2]	110	110	N/A	N/A
ELEC. DEFR. TIMER WITH BLOCK-OUT RELAY 230/1‡‡	ED-5 THRU ED-10	1/2 - 6 H.P.	STD.*	STD.*	STD.*	642
* 2 EVAP ELEC. DEFR. TIMER WITHOUT BLOCK-OUT RELAY 230/1‡‡	ED-210-A2	1/2 - 6 H.P.	SPECIFY	SPECIFY	SPECIFY	642
ELECTRIC DEFROST TIMER WITH BLOCK-OUT AND CONTACTOR 230/3‡‡	ED-11-B2	1/2 - 6 H.P.	STD.*	STD.*	STD.*	642
DEDUCT STANDARD ELECTRIC DEFROST COMPONENTS		1/2 - 6 H.P.	-642	-642	-642	N/A
** 2 EVAP ELEC. DEFR. TMR WITH ONE 30 AMP DEFR. CONTACTOR 230/3‡‡	ED-211-B2	1/2 - 6 H.P.	SPECIFY	SPECIFY	SPECIFY	642
2 EVAP ELEC. DEFR. TMR WITH ONE 50 AMP DEFR. CONTACTOR 230/3‡‡	ED-213-B2	1/2 - 6 H.P.	714	714	714	1246
2 EVAP. ELEC. DEFR. WITH SEQUENCING & B.O. RELAYS 230/1‡‡	ED-20-A2	4 - 6 H.P.	1,137	1,137	1,137	1,779
2 EVAP. ELEC. DEFR. WITH SEQ. & B.O. W/ CONTACTORS 230/3‡‡	ED-21-B2	4 - 6 H.P.	1,137	1,137	1,137	1,779
HEATED AND INSULATED RECEIVER	HIR	1/2 - 6 H.P.	662	662	662	662
PHASE LOSS MONITOR	PLM	1/2 - 6 H.P.	1,040	1,040	1,040	1,040
CRANKCASE PRESSURE REGULATING VALVE - (LOOSE ONLY)	CPR-1	1/2 - 6 H.P.	723	723	723	723
POLYESTER COATED CONDENSER FINS	PCF	1/2 - 3 H.P.	920	920	920	920
		4 - 6 H.P.	1,197	1,197	1,197	1,197
COPPER FINS OR ELECTRO FIN COATED COIL	CONTACT APPLICATION ENGINEERING FOR PRICING					
THRU THE DOOR **NON** - FUSED DISCONNECT SWITCH	TDNM-1	1/2 - 3 H.P.	466	466	466	466
	TDNM-2	4 - 6 H.P.	618	618	618	618
THRU THE DOOR FUSED DISCONNECT SWITCH	TDFM-1	1/2 - 3 H.P.	N/A	N/A	N/A	N/A
	TDFM-2	4 - 6 H.P.	1,267	1,267	1,267	1,267
EXTERNAL FUSED DISCONNECT (Mounted)	EFDM-1	1/2 - 3 H.P.	524	524	524	524
	EFDM-2	4 - 6 H.P.	964	964	964	964

FIELD INSTALLED OPTIONS

OPTIONS AND ACCESSORIES	OPTION NUMBER	H.P. RANGE	WF MODELS	WB MODELS	GL MODELS	GE MODELS
EXTERNAL FUSED DISCONNECT (LOOSE)	EFDL-2	4 - 6 H.P.	$867	$867	$867	$867
TWO TIERED STACKING RACK	11639400	1/2 - 3HP	N/A	N/A	3,152	3,152
	11639600	4 - 6 H.P.	N/A	N/A	5,057	5,057
SNOW / HAIL GUARDS (SHIPPED LOOSE)	SG-A	Config. A, FM1	355	355	355	355
	SG-B	Config. B. FM2	391	391	391	391
	SG-C	Config. C, FM3	424	424	424	424
	SG-D	Config. D, FM4	520	520	520	520

Negative numbers represent a price to be deducted from base price if a standard feature is removed.

[1] AIR DEFROST TIMER IS STANDARD ON 2-1/2 - 6 HP HIGH/MEDIUM TEMP **GL** MODELS AND STANDARD FOR ALL **WF** AND **WB** MED. TEMP. MODELS

[2] SUBSTITUTE ED KIT (ED5 THRU ED10) FOR AIR DEFROST TIMER. VALID FOR NEXT-GEN EXTENDED RANGE G-SERIES ONLY. APPLIES TO PRE-ASSEMBLY CODES L AND LT. SEE NOMENCLATURE ON PAGE 19.

* ELECTRIC DEFROST PROVISIONS (ED KIT) FOR ONE EVAP IS A STANDARD FEATURE ON LOW TEMPERATURE UNITS (ED Kits are optional for GE models).

‡‡ REFER TO THE APPROPRIATE EVAPORATOR PRODUCT BULLETIN TO IDENTIFY THE CORRECT E.D. KIT FOR YOUR REQUIREMENT.
NOTE: NOT ALL E.D. KITS FIT INTO ALL CONTROL PANELS. CONTACT APPLICATIONS ENGINEERING WITH QUESTIONS.

† MUST ADD SK OPTION TO ADD A SUCTION LINE ACCUMULATOR IF SK IS NOT ALREADY INCLUDED (See G-Series publication for details).

NEXT-GEN II AIR COOLED CONDENSING UNITS
3 H.P. THRU 22 H.P.

Standard Features (all models):

- Copeland Discus™, Copeland Scroll™ or Bitzer Semi-Hermetic Compressor
- All weather G90 galvanized steel painted enclosure
- Open view, flow-through equipment guard
- Removable side panels for ease of service
- Generously sized high efficiency condenser, with enhanced copper tubes/and aluminum fins
- Liquid line kit with sealed filter/drier and sight glass with moisture indicator
- Easy access base mounted service valves placed external to cabinet
- Dual pressure (auto reset) controls with flexible Refflex® hoses
- Vertical receiver with isolation valves
- Integral liquid sub cooling circuit
- Suction line piping (filter optional)
- Refrigerant pressure relief valve
- Heavy duty three phase condenser fan motor(s)
- Crankcase heater
- Control circuit fuses
- Fan cycling on WB models (only)
- Pump down toggle switch
- Large electrical panel with hinged door
- 208-230V control voltage
- Color coded point-to-point wiring
- Liquid injection/Demand Cooling™ for low temp compressors

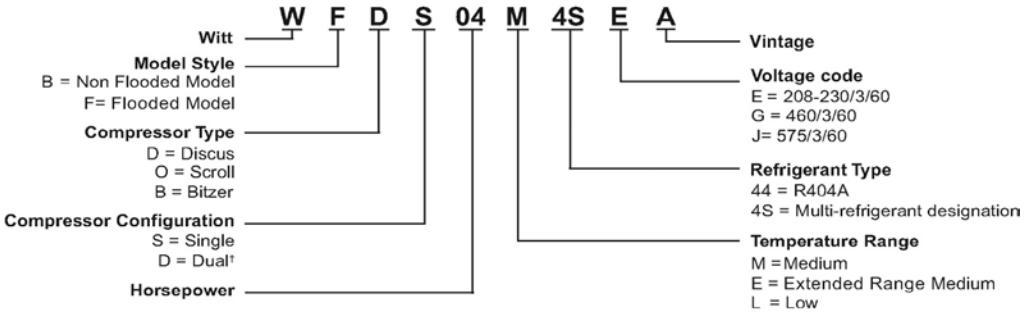


Unit is shown with optional components mounted

WF models also include a Flooded Head Pressure Control Valve (70°F) as a standard feature

Optional Features (all models):

- Electronic air defrost timer
- Electric defrost kits
- Mechanical timer in lieu of electronic timer
- 50 Hz timer and/or defrost kit
- Current sensing relay
- Thru the door Non-fused disconnect
- Suction line filter (sealed)
- Suction accumulator
- Oil separator
- Replaceable core liquid filter with bypass
- Replaceable core suction filter with bypass
- External fused or non-fused disconnect - loose or mounted
- Heated and insulated receiver (Temp controlled with low pressure bypass timer)
- Oversized receiver
- Insulated receiver
- Hail / Snow Guard - shipped loose (only)
- 316 Grade stainless steel housing
- Crankcase pressure regulator



† Available with Dual Compressor set-up. Contact Application Engineering for model definition and special price quote.

Temp Range	Compressor (Discus™)	H.P.	Model Number	WF Flooded Unit List Price	Model Number	WB Non Flooded List Price	4 Year Compressor Protection Plan	Approx. Ship Wt. (LBS)
Medium Temp Discus	2DC3R53K	04	WFDS04M4SEA	$20,370	WBDS04M4SEA	$19,426	$454 NET	825
			WFDS04M4SGA	21,638	WBDS04M4SGA	20,694		
			WFDS04M4SJA	22,072	WBDS04M4SJA	21,128		
	2DD3R63K	05	WFDS05M4SEA	20,737	WBDS05M4SEA	19,793	454 NET	850
			WFDS05M4SGA	21,953	WBDS05M4SGA	21,009		
			WFDS05M4SJA	22,505	WBDS05M4SJA	21,561		
	2DL3R78K	06	WFDS06M4SEA	25,755	WBDS06M4SEA	24,811	550 NET	1,075
			WFDS06M4SGA	27,548	WBDS06M4SGA	26,604		
			WFDS06M4SJA	28,096	WBDS06M4SJA	27,152		
	2DA3R89K	7.5	WFDS07M4SEA	26,301	WBDS07M4SEA	25,357	558 NET	1,100
			WFDS07M4SGA	27,910	WBDS07M4SGA	26,966		
			WFDS07M4SJA	28,459	WBDS07M4SJA	27,515		
	3DA3R10M	7.5	WFDS08M4SEA	29,497	WBDS08M4SEA	28,553	558 NET	1,130
			WFDS08M4SGA	31,264	WBDS08M4SGA	30,320		
			WFDS08M4SJA	31,901	WBDS08M4SJA	30,957		
	3DB3R12M	10	WFDS10M4SEA	31,630	WBDS10M4SEA	30,686	721 NET	1,330
			WFDS10M4SGA	33,268	WBDS10M4SGA	32,324		
			WFDS10M4SJA	33,881	WBDS10M4SJA	32,937		
	3DF3R15M	12	WFDS12M4SEA	34,264	WBDS12M4SEA	33,320	865 NET	1,330
			WFDS12M4SGA	35,605	WBDS12M4SGA	34,661		
			WFDS12M4SJA	N/A	WBDS12M4SJA	N/A		
	3DS3R17M	15	WFDS15M4SEA	35,699	WBDS15M4SEA	34,755	1,116 NET	1,350
			WFDS15M4SGA	36,904	WBDS15M4SGA	35,960		
			WFDS15M4SJA	37,531	WBDS15M4SJA	36,587		

Voltage codes: **E** = 208-230/3/60, **G** = 460V/3/60, **J** = 575V/3/60

* See next page for condensing units with low temp Discus™ or Scroll™ compressors.

NEXT-GEN II AIR COOLED CONDENSING UNITS
3 H.P. THRU 22 H.P. - DISCUS™ and SCROLL™

Temperature Range	Compressor (Discus™)	H.P.	Model Number	WF Flooded List Price	Model Number	WB Non Flooded List Price	4 Year Compressor Protection Plan	Approx. Ship Wt. (LBS)
Low Temp Discus	2DF3F16K	03	WFDS03L4SEA	$22,635	WBDS03L4SEA	$21,691	$306 NET	710
			WFDS03L4SGA	24,035	WBDS03L4SGA	$23,091		
			WFDS03L4SJA	24,546	WBDS03L4SJA	$23,602		
	2DL3F20K	04	WFDS04L4SEA	24,582	WBDS04L4SEA	$23,638	454 NET	760
			WFDS04L4SGA	26,002	WBDS04L4SGA	$25,058		
			WFDS04L4SJA	26,462	WBDS04L4SJA	$25,518		
	2DA3F23K	05	WFDS05L4SEA	25,117	WBDS05L4SEA	$24,173	454 NET	805
			WFDS05L4SGA	26,730	WBDS05L4SGA	$25,786		
			WFDS05L4SJA	27,212	WBDS05L4SJA	$26,268		
	3DA3F28K	06	WFDS06L4SEA	27,170	WBDS06L4SEA	$26,226	550 NET	870
			WFDS06L4SGA	28,795	WBDS06L4SGA	$27,851		
			WFDS06L4SJA	29,442	WBDS06L4SJA	$28,498		
	3DB3F33K	08	WFDS08L4SEA	30,126	WBDS08L4SEA	$29,182	558 NET	1,130
			WFDS08L4SGA	31,438	WBDS08L4SGA	$30,494		
			WFDS08L4SJA	32,432	WBDS08L4SJA	$31,488		
	3DF3F40K	9	WFDS09L4SEA	33,425	WBDS09L4SEA	$32,481	721 NET	1,275
			WFDS09L4SGA	35,257	WBDS09L4SGA	$34,313		
			WFDS09L4SJA	35,907	WBDS09L4SJA	$34,963		
	3DS3F46K	10	WFDS10L4SEA	36,077	WBDS10L4SEA	$35,133	821 NET	1,275
			WFDS10L4SGA	36,659	WBDS10L4SGA	$35,715		
			WFDS10L4SJA	37,517	WBDS10L4SJA	$36,573		
	4DBNF54K	12	WFDS12L4SEA	36,746	WBDS12L4SEA	$35,802	865 NET	1,290
			WFDS12L4SGA	37,529	WBDS12L4SGA	$36,585		
			WFDS12L4SJA	38,235	WBDS12L4SJA	$37,291		
	4DHNF63K	15	WFDS15L4SEA	38,497	WBDS15L4SEA	$37,556	1,116 NET	1,310
			WFDS15L4SGA	39,071	WBDS15L4SGA	$38,127		
			WFDS15L4SJA	39,841	WBDS15L4SJA	$38,897		
	4DJNF76K	22	WFDS22L4SEA	43,307	WBDS22L4SEA	$42,363	1,382 NET	1,420
			WFDS22L4SGA	43,992	WBDS22L4SGA	$43,048		
			WFDS22L4SJA	45,050	WBDS22L4SJA	$44,106		

Temperature Range	Compressor (Scroll™)	NOM H.P.	Model Number	WF Flooded LIST PRICE	Model Number	WB Non Flooded List Price	4 Year Compressor Protection Plan	Approx. Ship Wt. (LBS)
Medium Temp Scroll	ZS29KAE	04	WFOS04E4SEA	$18,721	WBOS04E4SEA	$17,777	$264 NET	700
			WFOS04E4SGA	20,200	WBOS04E4SGA	19,256		
			WFOS04E4SJA	20,637	WBOS04E4SJA	19,693		
	ZS33KAE	05	WFOS05E4SEA	19,054	WBOS05E4SEA	18,110	264 NET	710
			WFOS05E4SGA	20,507	WBOS05E4SGA	19,563		
			WFOS05E4SJA	21,003	WBOS05E4SJA	20,059		
	ZS38K4E	06	WFOS06E4SEA	21,713	WBOS06E4SEA	20,769	271 NET	710
			WFOS06E4SGA	23,454	WBOS06E4SGA	22,510		
			WFOS06E4SJA	23,948	WBOS06E4SJA	23,004		
	ZS45K4E	07	WFOS07E4SEA	22,136	WBOS07E4SEA	21,192	448 NET	870
			WFOS07E4SGA	23,785	WBOS07E4SGA	22,841		
			WFOS07E4SJA	24,279	WBOS07E4SJA	23,335		
	ZB58K5E	08	WFOS08E4SEA	22,574	WBOS08E4SEA	21,630	448 NET	915
			WFOS08E4SGA	24,242	WBOS08E4SGA	23,298		
			WFOS08E4SJA	24,769	WBOS08E4SJA	23,825		
	ZB66K5E	09	WFOS09E4SEA	23,825	WBOS09E4SEA	22,881	485 NET	980
			WFOS09E4SGA	25,316	WBOS09E4SGA	24,372		
			WFOS09E4SJA	25,819	WBOS09E4SJA	24,875		
	ZB76K5E	10	WFOS10E4SEA	27,853	WBOS10E4SEA	26,909	485 NET	1,085
			WFOS10E4SGA	28,912	WBOS10E4SGA	27,968		
			WFOS10E4SJA	29,506	WBOS10E4SJA	28,562		
	ZB95K5E	13	WFOS13E4SEA	30,848	WBOS13E4SEA	29,904	560 NET	1,105
			WFOS13E4SGA	30,919	WBOS13E4SGA	29,975		
			WFOS13E4SJA	31,929	WBOS13E4SJA	30,985		
	ZB114K5E	15	WFOS15E4SEA	34,443	WBOS15E4SEA	33,499	571 NET	1,200
			WFOS15E4SGA	36,016	WBOS15E4SGA	35,072		
			WFOS15E4SJA	36,719	WBOS15E4SJA	35,775		
Low Temp Scroll	ZF25K4E	08	WFOS08L4SEA	$21,332	WBOS08L4SEA	$20,388	$448 NET	850
			WFOS08L4SGA	22,594	WBOS08L4SGA	21,650		
			WFOS08L4SJA	23,036	WBOS08L4SJA	22,092		
	ZF34K5E	10	WFOS10L4SEA	26,478	WBOS10L4SEA	25,534	485 NET	1,025
			WFOS10L4SGA	28,036	WBOS10L4SGA	27,092		
			WFOS10L4SJA	28,611	WBOS10L4SJA	27,667		
	ZF41K5E	13	WFOS13L4SEA	29,927	WBOS13L4SEA	28,983	560 NET	1,050
			WFOS13L4SGA	30,440	WBOS13L4SGA	29,496		
			WFOS13L4SJA	31,269	WBOS13L4SJA	30,325		
	ZF49K5E	15	WFOS15L4SEA	30,922	WBOS15L4SEA	29,978	571 NET	1,105
			WFOS15L4SGA	31,620	WBOS15L4SGA	30,676		
			WFOS15L4SJA	32,251	WBOS15L4SJA	31,307		

Voltage codes: **E** = 208-230/3/60, **G** = 460V/3/60, **J** = 575V/3/60

* See next Page for Condensing units with Bitzer Compressors

NEXT-GEN II AIR COOLED CONDENSING UNITS
3 H.P. THRU 22 H.P. - BITZER

Temperature Range	Compressor (Bitzer)	H.P.	Model Number	WF Flooded List Price	Model Number	WB Non Flooded List Price	4 Year Compressor Protection Plan	Approx. Ship Wt. (LBS)
Medium Temp Bitzer	2DES-3	03	WFBS03E4SEA	$22,352	WBBS03E4SEA	$21,408	$454 NET	800
			WFBS03E4SGA	23,818	WBBS03E4SGA	$22,874		
			WFBS03E4SJA	24,039	WBBS03E4SJA	$23,095		
	2CES-4	04	WFBS04E4SEA	22,704	WBBS04E4SEA	21,760	$454 NET	825
			WFBS04E4SGA	24,118	WBBS04E4SGA	23,174		
			WFBS04E4SJA	24,460	WBBS04E4SJA	23,516		
	4FES-5	05	WFBS05E4SEA	23,071	WBBS05E4SEA	22,127	$454 NET	850
			WFBS05E4SGA	24,433	WBBS05E4SGA	23,489		
			WFBS05E4SJA	24,883	WBBS05E4SJA	23,939		
	4EES-6	06	WFBS06E4SEA	25,288	WBBS06E4SEA	24,344	$550 NET	1,075
			WFBS06E4SGA	26,243	WBBS06E4SGA	25,299		
			WFBS06E4SJA	27,938	WBBS06E4SJA	26,994		
	4DES-7	7.5	WFBS07E4SEA	27,474	WBBS07E4SEA	26,530	$558 NET	1,100
			WFBS07E4SGA	28,022	WBBS07E4SGA	27,078		
			WFBS07E4SJA	30,962	WBBS07E4SJA	30,018		
	4CES-9	7.5	WFBS08E4SEA	30,962	WBBS08E4SEA	30,018	$558 NET	1,130
			WFBS08E4SGA	32,510	WBBS08E4SGA	31,566		
			WFBS08E4SJA	33,209	WBBS08E4SJA	32,265		
	4TES-12	10	WFBS10E4SEA	31,335	WBBS10E4SEA	30,391	$721 NET	1,330
			WFBS10E4SGA	33,186	WBBS10E4SGA	32,242		
			WFBS10E4SJA	33,799	WBBS10E4SJA	32,855		
	4PES-15	12	WFBS12E4SEA	32,667	WBBS12E4SEA	31,723	$865 NET	1,330
			WFBS12E4SGA	34,370	WBBS12E4SGA	33,426		
			WFBS12E4SJA	34,983	WBBS12E4SJA	34,039		
	4NES-20	15	WFBS15E4SEA	33,410	WBBS15E4SEA	32,466	$1,116 NET	1,350
			WFBS15E4SGA	35,045	WBBS15E4SGA	34,101		
			WFBS15E4SJA	35,654	WBBS15E4SJA	34,710		
Low Temp Bitzer	4FES-3	03	WFBS03L4SEA	$22,245	WBBS03L4SEA	$21,301	$281 NET	710
			WFBS03L4SGA	23,022	WBBS03L4SGA	22,078		
			WFBS03L4SJA	23,519	WBBS03L4SJA	22,575		
	4EES-4	04	WFBS04L4SEA	24,207	WBBS04L4SEA	23,263	281 NET	760
			WFBS04L4SGA	24,984	WBBS04L4SGA	24,040		
			WFBS04L4SJA	25,481	WBBS04L4SJA	24,537		
	4DES-5	05	WFBS05L4SEA	25,313	WBBS05L4SEA	24,369	312 NET	805
			WFBS05L4SGA	26,171	WBBS05L4SGA	25,227		
			WFBS05L4SJA	26,651	WBBS05L4SJA	25,707		
	4CES-6	06	WFBS06L4SEA	29,847	WBBS06L4SEA	28,903	324 NET	870
			WFBS06L4SGA	30,959	WBBS06L4SGA	30,015		
			WFBS06L4SJA	31,287	WBBS06L4SJA	30,343		
	4TES-9	08	WFBS08L4SEA	31,756	WBBS08L4SEA	30,812	324 NET	1,130
			WFBS08L4SGA	32,825	WBBS08L4SGA	31,881		
			WFBS08L4SJA	33,251	WBBS08L4SJA	32,307		
	4PES-12	09	WFBS09L4SEA	33,829	WBBS09L4SEA	32,885	324 NET	1,275
			WFBS09L4SGA	34,838	WBBS09L4SGA	33,894		
			WFBS09L4SJA	35,785	WBBS09L4SJA	34,841		
	4NES-14	10	WFBS10L4SEA	35,932	WBBS10L4SEA	34,988	324 NET	1,275
			WFBS10L4SGA	36,941	WBBS10L4SGA	35,997		
			WFBS10L4SJA	37,888	WBBS10L4SJA	36,944		
	4JE-15	12	WFBS12L4SEA	38,541	WBBS12L4SEA	37,597	439 NET	1,290
			WFBS12L4SGA	39,550	WBBS12L4SGA	38,606		
			WFBS12L4SJA	40,497	WBBS12L4SJA	39,553		
	4HE-18	15	WFBS15L4SEA	41,210	WBBS15L4SEA	40,266	545 NET	1,310
			WFBS15L4SGA	42,216	WBBS15L4SGA	41,272		
			WFBS15L4SJA	43,166	WBBS15L4SJA	42,222		
	4GE-23	22	WFBS22L4SEA	42,620	WBBS22L4SEA	39,255	620 NET	1,420
			WFBS22L4SGA	43,686	WBBS22L4SGA	42,742		
			WFBS22L4SJA	44,636	WBBS22L4SJA	43,692		

Voltage codes: **E** = 208-230/3/60, **G** = 460V/3/60, **J** = 575V/3/60

3-22 H.P. CONDENSING UNITS - FACTORY INSTALLED DEFROST KITS

1 EVAPORATOR PER CU	Max Defrost Load	List Price
DMA15	15	$1,224
DMA20	20	
DMA24	24	
DMA30	30	
DMA35	35	1,366
DMA40	40	
DMA48	48	
DMB60	60	2,666
DMB96	96	

2 EVAPS PER CU	Max Defrost Load	List Price
DMB35	35	$1,853
DMB40	40	
DMB48	48	
DMB60	60	2,666
DMB96	96	

AIR DEFROST TIMER:	$532

3 EVAPS PER CU	Max Defrost Load	List Price
DMC35	35	$2,788
DMC40	40	
DMC48	48	
DMC60	60	3,448
DMC96	96	

Note: All electric defrost kits include 1 fan contactor and are suitable for single or three phase loads. Defrost amp values are the maximum load for a kit. Smaller loads may be attached.

3 THRU 22 H.P. CONDENSING UNITS - FACTORY INSTALLED OPTIONS†

†All options are factory mounted unless otherwise noted.	OPTION NUMBER	H.P. RANGE	LIST PRICE†
Electrical options			
THROUGH THE DOOR NON-FUSED DISCONNECT SWITCH	TDNM-3	3-10	$1,492
	TDNM-4	12-22	1,668
EXTERNAL FUSED DISCONNECT - Loose or Mounted	EFDM-2 (230V)	3 - 6	964
	EFDM-3 (230V)	7 - 10	1,148
	EFDM-4 (230V)	12 - 22	2,448
	EFDM-2 (460V)	3 - 6	1,133
	EFDM-3 (460V)	7 - 10	2,040
	EFDM-4 (460V)	12 - 22	3,366
MAIN CIRCUIT BREAKER	BKR-2	3 - 6	1,377
*In lieu of power block	BKR-3	7 - 10	1,734
	BKR-4	12 - 22	2,183
PHASE LOSS MONITOR	PLM	ALL	1,085
SINGLE POINT ALARM	SPA	ALL	356
ANTI SHORT CYCLE TIMER	ASC	ALL	640
CURRENT SENSING RELAY (Run proof)	CSR	All	710
FAN CYCLE CONTROL - 230V (WB Models only)	FC-2	6 - 22	398
FAN CYCLE CONTROL - 460V (WB Models only)	FC-4	6 - 22	453
*Fan cycling is not available for single fan models.			
COMPRESSOR UNLOADERS (Suction pressure control. Medium Temp. reciprocating compressors only.)	UNL-1	When Available	1,995

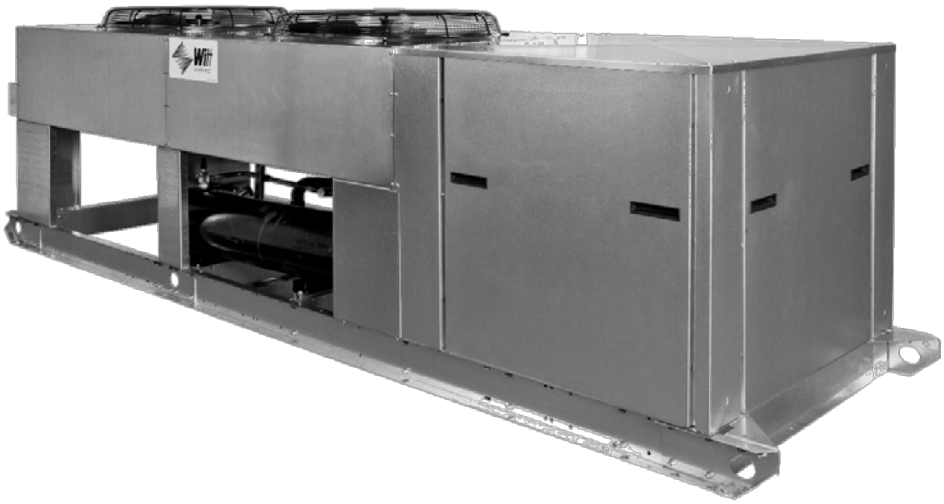
See Page 30 For Defrost Component Prices

Mechanical options			
SUCTION LINE FILTER (Sealed)	SK-5	3 - 8	$467
	SK-6	9 - 10	793
	SK-7	12 - 22	1,265
REPLACEABLE CORE SUCTION FILTER (With Bypass)	RSK-5	3 - 8	1,051
	RSK-6	9 - 10	1,346
	RSK-7	12 - 22	1,898
REPLACEABLE CORE LIQUID FILTER (With Bypass)	RLK-5	3 - 8	1,103
	RLK-6	9 - 10	1,376
	RLK-7	12 - 22	1,993
SUCTION LINE ACCUMULATOR (Must add Suction line filter option.)	ASK-4	3 - 8	754
	ASK-5	9 - 10	1,109
	ASK-6	12 - 22	2,318
OIL SEPARATOR	OS-1	3 - 6	1,285
	OS-2	7 - 10	1,369
	OS-3	12 - 22	1,609
OVERSIZED RECEIVERS	OSR-1	1 FAN	1,134
	OSR-2	2 FAN	635
	OSR-3	2 FAN TALL	403
HEATED AND INSULATED RECEIVER (Temperature controlled with low pressure bypass timer)	HIR	ALL	746
CRANKCASE PRESSURE REGULATOR (Do not use with MOP style TXV's. Must provide refrigerant type, holding temperature, suction temperature, and maximum design capacity.	CPR VALVE	3 - 5	1,479
		6 - 9	1,641
		10 - 15	3,056
		22	4,784
STAINLESS STEEL BRAIDED CONTROL HOSES	SSH	ALL	356
LIQUID INJECTION / DEMAND COOLING™ PRICE **DEDUCT** - to optionally remove the feature from low temperature models (not available for Scroll™ compressors)	LNJ-deduct	ALL	2,421
LIQUID LINE SOLENOID (Mounted LLS valve should only be applied to close coupled systems. Not more than 25' line run. See page 18 for pricing when shipped loose.)	LLS-1	3	291
	LLS-2	4 - 8	337
	LLS-3	9 - 10	558
	LLS-4	12 - 15	697
	LLS-5	22	799
HAIL / SNOW GUARDS (Shipped loose to prevent shipping damage. Requires field installation)	SG-E	1 FAN	897
	SG-F	2 FAN	1,226
	SG-G	2 FAN TALL	1,374
2 UNIT STACKING RACK (Shipped empty. Condensing units must be field installed.)	SR-2	1 or 2 FAN	5,057
3 UNIT STACKING RACK (Shipped empty. Condensing units must be field installed.)	SR-3	1 or 2 FAN	6,486

Contact Application Engineering for a special quote on options not found in the price list.

WV SERIES DISCUS AIR COOLED CONDENSING UNITS

20 TO 80 HP



Model WVCD Standard Features

- Copeland Discus Compressor with service valves
- Crankcase Heater
- Solid state compressor motor protection
- Compressor Head Cooling Fan (on L44 models only)
- Oil Pressure Control
- Condenser Coil - Copper tubes, Aluminum fins, with subcooling circuit
- Condenser fan motors - 1140 RPM inherent 3 phase, with thermal overload protection with ball bearings
- Condenser fans - heavy duty, individually balance Aluminum fan blades
- Epoxy Coated Wire Fan Guards
- Receiver with inlet, and outlet shut-off valves, pressure relief valve
- Suction Line Components - filter (replaceable core on all parallel piped models)
- Liquid Line Components - sight glass/moisture indicator, liquid line drier replaceable core on all models
- Vibration Absorbers - suction and discharge line
- Control Panel with hinged access door
- High-Low Pressure Controls with flexible lines
- Fan Cycling Control, temperature actuated
- Compressor Contactor(s)
- Condenser Fan Contactors (as required)
- Control Circuit Branch Fusing
- Heavy galvanized steel frame and panels
- All Weather Housing, UL listed, cUL listed

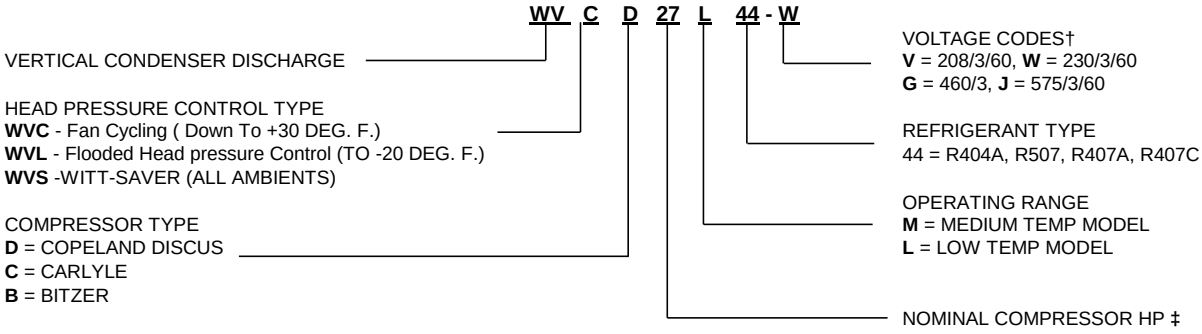
Model WVLD Standard Features

- All of the features included in the WVCD package plus:
- Low Ambient Flooded Condenser Head Pressure Control

Model WVSD Standard Features

- All of the features included in the WVCD package plus:
- Energy Saving **WITT-SAVER** Floating Head Pressure System
- Suction Line Pressure Stat (L44 models only)

WV SERIES CONDENSING UNIT NOMENCLATURE



† VOLTAGE CODES

CODE	VOLTAGE
V	208/3/60
W	230/3/60
G	460/3
J	575/3/60

‡ COMPRESSOR CONFIGURATION

SINGLE	PARALLEL	DUAL
20HP	17 (2 - 7.5 HP)	18 (2 - 7.5 HP)
25 HP	21 (2 - 10 HP)	23 (2 - 10 HP)
N/A	24 (2 - 12 HP)	26 (2 - 12 HP)
27 HP	31 (2 - 15 HP)	32 (2 - 15 HP)
30 HP	41 (2 - 20 HP)	42 (2 - 20 HP)
35 HP	44 (2 - 22 HP)	46 (2 - 22 HP)
40 HP	51 (2 - 25 HP)	52 (2 - 25 HP)
50 HP	54 (2 - 27 HP)	56 (2 - 27 HP)
60 HP	61 (2 - 30 HP)	62 (2 - 30 HP)
N/A	71 (2 - 35 HP)	72 (2 - 35 HP)
N/A	81 (2 - 40 HP)	82 (2 - 40 HP)

WV SERIES • SINGLE COMPRESSOR MODELS ‡

REF.	MODEL NUMBER	208-230/3/60V			460/3/60V			575/3/60V			4 Year Comp. Protection Plan
		WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	
MED. TEMP R404A	20M44	$39,140	$40,084	$40,084	$41,287	$42,231	$42,231	$42,132	$43,076	$43,076	$1,382 NET
	25M44	46,956	47,912	47,900	47,249	48,193	48,193	48,214	49,158	49,158	1,544 NET
	30M44	55,116	56,060	56,060	57,386	58,330	58,330	58,552	59,496	59,496	1,656 NET
	35M44	62,582	63,526	63,526	64,625	65,569	65,569	65,937	66,881	66,881	1,744 NET
	40M44	68,881	69,825	69,825	71,523	72,467	72,467	72,973	73,917	73,917	1,821 NET
LOW TEMP R404A	27L44	$51,326	$52,270	$52,270	$53,302	$54,246	$54,246	$54,388	$55,332	$55,332	$1,656 NET
	30L44	57,006	57,950	57,950	59,176	60,120	60,120	60,379	61,323	61,323	1,817 NET

WV SERIES • DUAL COMPRESSOR MODELS‡

REF.	* MODEL NUMBER	208-230/3/60V			460/3/60V			575/3/60V			4 Year Comp. Protection Plan
		WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	
MED. TEMP R404A	18M44	$55,481	$57,369	$57,369	$56,915	$58,803	$58,803	$58,092	$59,980	$59,980	$1,116 NET
	23M44	66,864	68,752	68,752	67,493	69,381	69,381	68,881	70,769	70,769	1,442 NET
	26M44	70,179	72,067	72,067	73,406	75,294	75,294	74,912	76,800	76,800	1,730 NET
	32M44	72,331	74,219	74,219	74,392	76,280	76,280	75,919	77,807	77,807	2,232 NET
	42M44	80,999	82,887	82,887	82,986	84,874	84,874	84,684	86,572	86,572	2,907 NET
	52M44	97,305	99,193	99,193	99,805	101,693	101,693	101,839	103,727	103,727	3,108 NET
	62M44	113,143	115,031	115,031	115,891	117,779	117,779	118,247	120,135	120,135	3,312 NET
	72M44	129,543	131,431	131,431	132,070	133,958	133,958	134,750	136,638	136,638	3,488 NET
	82M44	144,563	146,451	146,451	146,863	148,751	148,751	149,839	151,727	151,727	3,642 NET
LOW TEMP R404A	46L44	$90,071	$91,959	$91,959	$91,460	$93,348	$93,348	$93,327	$95,215	$95,215	$2,764 NET
	56L44	102,980	104,868	104,868	104,914	106,802	106,802	107,050	108,938	108,938	3,108 NET
	62L44	114,269	116,157	116,157	115,549	117,437	117,437	117,898	119,786	119,786	3,312 NET

Dual compressor models are supplied with 2 compressors piped separately (two separate circuits).

WV SERIES • PARALLEL COMPRESSOR MODELS‡

REF.	* MODEL NUMBER	208-230/3/60V			460/3/60V			575/3/60V			4 Year Comp. Protection Plan
		WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	WVCD	WVLD	WVSD	
MED. TEMP R404A	17M44	$65,717	$66,661	$66,661	$67,152	$68,096	$68,096	$68,514	$69,458	$69,458	$1,116 NET
	21M44	73,877	74,821	74,821	75,220	76,164	76,164	79,304	80,248	80,248	1,442 NET
	24M44	80,413	81,357	81,357	83,643	84,587	84,587	85,335	86,279	86,279	1,730 NET
	31M44	91,721	92,665	92,665	94,028	94,972	94,972	95,928	96,872	96,872	2,232 NET
	41M44	100,485	101,429	101,429	102,701	103,645	103,645	104,774	105,718	105,718	2,907 NET
	51M44	115,006	115,950	115,950	117,697	118,641	118,641	120,070	121,014	121,014	3,108 NET
	61M44	133,369	134,313	134,313	136,354	137,298	137,298	139,100	140,044	140,044	3,312 NET
	71M44	147,423	148,367	148,367	150,034	150,978	150,978	153,054	153,998	153,998	3,488 NET
	81M44	159,648	160,592	160,592	162,026	162,970	162,970	165,286	166,230	166,230	3,642 NET
LOW TEMP R404A	44L44	$109,134	$110,078	$110,078	$110,657	$111,601	$111,601	$112,890	$113,834	$113,834	$2,764 NET
	54L44	121,725	122,669	122,669	123,820	124,764	124,764	126,316	127,260	127,260	3,108 NET
	61L44	133,265	134,209	134,209	134,644	135,588	135,588	137,356	138,300	138,300	3,312 NET

Parallel compressor models are supplied with 2 compressors piped in parallel (one single circuit), and are equipped with an oil management system and oil separator as standard features.
Condensing units available for R507, R134a, 407A or 407C applications. Contact factory for details.
*Contact Application Engineering for pricing of condensing units with 2 "un-even" horsepower compressors.
Prices for 4 year compressor protection plan are NET and not to be discounted.

SINGLE COMPRESSOR MODELS

MODEL NUMBER	SUCTION ACCUMULATOR	LIQUID LINE SOLENOID (2)	OIL SEPARATOR	CAPACITY CONTROL CYLINDER UNLOADING (3)		HOT GAS BYPASS CAPACITY CONTROL (5)	ANTI-SHORT CYCLE TIMER	THRU - DOOR NON - FUSED DISCONNECT SWITCH	
								208-230V	460V
20M44	$2,934	$728	$1,512	UNL-1	$1,552	$3,260	$640	$1,668	$2,247
25M44	2,934	935	1,512	UNL-1	1,552	3,260	640	1,668	2,247
30M44	2,934	935	1,512	UNL-1	1,552	3,260	640	3,327	3,410
35M44	2,934	935	1,512	UNL-1	1,685	3,260	640	3,327	3,410
40M44	2,934	935	1,512	UNL-1	1,685	3,260	640	3,327	3,410
27L44	$2,934	$2,007	$2,667	(4)		(4)	$640	$1,668	$2,247
30L44	2,934	2,007	2,667	(4)		(4)	640	3,327	3,410

PARALLEL COMPRESSOR MODELS

MODEL NUMBER	SUCTION ACCUMULATOR	LIQUID LINE SOLENOID (2)	OIL SEPARATOR	CYLINDER UNLOADING CAPACITY CONTROL (3)		HOT GAS BYPASS CAPACITY CONTROL (5)	ANTI-SHORT CYCLE TIMER	THRU - DOOR NON - FUSED DISCONNECT SWITCH	
								230 V	460 V
17M44	$2,934	$540	INCL.	UNL-2 (2)	$1,552	$3,359	$640	$1,668	$2,247
21M44	2,934	540	INCL.	UNL-2 (2)	1,552	3,359	640	1,668	2,247
24M44	2,934	689	INCL.	UNL-2 (2)	1,552	3,359	640	1,668	2,247
31M44	2,934	689	INCL.	UNL-2 (2)	1,552	3,359	640	3,327	3,410
41M44	2,934	689	INCL.	UNL-2 (2)	1,552	3,359	640	3,327	3,410
51M44	3,871	1,406	INCL.	UNL-2 (2)	1,552	4,443	640	----	---
61M44	3,871	1,406	INCL.	UNL-2 (2)	1,552	4,443	640	----	----
71M44	3,871	1,406	INCL.	UNL-2 (4)	1,685	4,443	640	----	----
81M44	3,871	1,406	INCL.	UNL-2 (4)	1,685	4,443	640	----	----
44L44	$5,800	$1,406	INCL.	(4)		(4)	$640	----	----
54L44	5,800	1,406	INCL.	(4)		(4)	640	----	----
61L44	5,800	1,406	INCL.	(4)		(4)	640	----	----

Models are available for R404A, R507, R407A, R407C.

WV Series Pricing Notes

(1) Accessory prices for dual compressor models are for 1 set of the specified option per system.
(2) Liquid line solenoid valves and hot gas bypass options are shipped loose.
(3) Capacity unloading is based on the maximum number of unloading steps available for each specific condensing unit. Some compressor models can offer fewer steps of unloading, contact factory for pricing. (See next page for an explanation.)
(4) This option is typically applicable to high temperature applications and is not normally available low temp. applications.
(5) HG bypass option contains a HG bypass control valve and solenoid valve. HG is injected into the distributor to help maintain a constant leaving air temp. Option shipped loose. Contact Application Engineering for other HG applications.

WV SERIES OPTIONS AND ACCESSORIES • DUAL COMPRESSOR MODELS

MODEL NUMBER	SUCTION ACCUMULATOR (1)	LIQUID LINE SOLENOID (2)	OIL SEPARATOR (1)	CAPACITY CONTROL CYLINDER UNLOADING (3)		HOT GAS BYPASS CAPACITY CONTROL (1,5)	ANTI-SHORT CYCLE TIMER	THRU - DOOR NON - FUSED DISCONNECT SWITCH	
								230V	460V
18M44	$2,218	$874	$2,738	UNL-2(2)	$3,040	$6,520	$1,280	$1,668	$2,247
23M44	2,218	1,080	2,738	UNL-2(2)	3,040	6,520	1,280	1,668	2,247
26M44	4,636	1,080	5,334	UNL-2(2)	3,040	6,520	1,280	1,668	2,247
32M44	4,636	1,080	5,334	UNL-2(2)	3,040	6,520	1,280	3,327	3,410
42M44	4,636	1,080	5,334	UNL-2(2)	3,040	6,520	1,280	3,327	3,410
52M44	5,806	1,378	5,334	UNL-2(2)	3,040	6,520	1,280	C/F	C/F
62M44	5,806	1,378	5,334	UNL-2(2)	3,040	6,520	1,280	C/F	C/F
72M44	5,806	1,378	5,334	UNL-2 (4)	6,080	6,520	1,280	C/F	C/F
82M44	5,806	1,378	5,334	UNL-2 (4)	6,080	6,520	1,280	C/F	C/F
46L44	$5,806	$1,378	$5,334	(4)		(4)	$1,280	C/F	C/F
56L44	5,806	1,378	5,334	(4)		(4)	1,280	C/F	C/F
62L44	5,806	1,378	5,334	(4)		(4)	1,280	C/F	C/F

WV SERIES • ADDITIONAL OPTIONS AND ACCESSORIES

DESCRIPTION			LIST PRICE EACH
ROOM THERMOSTAT			See page 15
AIR DEFROST TIMER			$532
ED KITS - DETAILED INFORMATION			See pages 27-28
HOT GAS RE-EVAP DEFROST OPTION - **No Longer Available**			---
MAIN CIRCUIT BREAKERS - (Per compressor system)	208V or 230V	10 THRU 15 HP	2,183
		20 THRU 35 HP	2,390
		40 THRU 60 HP	6,330
	460V	10 THRU 15 HP	2,183
		20 THRU 30 HP	2,390
		35 THRU 54 HP	4,278
		60 HP	4,943
CURRENT SENSING RELAY (Price is based on one relay per unit. Double the price for Dual Compressor Models.)			710
HEATED AND INSULATED RECEIVER		20 THRU 35 HP Single or Parallel Comp.	2,481
		40 THRU 80 HP Single or Parallel Comp.	3,060
		18 - 32 H.P. Dual Compressor	1,324
		42-62 H.P. Dual Compressor	4,962
		72-82 H.P. Dual Compressor	6,120
HEATED AND INSULATED ACCUMULATOR (**Must also add suction accumulator.**)		20 THRU 35 HP Single or Parallel Comp.	2,481
		40 THRU 80 HP Single or Parallel Comp.	4,278
		18 - 23 H.P. Dual Compressor	1,324
		42-62 H.P. Dual Compressor	4,962
		72-82 H.P. Dual Compressor	6,120
STAINLESS STEEL BRAIDED HOSES (Per compressor System)			356
PRESSURE GAUGE KIT - HIGH, LOW, AND OIL PRESSURE GAUGES WITH VALVES - PER COMPRESSOR			3,927
PHASE LOSS PROTECTION (Price is based on one monitor per unit. Double the price for Dual Compressor Models.)			1,085
STAGED START RELAY FOR DUAL COMPRESSOR			379
REPLACEABLE CORE SUCTION FILTER - Note: Replaceable core suction filters are standard for all parallel compressor units. See table at the right for all other models. Dual compressor systems include two suction filters (1 per system).		20 THRU 40 HP Single Compressor	1,632
		18 - 32 H.P. Dual Compressor	1,785
		42-62 H.P. Dual Compressor	3,264
		72-82 H.P. Dual Compressor	3,570
Sub Circuit Fuses (Fuse blocks already included with ED kit) (**This price in addition to ED-Kit adder**)		For 1 evaporator Electric Defrost Kit (price per kit)	862
		For 2 evaporators Electric Defrost Kit (price per kit)	1,734
		For 3 evaporators Electric Defrost Kit (price per kit)	2,614
CRANKCASE PRESSURE REGULATING VALVE - MTD		17 - 41 H.P. Single or Parallel Compressor	4,928
		44 - 61 H.P. Single or Parallel Compressor	9,850
		71 - 81 H.P. Single or Parallel Compressor	12,100
		18 - 26 HP Dual Compressor	10,917
		32-42 H.P. Dual Compressor	17,817
		46-82 H.P. Dual Compressor	18,384

Note 3 - Capacity Control - Cylinder Unloading

UNL-1 = 1 bank of unloading, 1 compressor per condensing unit.
UNL-2 (1) = 2 banks of unloading, 1 compressor per condensing unit.
UNL-2 (2) = 2 compressors per unit, 1 bank per compressor (2 total).
UNL-2 (4) = 2 compressors per unit, 2 banks per compressor (4 total).

**** Models are available for R404A, R507, R407A, R407C. Contact Applications Engineering to request a special quote.**

(1) Accessory prices for dual compressor models are for 1 set of the specified option per compressor system.
(2) Liquid line solenoid valves and hot gas bypass options are shipped loose.
(3) Capacity unloading is based on the maximum number of unloading steps available for each specific condensing unit.
Some compressor models can offer fewer steps of unloading, contact factory for pricing. (See note above for an explanation of codes.)
(4) This option is typically applicable to high temperature applications and is not normally available for low temp. units.
(5) HG bypass option contains a HG bypass control valve and solenoid valve. HG is injected into the distributor to help maintain a constant leaving air temp. Option shipped loose. Contact the factory for other HG applications.
C/F = Contact Application Engineering to request a custom quote.

ELECTRIC DEFROST COMPONENTS - (See Page 24 for Next-Gen II defrost kits)

The **Witt Electric Defrost System** provides unique features that other defrost systems lack. These energy saving features are as follows:

- The auxiliary switch on 3 phase systems and block-out relays on 1 phase systems prevents the defrost heaters from energizing when the compressor is in operation. This features holds the maximum amp draw to the largest single load that the system will draw, and therefore reduces the electrical service requirement to the condensing unit.
- On multiple evaporator systems, individual defrost contactors are used in conjunction with sequencing relays* to allow each evaporator to terminate defrost independently. This efficient method of defrost saves electricity, and reduces the potential of overheating and steaming the evaporators. In addition, the amount of heat added to the room is kept to a minimum, reducing the run time of the condensing unit.

KIT NUMBER	TIMER	AUXILIARY SWITCH	BLOCK-OUT RELAY	† DEFROST HEATER CONTACTOR (1)	‡ FAN CONTACTOR	SEQUENCING RELAY
ED-5	1	—	1-15A	—	—	—
ED-6	1	—	1-20A	—	—	—
ED-7	1	—	1-25A	—	—	—
ED-10	1	—	1-30A	—	—	—
ED-210	1	—	1-30A	—	—	—
ED-11	1	1	—	1-30A	—	—
ED-211	1	1	—	1-30A	—	—
ED-12	1	1	—	1-30A	1-25A	—
ED-13	1	1	—	1-50A	—	—
ED-213	1	1	—	1-50A	—	—
ED-14	1	1	—	1-50A	1-25A	—
ED-15	1	1	—	2-75A	—	—
ED-16	1	1	—	2-75A	1-25A	—
ED-17	1	1	—	1-15A	1-25A	—
ED-18	1	1	—	1-20A	1-20A	—
ED-20	1	—	1-30A	—	—	2
ED-21	1	1	—	2-15A	—	2
ED-22	1	1	—	2-15A	1-25A	2
ED-23	1	1	—	2-25A	—	2
ED-24	1	1	—	2-25A	1-25A	2
ED-25	1	1	—	2-50A	—	2
ED-26	1	1	—	2-50A	1-25A	2
ED-27	1	1	—	2-75A	—	2
ED-28	1	1	—	2-75A	1-25A	2
ED-30	1	—	1-30A	—	—	3
ED-31	1	1	—	3-10A	—	3
ED-32	1	1	—	3-10A	1-25A	3
ED-33	1	1	—	3-15A	—	3
ED-34	1	1	—	3-15A	1-25A	3
ED-35	1	1	—	3-30A	—	3
ED-36	1	1	—	3-30A	1-25A	3
ED-37	1	1	—	3-75A	—	3
ED-38	1	1	—	3-75A	1-40A	3

* Except for ED-210, ED-211, ED-213

† Heater contactor amperage is based on its resistive rating.

‡ Fan motor contactor amperage is based on its inductive rating.

TIMER
Initiates the defrost cycle. Also used as over ride protection for defrost termination.

AUXILIARY SWITCH
Mounted on the compressor contactor, it prevents the defrost contactor from operating whenever the compressor is energized.

BLOCK-OUT RELAY
Serves the same function as auxiliary switch, except used when defrost contactor is not required (single phase only).

FAN CONTACTOR
Used with 460V motors or when 230V motors are wired for 3 phase power.

DEFROST CONTACTOR
Carries amperage load for heaters. Contactor selection is based on the maximum resistive load rating of the contactor.

SEQUENCING RELAYS
Provides interconnection of multiple unit coolers on a single system so that each unit cooler is allowed to individually terminate defrost on temperature.

ELECTRIC DEFROST KIT NOMENCLATURE - (See Page 24 for Next-Gen II defrost kits)

E D 1 2 - A 2 - FB

- FB — SUB-CIRCUIT FUSE BLOCKS (USE "XX" WHEN OPTION IS NOT ORDERED)
- 2 — DEFROST HEATER VOLTAGE (2 = 208-230V., 4 = 460V.)
- A — DEFROST HEATER PHASE (1 or 3)
  - A = 1 PHASE FAN MOTORS, 1 PHASE HEATERS
  - B = 1 PHASE FAN MOTORS, 3 PHASE HEATERS
  - C = 3 PHASE FAN MOTORS, 3 PHASE HEATERS
- 2 — DEFROST KIT IDENTIFIER
- 1 — EVAPORATOR QUANTITY (1, 2, or 3 per system)
- ED — KIT DESIGNATOR

ELECTRIC DEFROST PROVISIONS - (See Page 24 for Next-Gen II defrost kits)

QTY OF UNIT COOLERS	DESCRIPTION	† DEFROST KIT NUMBER				LIST PRICE	
		1 PH. FANS 1 PH. HTRS	1 PH. FANS 3 PH. HTRS	230 V. 3 PH. FANS 3 PH. HTRS	460 V. 3 PH. FANS 3 PH. HTRS	LOOSE OR MOUNTED	‡ SUB-CIRC. FUSE BLOCKS (LESS FUSES)
DEFROST KITS WHEN THE EVAPORATOR FAN MOTORS ARE WIRED FOR 230/1.							
ONE UNIT COOLER PER SYSTEM	Up to 15 Amps Heater (w/ relay)	ED5-A2-XX	N/A	N/A	N/A	$642	N/A
	20 Amps Heater (w/ relay)	ED6-A2-XX	N/A	N/A	N/A	642	N/A
	25 Amps Heater (w/ relay)	ED7-A2-XX	N/A	N/A	N/A	642	N/A
	30 Amps Heater (w/ relay)	ED10-A2-XX	N/A	N/A	N/A	642	N/A
	30 Amps - Heater (w/ contactors)	N/A	ED11-B2-XX	N/A	N/A	642	$160
	50 Amps - Heater	ED13-A2-XX	ED13-B2-XX	N/A	N/A	1,246	160
	75 Amps Heater	ED15-A2-XX	ED15-B2-XX	N/A	N/A	1,910	195
TWO UNIT COOLERS PER SYSTEM	Up to 30 Amps Heater (w/ relay)	ED210-A2-XX	N/A	N/A	N/A	642	N/A
	30 Amps Heater each	ED211-A2-XX	ED211-B2-XX	N/A	N/A	642	160
	50 Amps Heater each	ED213-A2-XX	ED213-B2-XX	N/A	N/A	1,246	195
	Up to 15 Amps Heaters each (w/ relays)	ED20-A2-XX	N/A	N/A	N/A	1,779	N/A
	15 Amps Heaters each	ED21-A2-XX	ED21-B2-XX	N/A	N/A	1,779	288
	25 Amps Heaters each (w/ relays)	ED23-A2-XX	N/A	N/A	N/A	1,827	288
	25 Amps Heaters each (w/ contactors)	N/A	ED23-B2-XX	N/A	N/A	1,827	288
	50 Amps Heaters each	ED25-A2-XX	ED25-B2-XX	N/A	N/A	2,050	288
	75 Amps Heaters each	ED27-A2-XX	ED27-B2-XX	N/A	N/A	2,791	375
THREE UNIT COOLERS PER SYSTEM	Up to 10 Amps Heaters each (w/ relays)	ED30-A2-XX	N/A	N/A	N/A	2,422	N/A
	16 Amps Heaters each (w/ relays)	ED31-A2-XX	N/A	N/A	N/A	2,422	355
	16 Amps Heaters each (w/ relays)	ED33-A2-XX	N/A	N/A	N/A	2,422	355
	16 Amps Heaters each (w/ contactors)	N/A	ED33-B2-XX	N/A	N/A	2,422	355
	30 Amps Heaters each (w/ relays)	ED35-A2-XX	N/A	N/A	N/A	2,718	355
	30 Amps Heaters each (w/ contactors)	N/A	ED35-B2-XX	N/A	N/A	2,718	355
	50 Amps Heaters each	ED37-A2-XX	ED37-B2-XX	N/A	N/A	3,089	422
DEFROST KITS WHEN THE EVAPORATOR FAN MOTORS ARE WIRED FOR 230/3, 460/3, OR 460/1.							
ONE UNIT COOLER	Up to 30 Amps Heater	ED12-A4-XX	ED12-BX-XX	ED12-C2-XX	ED12-C4-XX	$1,299	$266
	50 Amps Heater	N/A	ED14-BX-XX	ED14-C2-XX	ED14-C4-XX	1,519	266
	75 Amps Heater	N/A	N/A	ED16-C2-XX	ED16-C4-XX	2,089	310
TWO UNIT COOLERS	Up to 15 Amps Heaters per Unit Cooler	N/A	ED22-BX-XX	ED22-C2-XX	ED22-C4-XX	2,184	355
	25 Amps Heaters per Unit Cooler	N/A	ED24-BX-XX	ED24-C2-XX	ED24-C4-XX	2,184	355
	50 Amps Heaters per Unit Cooler	N/A	ED26-BX-XX	ED26-C2-XX	ED26-C4-XX	2,302	406
	75 Amps Heaters per Unit Cooler	N/A	N/A	ED28-C2-XX	N/A	2,973	494
THREE UNIT COOLERS	Up to 10 Amps Heaters per Unit Cooler	N/A	ED32-BX-XX	ED32-C2-XX	ED32-C4-XX	2,788	472
	16 Amps Heaters per Unit Cooler	N/A	ED34-BX-XX	ED34-C2-XX	ED34-C4-XX	2,788	472
	30 Amps Heaters per Unit Cooler	N/A	ED36-BX-XX	ED36-C2-XX	ED36-C4-XX	3,448	472
	50 Amps Heaters per Unit Cooler	N/A	ED38-BX-XX	ED38-C2-XX	ED38-C4-XX	3,829	565

† Replace "XX" with "FB" when ordering the sub-circuit fuse block option. For description of "ED" kit nomenclature see page 30.

‡ Sub-circuit fuse block price includes fuse blocks installed in the condensing unit, **less fuses**, for evaporator(s) motors and defrost heaters. Sub-circuit fusing option is not available for 1/2 to 6 HP G-Series models due to space limitations in the control panel.

* Add "FB" suffix to ED kit part number when pricing sub-circuit fuse block option.

GW SERIES • INDOOR WATER COOLED CONDENSING UNITS

1/2 THRU 5 H.P.

- Selection of Hermetic, Semi-Hermetic, and Discus Compressors
- Low Height, Compact Design on a sturdy base
- High-Low Pressure Control, Compressor Contactor and Control Circuit Fusing
- Liquid Receiver with Shut-off Valve and Pressure Relief Plug
- Coaxial Condenser as standard, Cleanable Condenser is optional

For defrost provisions see pages 30 & 31



COMP TYPE	§ REF TYPE	NOM H.P.	MODEL NUMBER	BASE LIST PRICE 230V/3	230V/1	460V/3	WATER REG. VALVE‡	CLEANABLE CONDENSER	LIQUID LINE KIT (LK)	* SUCTION LINE KIT (SK)	^ SUCTION ACCUM.	4 Year Comp. Protection Plan	Approx. Ship Wt (LBS)
HERMETIC	MED. TEMP 404A	0.5	GWH055M44	N/A	$3,916	N/A	$416	$565	$498	$317	$488	$105 NET	105
		0.5	GWH080M44	N/A	3,987	N/A	416	565	498	317	488	105 NET	105
		0.75	GWH090M44	N/A	4,110	N/A	416	565	498	317	488	105 NET	110
		0.75	GWH100M44	$4,242	4,376	$4,680	416	565	498	317	488	105 NET	110
		1.0	GWH125M44	4,418	4,418	N/A	416	811	498	317	488	118 NET	138
		1.5	GWH151M44	4,695	4,527	5,221	416	1,007	498	317	488	118 NET	158
		1.5	GWH200M44	5,338	4,932	N/A	416	1,007	498	317	488	129 NET	161
		1.75	GWH251M44	5,666	5,346	6,238	416	1,152	498	317	488	129 NET	168
		2.0	GWH301M44	6,359	6,297	6,743	451	1,152	498	317	488	142 NET	186
		3.0	GWH325M44	6,936	6,591	7,144	451	1,518	577	377	754	142 NET	206
		4.0	GWH400M44	NLA	NLA	NLA	—	—	—	—	—	—	—
		5.0	GWH500M44	NLA	NLA	NLA	—	—	—	—	—	—	—
	LOW TEMP 404A	0.75	GWH075L44	4,304	4,304	N/A	416	565	498	317	488	105 NET	110
		1.0	GWH100L44	4,540	4,491	N/A	416	811	498	317	488	105 NET	115
		1.5	GWH165L44	4,660	4,563	N/A	416	1,007	498	317	488	118 NET	140
		2.0	GWH215L44	4,814	4,693	4,843	416	1,152	498	317	488	129 NET	160
		3.0	GWH315L44	6,986	6,784	7,020	451	1,518	577	377	754	142 NET	350
SEMI-HERMETIC	MED. TEMP 404A	0.75	GWS075M44	8,912	8,912	N/A	416	811	498	317	488	175 NET	160
		1.0	GWS100M44	9,106	9,258	N/A	416	811	498	317	488	175 NET	170
		1.5	GWS150M44	10,308	N/A	N/A	416	1,007	498	317	488	269 NET	197
		2.0	GWS200M44	10,809	10,809	N/A	416	1,152	498	317	488	269 NET	240
		2.5	GWS250M44	11,628	N/A	N/A	451	1,518	577	317	488	269 NET	370
		3.0	GWS300M44	11,473	N/A	13,705	451	1,744	577	377	754	306 NET	430
	LOW TEMP 404A	0.5	GWS050L44	8,264	8,264	N/A	416	565	498	317	488	175 NET	150
		0.75	GWS075L44	8,515	8,515	N/A	416	565	498	317	488	175 NET	160
		1.0	GWS100L44	8,596	8,596	10,379	416	811	498	317	488	175 NET	170
		1.5	GWS150L44	8,946	9,126	11,760	416	1,007	498	317	488	181 NET	200
		2.0	GWS200L44	11,890	12,363	13,216	416	1,152	498	317	488	269 NET	240
		3.0	GWS300L44	12,845	N/A	13,878	451	1,744	577	377	754	306 NET	430
DISCUS	MED. TEMP	5.0	GWD500M44	16,382	N/A	17,712	784	1,744	577	377	754	795 NET	540
	LOW TEMP 404A	3.0	GWD300L44	15,220	N/A	16,710	802	1,744	577	377	754	306 NET	510
		4.0	GWD400L44	16,439	N/A	18,346	802	1,744	577	377	754	454 NET	525
		5.0	GWD500L44	16,986	N/A	18,149	802	1,744	577	377	754	454 NET	540

NOTE: Models shown in shaded areas are **only available as 230/1V**. Contact factory for 208/1 V. application using a buck-boost transformer.
* Suction line assembly option must be ordered to receive the Suction Accumulator pre-piped.
† Contact factory for 460V/3 price and availability.
§ For R-507 models, use equivalent R-404A model prices. Models 055M44, 065M44, and 070M44 not suitable for use with R507.
^ For pre-piped Suction Accumulator, the SK option must also be ordered.
‡ Water Reg. Valve shipped Loose for field installation.

OPTIONAL PIPING COMPONENTS

*LIQUID LINE KIT		* SUCTION LINE KIT	
H.P.	Kit Num	H.P.	Kit Num
1/2 - 3	LK-MC1	1/2 - 3	*SK-MC-1
4 - 6	LK-MC2	4 - 6	*SK-MC-2

See page 19 for optional piping component pricing.

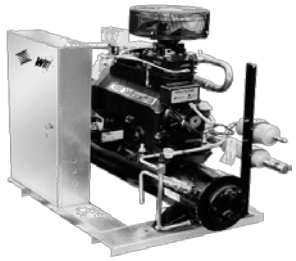
ADDITIONAL OPTIONS FOR GW SERIES

DESCRIPTION	LIST PRICE
ANTI-SHORT CYCLE TIMER	$640
GAUGE KIT, HIGH, LOW, AND OIL PRESSURE	1,794
PHASE LOSS MONITOR	1,040
OVERSIZED CONTROL PANEL (OCP)	612
ELECTRONIC OIL PRESSURE CONTROL (SOPC)	782
TWO-TIERED STACKING OPTION - GWH and GWS	3,152
TWO-TIERED STACKING OPTION - GWD	5,057

WRW SERIES • INDOOR WATER COOLED CONDENSING UNITS
3 H.P. THRU 40 H.P.

STANDARD FEATURES:

- Semi-Hermetic Copeland Discus (WRWD model) or Reed (WRWS model) Compressors
- High Efficiency, Cleanable Shell and Tube Condenser/Receiver
- Compressor Contactor and Control Circuit Fusing in a NEMA 1 enclosure
- Models up to 80 HP are available, Contact Factory for pricing
- High / Low Pressure and Oil Pressure Controls
- Spring Mounted Compressor
- Head Cooling Fan (when required)
- Isolation and Pressure Relief Valves
- UL and C-UL listed



Shown with optional oversized control panel, liquid line assembly, suction line assembly and Electronic oil pressure control.

OPTIONAL FEATURES:

- Oversized Control Panel (OCP) required when adding defrost kits or other electrical components.
- Two tiered stacking racks

REFR. TYPE	NOM H.P.	MODEL NUMBER	LIST PRICE 230V/3	LIST PRICE 460V/3	WATER REG. VALVE‡	LK	* SK	^ SUCTION LINE ACCUM.	OIL SEPARATOR	4 Year Comp. Protection Plan	APPROX. SHIP WT (LBS)
MED. TEMP. R-404A	3.0	**WRWS3M44**	$13,784	$15,132	$784	$582	$467	$754	$1,285	$306 NET	400
	5.0	**WRWD5M44**	17,822	19,727	784	582	467	754	1,285	558 NET	485
	5.0	**WRWD6M44**	19,179	21,151	784	582	467	754	1,285	550 NET	495
	7.5	**WRWD7M44**	20,532	22,692	1,075	582	467	754	1,369	558 NET	540
	7.5	**WRWD8M44**	22,485	24,432	1,075	582	467	754	1,369	558 NET	590
	10.0	**WRWD10M44**	26,424	27,319	1,075	784	793	1,109	1,369	721 NET	780
	12.0	**WRWD12M44**	28,630	29,143	1,388	984	1,265	2,318	1,609	865 NET	790
	15.0	**WRWD15M44**	29,504	30,384	1,388	984	1,265	2,318	1,609	1,086 NET	800
	20.0	**WRWD20M44**	33,890	34,542	1,388	984	1,265	2,318	1,609	1,382 NET	835
	25.0	**WRWD25M44**	39,115	39,659	1,388	1,150	1,265	2,903	2,667	1,554 NET	1,050
	30.0	**WRWD30M44**	46,549	46,971	1,388	1,150	1,265	2,903	2,667	1,656 NET	1,105
	35.0	**WRWD35M44**	52,556	52,975	1,388	1,150	1,265	2,903	2,667	1,744 NET	1,150
	40.0	**WRWD40M44**	57,590	58,264	1,388	1,150	1,265	2,903	2,667	1,821 NET	1,200
LOW TEMP. R-404A	3.0	**WRWS3L44**	11,018	11,762	784	582	467	754	1,285	306 NET	375
	3.0	**WRWD3L44**	15,348	17,065	784	582	467	754	1,285	306 NET	390
	4.0	**WRWD4L44**	16,450	18,109	784	582	467	754	1,285	454 NET	465
	5.0	**WRWD5L44**	17,238	18,521	784	582	467	754	1,285	454 NET	485
	6.0	**WRWD6L44**	19,340	20,402	784	582	467	754	1,285	550 NET	530
	8.0	**WRWD8L44**	21,087	22,547	1,075	582	467	754	1,369	558 NET	590
	9.0	**WRWD9L44**	23,336	24,941	1,075	784	793	1,109	1,369	721 NET	620
	10.0	**WRWD10L44**	25,743	26,341	1,075	784	793	1,109	1,369	721 NET	795
	12.0	**WRWD12L44**	28,590	28,934	1,075	984	1,265	2,318	1,609	865 NET	820
	15.0	**WRWD15L44**	31,139	31,509	1,388	984	1,265	2,318	1,609	1,116 NET	845
	22.0	**WRWD22L44**	36,682	36,960	1,388	984	1,265	2,318	1,609	1,382 NET	1,030
	27.0	**WRWD27L44**	51,567	51,923	1,388	1,150	1,265	2,903	2,667	1,554 NET	1,255
	30.0	**WRWD30L44**	53,495	54,222	1,388	1,150	1,265	2,903	2,667	1,656 NET	1,310

* Suction line assembly option must be ordered to receive the Suction Accumulator pre-piped.
^ For pre-piped Suction Accumulator, the SK option must also be ordered.
‡ Water Reg. Valve shipped Loose for field installation.

OPTIONAL PIPING COMPONENTS

*LIQUID LINE KIT		* SUCTION LINE KIT	
H.P.	Kit Num	H.P.	Kit Num
3 - 8	LK-4	3 - 8	SK-4
9 - 10	LK-5	9 - 10	SK-5
12 - 22	LK-6	12 - 22	SK-6
25 - 40	LK-7	25 - 40	SK-7

See pages 21 & 25 for piping component pricing.

ADDITIONAL OPTIONS FOR WRW SERIES

DESCRIPTION	LIST PRICE
ANTI-SHORT CYCLE TIMER	$640
GAUGE KIT, HIGH, LOW, AND OIL PRES.	1,794
PHASE LOSS MONITOR	1,040
OVERSIZED CONTROL PANEL (OCP)	612
ELECTRONIC OIL PRESSURE CONTROL (SOPC)	782
TWO-TIERED STACKING OPTION -WRWS	3,152
TWO-TIERED STACKING OPTION -WRWD	5,057

WATER COOLED & REMOTE SCROLL CONDENSING UNITS

WATER COOLED CONDENSING UNIT PRICING

REFR. TYPE	NOM. H.P.	MODEL NUMBER	LIST PRICE			WATER REG.	CLEAN-ABLE	LK	* SK	^ SUCTION LINE	OIL SEP.	4 Year Comp. Protection Plan	APPROX. SHIP
			230V/3	230V/1	460V/3	VALVE‡	COND.			ACCUM.			WT. (LBS.)
MED. TEMP R404A	1.0	GWO100M44	N/A	$5,920	N/A	$416	$811	$498	$317	$488	$1,285	$194 NET	310
	1.5	GWO150M44	N/A	6,324	N/A	416	1,007	498	317	488	1,285	194 NET	315
	2.0	GWO200M44	$6,747	6,737	$7,209	416	1,152	498	317	488	1,285	264 NET	320
	2.5	GWO250M44	7,386	7,319	7,852	451	1,518	577	377	754	1,285	287 NET	325
	3.0	GWO315M44	8,586	8,472	8,979	451	1,744	577	377	754	1,285	345 NET	330
	3.0	GWO350M44	9,141	9,026	9,427	451	1,744	577	377	754	1,285	367 NET	335
	4.0	GWO400M44	9,511	9,378	9,781	506	1,744	577	377	754	1,285	389 NET	345
	6.0	GWO600M44	9,789	9,650	10,220	784	1,744	577	377	754	1,285	494 NET	360
	6.5	GWO650M44	11,397	N/A	11,586	784	C/F	582	467	754	1,369	550 NET	370
	7.5	WRWO7M44	16,968	N/A	17,416	1,075	C/F	582	467	754	1,369	448 NET	405
	7.5	WRWO8M44	21,142	N/A	22,670	1,075	C/F	582	467	754	1,369	448 NET	450
	10.0	WRWO10M44	26,254	N/A	27,006	1,075	C/F	784	793	1,109	1,369	485 NET	665
	13.0	WRWO13M44	26,720	N/A	27,528	1,388	C/F	984	1,265	2,318	1,609	560 NET	675
LOW TEMP. R-404A	2.0	GWO200L44	8,208	8,075	9,036	416	1,152	498	317	488	1,285	194 NET	315
	2.5	GWO250L44	8,365	8,248	9,168	451	1,518	577	377	754	1,285	194 NET	330
	3.0	GWO300L44	9,057	8,920	9,329	451	1,744	577	377	754	1,285	253 NET	335
	3.0	GWO301L44	9,532	9,391	9,763	451	1,744	577	377	754	1,285	253 NET	340
	4.0	GWO400L44	9,941	9,812	10,172	506	1,744	577	377	754	1,285	264 NET	350
	5.0	GWO500L44	10,328	10,201	10,570	784	1,744	577	377	754	1,285	264 NET	355
	6.0	GWO600L44	11,652	N/A	12,292	784	1,744	577	377	754	1,285	271 NET	365
	7.5	WRWO8L44	16,963	N/A	18,302	1,075	C/F	582	467	754	1,369	448 NET	470
	10.0	WRWO10L44	21,313	N/A	22,894	1,075	C/F	784	793	1,109	1,369	485 NET	645
	13.0	WRWO13L44	23,840	N/A	24,621	1,388	C/F	984	1,265	2,318	1,609	560 NET	670

REMOTE COMPRESSOR UNIT PRICING

REFR. TYPE	NOM. H.P.	MODEL NUMBER	LIST PRICE			WATER REG.	CLEAN-ABLE	LK	* SK	^ SUCTION LINE	OIL SEP.	4 YEAR EXT. COMP.	APPROX. SHIP
			230V/3	230V/1	460V/3	VALVE‡	COND.			ACCUM.		WARRANTY	WT. (LBS.)
MED. TEMP. R-404A	2.0	GNO200M44	$7,118	$7,055	$7,604	N/A	N/A	$498	$317	$488	$1,285	$194 NET	215
	2.5	GNO250M44	6,972	6,849	7,435	N/A	N/A	577	377	754	1,285	194 NET	230
	3.0	GNO315M44	7,661	7,494	8,048	N/A	N/A	577	377	754	1,285	253 NET	305
	3.0	GNO350M44	7,379	7,232	7,709	N/A	N/A	577	377	754	1,285	253 NET	325
	4.0	GNO400M44	7,761	7,609	8,091	N/A	N/A	577	377	754	1,285	264 NET	352
	6.0	GNO600M44	7,717	7,573	8,039	N/A	N/A	577	377	754	1,285	271 NET	383
	6.5	GNO650M44	8,504	N/A	9,283	N/A	N/A	577	467	754	1,369	271 NET	383
	7.5	WRNO7M44	13,537	N/A	13,895	N/A	N/A	582	467	754	1,369	448 NET	420
	7.5	WRNO8M44	14,458	N/A	15,503	N/A	N/A	582	467	754	1,369	686 NET	435
	10.0	WRNO10M44	17,058	N/A	17,545	N/A	N/A	784	793	1,109	1,369	732 NET	485
	13.0	WRNO13M44	19,188	N/A	19,770	N/A	N/A	984	1,265	2,318	1,609	807 NET	560
LOW TEMP. R-404A	2.0	GNO200L44	7,872	7,693	8,344	N/A	N/A	498	317	488	1,285	194 NET	230
	2.5	GNO250L44	8,221	8,048	8,704	N/A	N/A	577	377	754	1,285	194 NET	240
	3.0	GNO300L44	8,500	8,314	8,985	N/A	N/A	577	377	754	1,285	253 NET	245
	3.0	GNO301L44	8,945	8,781	9,405	N/A	N/A	577	377	754	1,285	253 NET	255
	4.0	GNO400L44	9,265	9,104	9,622	N/A	N/A	577	377	754	1,285	264 NET	352
	5.0	GNO500L44	9,507	9,351	9,862	N/A	N/A	577	377	754	1,285	264 NET	367
	6.0	GNO600L44	10,515	N/A	10,878	N/A	N/A	577	377	754	1,285	271 NET	383
	7.5	WRNO8L44	14,501	N/A	15,643	N/A	N/A	582	467	754	1,369	448 NET	450
	10.0	WRNO10L44	18,219	N/A	19,569	N/A	N/A	784	793	1,109	1,369	485 NET	510
	13.0	WRNO13L44	19,836	N/A	20,485	N/A	N/A	984	1,265	2,318	1,609	560 NET	585

* Suction line assembly option must be ordered to receive the Suction Accumulator (SA) pre-piped.

‡ Water Reg. Valve shipped Loose for field installation.

^ For pre-piped SA, the SK option must also be ordered.

C/F = Consult the factory for pricing.

OPTIONAL PIPING COMPONENTS

*LIQUID LINE KIT		* SUCTION LINE KIT	
H.P.	Kit Num	H.P.	Kit Num
1/2 - 3	LK-MC1	1/2 - 3	*SK-MC-1
4 - 6	LK-MC2	4 - 6	*SK-MC-2
3 - 8	LK-4	3 - 8	SK-4
9 - 10	LK-5	9 - 10	SK-5
12 - 22	LK-6	12 - 22	SK-6

See pages 21 & 25 for piping component pricing.

ADDITIONAL OPTIONS FOR SCROLL MODELS

DESCRIPTION	LIST PRICE
ANTI-SHORT CYCLE TIMER	$640
GAUGE KIT, HIGH, LOW, AND OIL PRESSURE	1,794
PHASE LOSS MONITOR	1,040
OVERSIZED CONTROL PANEL (OCP)	612
ELECTRONIC OIL PRESSURE CONTROL (SOPC)	782
TWO-TIERED STACKING OPTION - 1 thru 6.5 H.P.	3,152
TWO-TIERED STACKING OPTION - 7 thru 13 H.P.	5,057

WRN SERIES • REMOTE COMPRESSOR UNITS
3 H.P. THRU 40 H.P.

STANDARD FEATURES:
- Semi-Hermetic Copeland Discus (WRND series) or Reed (WRNS series) Compressors
- Spring Mounted Compressor
- Compressor Contactor and Control Circuit Fusing in a NEMA 1 enclosure
- Head Cooling Fan (when required)
- Large Receiver with Isolation and Pressure Relief Valves
- High / Low Pressure and Mechanical Oil Pressure Controls
- Models up to 80 HP are available, Contact Factory for pricing

OPTIONAL FEATURES:
- Oversized Control Panel (OCP) required for Electric Defrost provisions
- Two tiered stacking racks
- Remote Air Cooled Condensers are available, see Supplemental price sheets WDS
- All listed options are factory installed



Shown with optional oversized control panel, liquid line assembly, suction line assembly and electronic oil pressure control.

REFR. TYPE	NOM. H.P.	MODEL NUMBER	LIST PRICE 208-230V/3	LIST PRICE 460V/3	*LK	* SK	^ SUCTION LINE ACCUM.	OIL SEP.	4 Year Comp. Protection Plan	APPROX. SHIP WT. (LBS.)
MED. TEMP. R-404A	3.0	**WRNS3M44**	$12,491	$14,196	$582	$467	$754	$1,285	$306 NET	380
	5.0	**WRND5M44**	13,125	14,542	582	467	754	1,285	454 NET	470
	6.0	**WRND6M44**	16,480	18,458	582	467	754	1,285	550 NET	470
	7.5	**WRND7M44**	17,760	20,037	582	467	754	1,369	558 NET	530
	7.5	**WRND8M44**	18,689	20,642	582	467	754	1,369	558 NET	580
	10.0	**WRND10M44**	20,463	21,276	784	793	1,109	1,369	721 NET	760
	12.0	**WRND12M44**	21,909	22,614	984	1,265	2,318	1,609	865 NET	770
	15.0	**WRND15M44**	23,302	24,117	984	1,265	2,318	1,609	1,086 NET	780
	20.0	**WRND20M44**	25,536	26,614	984	1,265	2,318	1,609	1,382 NET	820
	25.0	**WRND25M44**	26,956	27,454	1,150	1,265	2,903	2,667	1,554 NET	1,035
	30.0	**WRND30M44**	31,767	32,209	1,150	1,265	2,903	2,667	1,656 NET	1,090
	35.0	**WRND35M44**	36,066	36,563	1,150	1,265	2,903	2,667	1,744 NET	1,125
	40.0	**WRND40M44**	39,508	39,889	1,150	1,265	2,903	2,667	1,821 NET	1,180
LOW TEMP. R-404A	3.0	**WRNS3L44**	12,079	13,451	582	467	754	1,285	306 NET	370
	3.0	**WRND3L44**	12,381	13,826	582	467	754	1,285	306 NET	390
	4.0	**WRND4L44**	14,439	15,854	582	467	754	1,285	454 NET	450
	5.0	**WRND5L44**	15,169	16,484	582	467	754	1,285	454 NET	470
	6.0	**WRND6L44**	15,624	17,148	582	467	754	1,285	550 NET	500
	8.0	**WRND8L44**	18,423	20,217	582	467	754	1,369	558 NET	590
	9.0	**WRND9L44**	19,473	21,337	784	793	1,109	1,369	721 NET	620
	10.0	**WRND10L44**	21,585	21,890	784	793	1,109	1,369	721 NET	790
	12.0	**WRND12L44**	24,316	24,593	984	1,265	2,318	1,609	865 NET	800
	15.0	**WRND15L44**	26,110	26,826	984	1,265	2,318	1,609	1,116 NET	820
	22.0	**WRND22L44**	30,146	30,678	984	1,265	2,318	1,609	1,382 NET	1,010
	27.0	**WRND27L44**	36,847	37,410	1,150	1,265	2,903	2,667	1,554 NET	1,235
	30.0	**WRND30L44**	43,152	43,980	1,150	1,265	2,903	2,667	1,656 NET	1,285

* Suction line assembly option must be ordered to receive the Suction Accumulator pre-piped.
^ For pre-piped Suction Accumulator, the SK option must also be ordered.

OPTIONAL PIPING COMPONENTS

*LIQUID LINE KIT		* SUCTION LINE KIT	
H.P.	Kit Num	H.P.	Kit Num
3 - 8	LK-4	3 - 8	SK-4
9 - 10	LK-5	9 - 10	SK-5
12 - 22	LK-6	12 - 22	SK-6
25 - 40	LK-7	25 - 40	SK-7

See pages 21 & 25 for piping component pricing.

ADDITIONAL OPTIONS FOR WRN SERIES

DESCRIPTION	LIST PRICE
ANTI-SHORT CYCLE TIMER	$640
GAUGE KIT, HIGH, LOW, AND OIL PRESSURE	1,794
PHASE LOSS MONITOR	1,040
OVERSIZED CONTROL PANEL (OCP)	612
ELECTRONIC OIL PRESSURE CONTROL (SOPC)	782
TWO-TIERED STACKING OPTION - WRNS	782
TWO-TIERED STACKING OPTION - WRND	3,152

RE-HEAT KITS

Re-heat kits for SuperFlo low profile unit coolers have been discontinued and are no longer available.
Contact Applications Engineering to obtain Re-heat kit pricing for InterFlo and PolarFlo evaporators.

HEAT RECLAIM HEATER



MODEL NUMBER	CFM	QTY OF FANS	MOTOR H.P.	LIST PRICE 208/230/1 460/1/60	LIST PRICE 208/230/3 460/3/60	APPROX. SHIP WT. (LBS.)
HACS001B-08	3,020	1	1/3	$2,195	$2,312	97
HACS001B-12	2,890	1	1/3	2,555	2,767	99
HACS002B-08	2,840	1	1/3	3,063	3,222	105
HACS003B-08	4,450	1	1/3	3,648	3,839	128
HACS005B-10	3,900	1	1/3	5,739	6,042	137
HACS008B-10	8,640	2	1/3	7,121	7,494	190
HACS010B-10	7,780	2	1/3	9,031	9,504	205
HACS012B-10	7,080	2	1/3	9,822	10,338	221

Specify voltage and discharge orientation(horizontal or vertical) when ordering

FREIGHT SURCHARGES

The following freight surcharges will be applied to orders (when applicable). For delivery and post delivery issues, the customer will be notified and a second invoice will be generated.

BASIC LTL FREIGHT SURCHARGES	NET Price†
Delivery Notification / Call before delivery	$68
Lift Gate Service	213
Saturday Delivery Request	484
*Failed/Refused delivery attempt (minimum)	98
*Failed/Refused delivery attempt (Maximum)	1,214
Re-Consignment fee	91
Storage (Per 100 LBS for each calendar day)	4.62

BASIC CONTRACT HAUL SURCHARGES	NET†
Cancelled truck not used	$2,160
Reconsignment fee	775
Reconsignment cost per mile ($1505 Minimum)	3.23
Delay in unloading (4 hours or more past an appointment)	1,505

† Net prices are not to be discounted.

* Refused Delivery fee will be calculated @ 11.6 cents per 100 LBS, subject to Minimum and Maximum charges shown above (per incident).
† Net prices are not to be discounted.

APEX • TOP MOUNTED REFRIGERATION SYSTEM

Medium Temperature - Air Defrost

Model Number	Indoor List Price EC Evap Mtr	Outdoor List Price EC Evap Mtr	Indoor Power Cord	Volts/Ph/Hz	INDOOR NET / SHIP WT. (LBS.)	OUTDOOR NET / SHIP WT. (LBS.)	4 Year Compressor Protect. Plan Net Price
XN026MA44A*	$5,305	N/A	Yes	115/1/60	120 / **185**	N/A	$78
XN029MA44A*	5,789	N/A	Yes	115/1/60	120 / **185**	N/A	78
XN037MA44A*	6,284	N/A	Yes	115/1/60	125 / **190**	N/A	78
XN050MA44A*	7,870	N/A	Yes	115/1/60	210 / **305**	N/A	78
X*050MA44D*	7,870	$8,997	Yes	208-230/1/60	210 / **305**	220 / **360**	78
X*068MA44D*	8,434	9,631	Yes	208-230/1/60	220 / **315**	230 / **370**	78
X*076MA44D*	9,499	10,404	Yes	208-230/1/60	220 / **315**	230 / **375**	78
X*106MA44D*	10,110	11,152	Yes	208-230/1/60	295 / **420**	310 / **485**	80
X*106MA44E*	10,259	11,318	No	208-230/3/60	305 / **430**	320 / **495**	80
X*134MA44D*	11,247	12,291	No	208-230/1/60	310 / **435**	325 / **500**	96
X*134MA44E*	11,396	12,454	No	208-230/3/60	310 / **435**	325 / **500**	96

Low Temperature - Electric Defrost

Model Number	Indoor List Price EC Evap Mtr	Outdoor List Price EC Evap Mtr	Indoor Power Cord	Volts/Ph/Hz	INDOOR NET / SHIP WT. (LBS.)	OUTDOOR NET / SHIP WT. (LBS.)	4 Year Compressor Protect. Plan Net Price
XN018LE44A	$8,031	N/A	Yes	115/1/60	140 / **200**	N/A	$78
X*024LE44A	9,108	N/A	Yes	115/1/60	210 / **305**	N/A	78
X*024LE44D	9,108	$10,408	Yes	208-230/1/60	210 / **305**	225 / **365**	78
X*031LE44D	10,033	11,391	Yes	208-230/1/60	245 / **340**	255 / **400**	78
X*043LE44D	11,120	12,721	Yes	208-230/1/60	245 / **340**	255 / **400**	80
X*051LE44D	12,497	14,134	Yes	208-230/1/60	315 / **445**	320 / **510**	80
X*051LE44E	12,497	14,134	No	208-230/3/60	315 / **445**	320 / **510**	80
X*068LE44D	13,471	15,231	No	208-230/1/60	320 / **450**	335 / **515**	94
X*068LE44E	13,471	15,231	No	208-230/3/60	320 / **450**	335 / **515**	94

NOMENCLATURE

X N 037 M A 44 - D E

MODEL - APEX

HOUSING
N - INDOOR
T - OUTDOOR

APPROX. CAPACITY x 100

APPLICATION
M - MEDIUM TEMP.
L - LOW TEMP.

DEFROST TYPE
A - AIR
E - ELECTRIC

REFRIGERANT
44 - R-404A

VOLTAGE CODE
A - 115/1/ 60
D - 208-230/1/60
E - 208-230/3/60

MOTOR CODE
E - EC EVAP MTR

Saving Time and Money

- Fully factory assembled, charged and tested.
- No piping or loose components to install which saves you labor cost $$$.
- Adjustable digital controller is preset for typical cooler or freezer applications.
- **Two-year warranty on all parts***
  See Apex IOM M900 for full Warranty Disclosure

* Insert character for housing code or motor code as applicable

Quick Installation

- Installs in a fraction of the time it takes for a typical split refrigeration systems.
- The supply/return register mounts flush with a standard 4" ceiling panel which provides for more storage in your cooler or freezer.
- Condensate is evaporated so no drain line is required on indoor models.
- Outdoor models come standard with a roof and drain line connection (see drawing in Catalog 509).

QUANTUM AIR™ AIR COOLED CONDENSER NOMENCLATURE - LARGE MODELS (Page 40 - 42)

W	D	D	0	8	7	G	D	3	A
1	2	3	4	5	6	7	8	9	10

Position Number and Description

1 **Model Series** - W = Witt

2 **Unit Type** - D = Condenser

3 **Width**
S = Single Wide
D = Double Wide

4-6 **Capacity (MBTUH)****

7 **Voltage Code**
E – 208-230V/3/60
G – 460V/3/60
J – 575V/3/60
N – 200-220V/3/50
Q – 380V/3/50
X – Other - Non-catalogued

8 **Motor**
B – 1140 RPM, 1.5 HP Motor
D – 850 RPM, 1.5 HP Motor
L – 850 RPM 1 HP Motor
E – 550 RPM, 1/3 HP Motor
G – 900 RPM Variable Speed EC Motor (Rail Mtd.)
K – 1200 RPM Variable Speed EC Motor (Rail Mtd.)
(Enclosed Motors are an option available for certain Voltage/RPM combinations)

9 **Number of Fans Long -** 1 to 7

10 **Vintage Code**

AIR COOLED CONDENSER NOMENCLATURE - SMALL MODELS (Page 39)

W	D	S	007	D	A	2	B	1	2	A	1	A
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII

I. **Model Series**
W – Witt

II. **Unit Type**
D – Condenser

III. **Series**
S – Single fan wide

IV. **Capacity – Three Number Characters**

V. **Voltage Code**
A – 115V/1/60
D – 208-230V/1/60
E – 208-230V/3/60
F – 460V/1/60
G – 460V/3/60
H – 575V/1/60
X – Other
Codes D, E, F, and G can be used with 50 or 60 Hz power

VI. **Motor/Fan Type**
A – 1140 RPM, 0.33 HP, Metal Blade
C – 850 RPM, 0.25 HP, Metal Blade
H – 1140 RPM, 0.5 HP Totally Enclosed, Metal Blade
X – Other

VII. **Length in Fans – 1 or 2**

VIII. **Coil Density**
A – 8 fpi
B – 10 fpi
C – 12 fpi
D – 14 fpi
X – Other

IX. **Coil Material and Coating Options***
1 – Aluminum fins
2 – Copper fins
3 – Al + AST coating
6 – Al + Heresite
7 – Al + Polyester coat - Pre Coated Fin Material
X – Other

X. **Housing Material and Coatings***
1 – Aluminum
2 – Galvanized
7 – Stainless Steel 316L
X – Other

XI. **Unit Design Configuration**
A – Vertical Fan Discharge, Standard Legs
E – Vertical Fan Discharge, 30" Legs
N – Horizontal Fan Discharge, Standard Legs

XII. **Circuit Splitting Options**
1 – Full
2 – 50/50
X – Other

XIII. **Revision Code – Single Alphanumeric Character**
A – Initial Release

* Contact Application Engineering to obtain price quotes for special fin materials or coatings.

When ordering please specify: Motor Voltage, Control Voltage (24, 115V or 208V), Internal or External Control Power, Design Ambient Temperature, the number of compressor systems and FPI required. Also provide the Refrigerant type, THR, T.D. for each compressor system.

SMALL CONDENSERS

1075 RPM .33 HP MOTORS			
Model Number	10 FPI List Price	Fan Confguration	Approx Net Weight (LBS.)
WDS001DA1B12A1A	$2,096	1 x 1	80
WDS002DA1B12A1A	2,750	1 x 1	86
WDS003DA1B12A1A	3,072	1 x 1	107
WDS005DA1B12A1A	5,613	1 x 1	116
WDS007DA2B12A1A	7,030	1 x 2	164
WDS009DA2B12A1A	8,605	1 x 2	179
WDS011DA2B12A1A	9,661	1 x 2	195

850 RPM .25 HP MOTORS			
Model Number	10 FPI List Price	Fan Confg.	Approx Net Weight (LBS.)
WDS001DC1B12A1A	$2,298	1 x 1	80
WDS002DC1B12A1A	3,296	1 x 1	86
WDS003DC1B12A1A	3,770	1 x 1	107
WDS004DC1B12A1A	5,950	1 x 1	116
WDS006DC2B12A1A	7,339	1 x 2	164
WDS008DC2B12A1A	9,228	1 x 2	179
WDS009DC2B12A1A	10,030	1 x 2	195

1075 RPM .33 HP MOTORS - Totally Enclosed			
Model Number	10 FPI List Price	Fan Confg.	Approx Net Weight (LBS.)
WDS001DH1B12A1A	$3,050	1 x 1	80
WDS002DH1B12A1A	3,704	1 x 1	86
WDS003DH1B12A1A	4,026	1 x 1	107
WDS005DH1B12A1A	6,567	1 x 1	116
WDS007DH2B12A1A	8,938	1 x 2	164
WDS009DH2B12A1A	10,513	1 x 2	179
WDS011DH2B12A1A	11,569	1 x 2	195

POSITION V - Available Voltage Options*

Voltage Code	Adders Per Fan section	Available Based Upon Position VI - Motor Options
A-115/1/60	N/C	Only available with motor option A
D-208-230/1/60	—	Available with motor options A & C
E-208-230/3/60	$118	Available with motor options A, C, & H
F-460/1/60	N/C	Available with motor options A & C
G-460/3/60	$118	Available with motor options A, C, & H
H-575/1/60	$46	Only available with motor option A

Note: "**N/A**" = Not available, "**N/C**" = No additional charge, "—" = Base Model Feature

POSITION VI - Available Motor / Fan Type Options

Motor Type	Adder Per Fan	Available Based Upon Position V - Voltage Options
A- 1075, 0.33HP	—	Available in Voltage codes A, D, E, F, G, H
C- 850 RPM, 0.25HP	—	Available in Voltage codes D, E, F, G
H - 1075, 0.5 HP	—	Available in Voltage codes E, G

Note: "**N/A**" = Not available, "**N/C**" = No additional charge, "—" = Base Model Feature

Position - VII - Indicates Length in Fans (1 or 2)

Position - VIII - Coil Density Options Price Add or Deduct (8FPI)

Fan Configuration	A - 8 FPI	B - 10 FPI	C - 12 FPI	D - 14 FPI
1 X 1	($376)	—	$363	$726
1 X 2	($752)	—	$726	$1,451

Note: "**N/A**" = Not available, "**N/C**" = No additional charge, "—" = Base Model Feature

Position - IX - Coil Material and Coating Options**

Aluminum fins (Standard) / Copper fins / Other
No Coating (Standard) / Al + AST coating / Al + Heresite coating / Al + Polyester coat - Pre Coated Fin Material / Other

Position - X - Housing Material and Coating Options**

Galvanized (Standard) / Aluminum / Stainless Steel 316L / Other

Position - XI - Unit Design Configuration

Leg Configuration	Fan Config. 1 x 1	Fan Config. 1 x 2
A – Vertical Fan Discharge, Standard 15" Legs	—	—
E – Vertical Fan Discharge, 30" Legs	$131	$262
N – Horizontal Fan Discharge, Standard Legs	—	—

Position - XII - Circuit Splitting Options**

Full (Standard) / 50/50 / Multi-Circuiting / Sub-Cooling Circuit / Other

Available Options**

Fan cycling head pressure control (2 fan model only)
Variable speed fan control (header end fan only)
Flooded head pressure control (shipped loose)

Notes:

* Codes D, E, F and G can be used with 50 or 60 Hz power.
** Contact Application Engineering to obtain price quotes for special fin materials, coating, circuit splitting and available options.
1. Horizontal discharge orientation is available using standard leg arrangement code A.
2. Floating coil is not available for small condensers.

QUANTUM AIR™ LARGE CONDENSERS

1140 RPM 1.5 HP MOTORS (Code B)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS004^**B**1	$6,508	$6,897	$7,273	$7,649	1 x 1	350
WDS006^**B**1	8,286	8,675	9,051	9,427	1 x 1	375
WDS007^**B**1	9,253	9,642	10,018	10,394	1 x 1	400
WDS012^**B**2	13,611	14,389	15,141	15,893	1 x 2	725
WDS015^**B**2	18,735	19,513	20,265	21,017	1 x 2	750
WDS018^**B**2	22,201	22,979	23,731	24,483	1 x 2	775
WDS022^**B**3	27,399	28,566	29,694	30,822	1 x 3	1,125
WDS027^**B**3	31,900	33,067	34,195	35,323	1 x 3	1,150
WDS030^**B**4	38,279	39,835	41,339	42,843	1 x 4	1,500
WDS036^**B**4	43,301	44,857	46,361	47,865	1 x 4	1,525
WDS039^**B**5	47,758	49,703	51,583	53,463	1 x 5	1,875
WDS047^**B**5	55,566	57,511	59,391	61,271	1 x 5	1,900
WDS056^**B**6	66,497	68,831	71,087	73,343	1 x 6	2,275
WDS065^**B**7	78,135	80,858	83,490	86,122	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD022^**B**2	$28,112	$29,668	$31,172	$32,676	2 x 2	1,500
WDD030^**B**2	37,406	38,962	40,466	41,970	2 x 2	1,525
WDD036^**B**2	43,561	45,117	46,621	48,125	2 x 2	1,550
WDD045^**B**3	55,952	58,286	60,542	62,798	2 x 3	2,275
WDD054^**B**3	65,464	67,798	70,054	72,310	2 x 3	2,300
WDD059^**B**4	74,915	78,027	81,035	84,043	2 x 4	3,025
WDD072^**B**4	86,470	89,582	92,590	95,598	2 x 4	3,050
WDD078^**B**5	95,520	99,410	103,170	106,930	2 x 5	3,775
WDD094^**B**5	111,301	115,191	118,951	122,711	2 x 5	3,800
WDD113^**B**6	132,978	137,646	142,158	146,670	2 x 6	4,550
WDD131^**B**7	156,654	162,100	167,364	172,628	2 x 7	5,300

^ Insert voltage code here.

$210 List price adder per fan 575/3/60 motors.

850 RPM 1.5 HP MOTORS (Code D)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS004^**D**1	$6,440	$6,829	$7,205	$7,581	1 x 1	350
WDS005^**D**1	8,233	8,622	8,998	9,374	1 x 1	375
WDS007^**D**1	9,174	9,563	9,939	10,315	1 x 1	400
WDS010^**D**2	13,921	14,699	15,451	16,203	1 x 2	725
WDS014^**D**2	18,679	19,457	20,209	20,961	1 x 2	750
WDS015^**D**2	20,714	21,492	22,244	22,996	1 x 2	775
WDS021^**D**3	27,563	28,730	29,858	30,986	1 x 3	1,125
WDS024^**D**3	31,207	32,374	33,502	34,630	1 x 3	1,150
WDS028^**D**4	37,436	38,992	40,496	42,000	1 x 4	1,500
WDS032^**D**4	41,980	43,536	45,040	46,544	1 x 4	1,525
WDS035^**D**5	45,774	47,719	49,599	51,479	1 x 5	1,875
WDS043^**D**5	54,948	56,893	58,773	60,653	1 x 5	1,900
WDS052^**D**6	65,935	68,269	70,525	72,781	1 x 6	2,275
WDS060^**D**7	77,307	80,030	82,662	85,294	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD019^**D**2	$27,083	$28,639	$30,143	$31,647	2 x 2	1,500
WDD028^**D**2	37,297	38,853	40,357	41,861	2 x 2	1,525
WDD031^**D**2	40,732	42,288	43,792	45,296	2 x 2	1,550
WDD041^**D**3	55,474	57,808	60,064	62,320	2 x 3	2,275
WDD048^**D**3	62,987	65,321	67,577	69,833	2 x 3	2,300
WDD055^**D**4	74,953	78,065	81,073	84,081	2 x 4	3,025
WDD065^**D**4	84,136	87,248	90,256	93,264	2 x 4	3,050
WDD069^**D**5	91,510	95,400	99,160	102,920	2 x 5	3,775
WDD086^**D**5	110,091	113,981	117,741	121,501	2 x 5	3,800
WDD103^**D**6	131,935	136,603	141,115	145,627	2 x 6	4,550
WDD121^**D**7	154,635	160,081	165,345	170,609	2 x 7	5,300

^ Insert voltage code here.

575V motors are not available for units with 850RPM, 1.5 HP motors.

$826 List Price adder (per fan) for Totally Enclosed Motor. 1.5 HP 1140 or 850 RPM, or 1.0 HP 850 RPM only. Not available for 550 RPM models.

QUANTUM AIR™ LARGE CONDENSERS

850 RPM 1.0 HP MOTORS (Code L)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS004^L1	$6,019	$6,408	$6,784	$7,160	1 x 1	350
WDS006^L1	7,793	8,182	8,558	8,934	1 x 1	375
WDS008^L1	9,315	9,704	10,080	10,456	1 x 1	400
WDS010^L2	13,073	13,851	14,603	15,355	1 x 2	725
WDS012^L2	16,494	17,272	18,024	18,776	1 x 2	750
WDS015^L2	19,942	20,720	21,472	22,224	1 x 2	775
WDS019^L3	26,056	27,223	28,351	29,479	1 x 3	1,125
WDS023^L3	29,820	30,987	32,115	33,243	1 x 3	1,150
WDS026^L4	36,075	37,631	39,135	40,639	1 x 4	1,500
WDS030^L4	40,916	42,472	43,976	45,480	1 x 4	1,525
WDS032^L5	43,936	45,881	47,761	49,641	1 x 5	1,875
WDS040^L5	54,118	56,063	57,943	59,823	1 x 5	1,900
WDS048^L6	65,297	67,631	69,887	72,143	1 x 6	2,275
WDS056^L7	76,409	79,132	81,764	84,396	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD017^L2	$25,189	$26,745	$28,249	$29,753	2 x 2	1,500
WDD026^L2	36,061	37,617	39,121	40,625	2 x 2	1,525
WDD030^L2	40,932	42,488	43,992	45,496	2 x 2	1,550
WDD038^L3	54,527	56,861	59,117	61,373	2 x 3	2,275
WDD046^L3	63,624	65,958	68,214	70,470	2 x 3	2,300
WDD051^L4	73,221	76,333	79,341	82,349	2 x 4	3,025
WDD060^L4	83,394	86,506	89,514	92,522	2 x 4	3,050
WDD063^L5	88,881	92,771	96,531	100,291	2 x 5	3,775
WDD080^L5	109,685	113,575	117,335	121,095	2 x 5	3,800
WDD097^L6	131,734	136,402	140,914	145,426	2 x 6	4,550
WDD113^L7	154,398	159,844	165,108	170,372	2 x 7	5,300

^ Insert voltage code here.

$210 List price adder per fan 575/3/60 motors.

550 RPM 1/3 HP MOTORS (Code E)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS004^E1	$6,951	$7,340	$7,716	$8,092	1 x 1	350
WDS005^E1	8,183	8,572	8,948	9,324	1 x 1	375
WDS006^E1	9,219	9,608	9,984	10,360	1 x 1	400
WDS008^E2	13,702	14,480	15,232	15,984	1 x 2	725
WDS011^E2	18,059	18,837	19,589	20,341	1 x 2	750
WDS012^E2	19,972	20,750	21,502	22,254	1 x 2	775
WDS016^E3	27,640	28,807	29,935	31,063	1 x 3	1,125
WDS018^E3	30,291	31,458	32,586	33,714	1 x 3	1,150
WDS021^E4	37,887	39,443	40,947	42,451	1 x 4	1,500
WDS025^E4	42,480	44,036	45,540	47,044	1 x 4	1,525
WDS028^E5	48,134	50,079	51,959	53,839	1 x 5	1,875
WDS032^E5	53,350	55,295	57,175	59,055	1 x 5	1,900
WDS040^E6	67,881	70,215	72,471	74,727	1 x 6	2,275
WDS046^E7	79,359	82,082	84,714	87,346	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD016^E2	$29,372	$30,928	$32,432	$33,936	2 x 2	1,500
WDD021^E2	37,887	39,443	40,947	42,451	2 x 2	1,525
WDD025^E2	42,102	43,658	45,162	46,666	2 x 2	1,550
WDD032^E3	58,138	60,472	62,728	64,984	2 x 3	2,275
WDD037^E3	63,672	66,006	68,262	70,518	2 x 3	2,300
WDD043^E4	77,786	80,898	83,906	86,914	2 x 4	3,025
WDD050^E4	86,659	89,771	92,779	95,787	2 x 4	3,050
WDD055^E5	99,231	103,121	106,881	110,641	2 x 5	3,775
WDD063^E5	108,943	112,833	116,593	120,353	2 x 5	3,800
WDD080^E6	138,141	142,809	147,321	151,833	2 x 6	4,550
WDD093^E7	160,631	166,077	171,341	176,605	2 x 7	5,300

^ Insert voltage code here.

575V motors are not available for units with 550RPM, 1/3 HP motors.

$826 List Price adder (per fan) for Totally Enclosed Motor. 1.5 HP 1140 or 850 RPM, or 1.0 HP 850 RPM only. Not available for 550 RPM models.

QUANTUM AIR™ LARGE CONDENSERS

VSEC 1200 RPM (Code K)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS005^K1	$11,808	$12,197	$12,573	$12,949	1 x 1	350
WDS006^K1	13,586	13,975	14,351	14,727	1 x 1	375
WDS008^K1	14,553	14,942	15,318	15,694	1 x 1	400
WDS013^K2	24,211	24,989	25,741	26,493	1 x 2	725
WDS016^K2	29,335	30,113	30,865	31,617	1 x 2	750
WDS019^K2	32,801	33,579	34,331	35,083	1 x 2	775
WDS024^K3	43,299	44,466	45,594	46,722	1 x 3	1,125
WDS028^K3	47,800	48,967	50,095	51,223	1 x 3	1,150
WDS032^K4	59,479	61,035	62,539	64,043	1 x 4	1,500
WDS038^K4	64,501	66,057	67,561	69,065	1 x 4	1,525
WDS041^K5	74,258	76,203	78,083	79,963	1 x 5	1,875
WDS049^K5	82,066	84,011	85,891	87,771	1 x 5	1,900
WDS059^K6	98,297	100,631	102,887	105,143	1 x 6	2,275
WDS069^K7	115,235	117,958	120,590	123,222	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD023^K2	$49,312	$50,868	$52,372	$53,876	2 x 2	1,500
WDD032^K2	58,606	60,162	61,666	63,170	2 x 2	1,525
WDD038^K2	64,761	66,317	67,821	69,325	2 x 2	1,550
WDD047^K3	87,752	90,086	92,342	94,598	2 x 3	2,275
WDD057^K3	97,264	99,598	101,854	104,110	2 x 3	2,300
WDD063^K4	117,315	120,427	123,435	126,443	2 x 4	3,025
WDD075^K4	128,870	131,982	134,990	137,998	2 x 4	3,050
WDD082^K5	148,520	152,410	156,170	159,930	2 x 5	3,775
WDD099^K5	164,301	168,191	171,951	175,711	2 x 5	3,800
WDD118^K6	196,578	201,246	205,758	210,270	2 x 6	4,550
WDD138^K7	230,861	236,307	241,571	246,835	2 x 7	5,300

^ Insert voltage code here.

575V motors are not available for models with VSEC motors.

VSEC 900 RPM (Code L)

SINGLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDS004^G1	$11,808	$12,197	$12,573	$12,949	1 x 1	350
WDS005^G1	13,586	13,975	14,351	14,727	1 x 1	375
WDS007^G1	14,553	14,942	15,318	15,694	1 x 1	400
WDS010^G2	24,211	24,989	25,741	26,493	1 x 2	725
WDS014^G2	29,335	30,113	30,865	31,617	1 x 2	750
†WDS015^G2*	32,801	33,579	34,331	35,083	1 x 2	775
WDS021^G3	43,299	44,466	45,594	46,722	1 x 3	1,125
†WDS025^G3*	47,800	48,967	50,095	51,223	1 x 3	1,150
WDS028^G4	59,479	61,035	62,539	64,043	1 x 4	1,500
†WDS033^G4*	64,501	66,057	67,561	69,065	1 x 4	1,525
WDS035^G5	74,258	76,203	78,083	79,963	1 x 5	1,875
†WDS044^G5*	82,066	84,011	85,891	87,771	1 x 5	1,900
†WDS052^G6*	98,297	100,631	102,887	105,143	1 x 6	2,275
†WDS061^G7*	115,235	117,958	120,590	123,222	1 x 7	2,650

DOUBLE FAN WIDTH

Model Number	8 FPI	10 FPI	12 FPI	14 FPI	Fans	Approx Net Weight (LBS.)
WDD020^G2	$49,312	$50,868	$52,372	$53,876	2 x 2	1,500
WDD028^G2	58,606	60,162	61,666	63,170	2 x 2	1,525
†WDD032^G2*	64,761	66,317	67,821	69,325	2 x 2	1,550
WDD042^G3	87,752	90,086	92,342	94,598	2 x 3	2,275
†WDD049^G3*	97,264	99,598	101,854	104,110	2 x 3	2,300
WDD056^G4	117,315	120,427	123,435	126,443	2 x 4	3,025
†WDD065^G4*	128,870	131,982	134,990	137,998	2 x 4	3,050
WDD070^G5	148,520	152,410	156,170	159,930	2 x 5	3,775
†WDD087^G5*	164,301	168,191	171,951	175,711	2 x 5	3,800
†WDD105^G6*	196,578	201,246	205,758	210,270	2 x 6	4,550
†WDD122^G7*	230,861	236,307	241,571	246,835	2 x 7	5,300

^ Insert voltage code here.

† These models fulfill California Title 24 condenser efficiency requirements when utilizing 10 FPI coils.

Large Air Cooled Condenser Options

	Fan configuration												
	1X1	1X2	1X3	1X4	1X5	1X6	1X7	2X2	2X3	2X4	2X5	2X6	2X7
Disconnect Options													
Through the door non-fused disconnect	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Through the door fused disconnect	$425	488	720	817	899	982	1,064	817	982	1,267	1,554	1,843	2,128
Main Power Circuit Breaker	$873	873	1,079	1,079	1,079	1,079	1,079	1,079	1,079	1,157	1,157	1,157	1,157
Bladed Safety Switch, Non-fused	$777	777	1,498	1,498	1,498	1,498	1,498	1,498	1,498	1,889	1,889	1,889	1,889
110 VAC - 20 Amp Convenience Outlet powered by separate building feed or transformer	$313	313	313	313	313	313	313	313	313	313	313	313	313
Fan Cycling Options - Requires Contactor Option													
Ambient fan cycling†	—	$867	1,182	1,575	1,967	2,361	2,755	877	1,182	1,575	1,967	2,361	2,755
Mechanical Pressure fan cycling (per circuit) W/O Header†	—	$1,304	1,427	1,902	2,378	2,854	3,328	1,304	1,427	1,902	2,378	2,854	3,328
Mechanical Pressure fan cycling (per circuit) W/ Header†	—	$1,662	2,139	2,618	3,097	3,575	4,062	1,662	2,139	2,618	3,097	3,575	4,062
Electronic Pressure fan cycling (per circuit) W/O Header†	—	$1,353	1,696	2,817	3,939	5,059	5,942	1,353	1,696	2,817	3,939	5,059	5,942
Electronic Pressure fan cycling (per circuit) W/ Header†	—	$1,922	3,042	4,163	5,285	6,158	7,236	1,922	3,042	4,163	5,285	6,158	7,236
Note: Header fan is continuous run and not cycled.													
Electronic Header End Fan Speed Control - Req. Contactor & Fan Cycle on 1x2 and Larger													
Variable speed header end fan (1 or 2 Circuit) ambient controlled†	$2,155	2,454	2,768	3,162	3,556	3,951	4,344	2,452	2,847	3,244	3,638	4,033	4,427
Variable speed header end fan (1 or 2 Circuit) Mechanical control - pressure†	$2,570	2,760	3,053	3,527	4,005	4,481	4,954	2,760	3,053	3,527	4,005	4,481	4,954
Variable speed header end fan (1 or 2 Circuit) Electronic control - pressure†	$2,722	3,015	3,322	4,443	5,565	6,427	7,507	3,015	3,322	4,443	5,565	6,427	7,507
Variable Frequency Drive (VFD)													
VFD Package - Shipped Loose†	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F
VFD Package - Factory Mounted†	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F	C/F
Control Boards - Items with this mark also ‡ require the contactor optio													
CPC relay board + xfmr (1x1 thru 2x4 config) ‡	$2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	-	-	-
CPC relay boards (2)+ xfmr (2x5 thru 2x7 config) ‡	—	—	—	—	—	—	—	—	-	-	5,250	5,250	5,250
CPC relay board condenser split 50/50 (1 board + relay)	$2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913
CPC analog speed control board and transformer	$2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930
DANFOSS relay board + xfmr (1x1 thru 2x4 config) ‡	$2,810	2,810	2,810	2,810	2,810	2,810	2,810	2,810	2,810	2,810	-	-	-
DANFOSS relay boards (2) + xfmr (2x5 thru 2x7 config) ‡	—	—	—	—	—	—	—	—	-	-	5,760	5,760	5,760
DANFOSS relay board condenser split 50/50 (relay) ‡	$4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126	4,126
DANFOSS analog speed control board and transformer	$3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245	3,245
VSEC Stand alone motor control (C450)	$4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260	4,260
Consult Application Engineering For Other Relay Board Options													
Control Options													
Control Circuit Breaker (2P - 15A)	$279	279	279	279	279	279	279	279	279	279	279	279	279
Control circuit transformer†	$529	529	529	529	529	529	529	529	529	529	529	529	529
Fan Control Options (Contactors)													
Individual Motor Contactors†	$223	445	666	888	1,109	1,331	1,552	888	1,331	1,774	2,218	2,661	3,104
Paired Motor Contactors†	—	—	—	—	—	—	—	445	667	889	1,111	1,333	1,555
NEMA rated Contactors - Individual†	$913	1,826	2,739	3,651	4,564	5,477	6,390	3,651	5,477	7,302	9,128	10,953	12,779
NEMA rated Contactors - PAIRED†	—	—	—	—	—	—	—	1,826	2,739	3,651	4,564	5,477	6,390
Individual motor fuses†	$225	449	672	896	1,120	1,343	1,567	896	1,343	1,791	2,239	2,686	3,134
Paired motor fuses†	—	—	—	—	—	—	—	449	672	896	1,120	1,343	1,567
Individual circuit breakers††	$623	894	1,330	1,782	2,219	2,671	3,084	1,782	2,671	3,545	4,436	5,326	5,957
Paired circuit breakers††	—	—	—	—	—	—	—	894	1,330	1,782	2,219	2,671	3,084
Individual motor terminal boards†	$157	312	468	623	780	935	1,090	623	935	1,496	1,808	2,117	2,429
Paired motor terminal blocks†	—	—	—	—	—	—	—	312	468	623	780	935	1,090
Fan toggle switches - per fan (to control contactors)†	$93	187	277	371	463	556	649	371	556	742	926	1,111	1,296
Fan toggle switches - PAIRED (to control contactors)†	—	—	—	—	—	—	—	187	277	371	463	556	649
Fan toggle switches - per fan (to control Motors)†	$425	425	425	425	425	425	425	1,494	2,240	2,987	3,734	4,480	5,227
Fan toggle switches - PAIRED (to control Motors)†	—	—	—	—	—	—	—	747	1,120	1,494	1,867	2,240	2,614
Build Options**													
Horizontal Air Discharge	$628	921	1,355	1,663	1,956	2,250	2,525	1,841	2,681	3,326	3,911	4,499	5,053
Aluminum Housing	$250	500	750	999	1,249	1,499	1,748	999	1,499	1,998	2,498	2,997	3,496
Stainless Steel Housing	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A
Leg length - 21" or 30" - Standard Vertical air discharge	$131	262	392	392	392	483	614	262	392	392	392	483	614
Leg length - 46" (Vertical air discharge only)	$156	310	464	464	464	571	725	310	464	464	464	571	725
Box Style Leg at every location- 25" (Vertical air discharge only)	$456	684	912	1,140	1,368	1,596	1,824	684	912	1,140	1,368	1,596	1,824
Sealtite wiring to motor rail	$196	243	368	495	612	737	860	495	737	982	1,230	1,475	1,711
Sealtite wiring to electrical box	$649	1,298	1,947	2,595	3,244	3,893	4,542	2,595	3,893	5,190	6,488	7,785	9,083
Condenser Base with 18" legs (Vertical air discharge only)	$1,592	2,297	3,004	4,302	5,205	5,969	6,932	2,297	3,004	4,302	5,205	6,207	7,210
Condenser Base with 30 or 46" legs (Vertical air discharge only)	$1,703	2,523	3,341	4,261	5,769	6,618	7,690	2,523	3,341	4,753	5,769	6,882	7,998
Condenser / Reciever Assembly (Vertical air discharge only)	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A
Header End control panel mounting (Specify location change)	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C

Flooded Head Pressure Controls (Shipped loose only)	Number of Controls							
List Price per compressor system†	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A
Number of Controls per compressor system†	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A
Manifold included†	C/A	C/A	C/A	C/A	C/A	C/A	C/A	C/A

* Multiple valves or manifolds are required for multi-circuit condensers.

** Contact Application Engineering to obtain price quotes for special fin materials or coatings.

N/C = No additional charge for this feature.

C/A = Contact Application engineering for custom price quote.

† This option is not available for condensers with VSEC motors.

†† Units with VSEC motors **include** individual circuit breaker. Paired circuit breakers are not available.

PRINCIPAL TERMS AND CONDITIONS OF SALE

1. Applicable Law and Terms of Sale: All orders shall be subject to the following terms and conditions notwithstanding any additional or contrary printed terms and conditions of Buyer. Such additional or contrary terms shall not bind Seller unless accepted in writing even though such terms do not materially alter the terms hereof. No oral statements, warranties, stipulations, representations or terms shall have any binding effect or be any part of the contract whatsoever.
2. Orders: All orders must be in writing and will be binding when our order acknowledgment is mailed. Orders are accepted subject to strikes, fires, accidents, and other causes beyond our reasonable control. Acceptance of your order is conditioned upon an agreement to hold us harmless by reason of delivery delays.
3. Prices: Prices are subject to change without notice, and all quotations, unless otherwise specified, are binding only for immediate acceptance. Prices are based on material made to Seller's standard tolerances, unless otherwise specified.
4. Freight: All products are shipped FOB Point of Shipment with full freight allowed on single orders with a net price value of $7000.00 or more, except surface coils and parts, within the continental USA (excluding Alaska and Hawaii). Routing and selection of carrier will be made by Seller. For special routing requests, Buyer will bear all additional costs for such routing. Equipment is shipped at Buyer's risk. Buyer should examine equipment before signing transportation receipt. If equipment is received damaged or if quantity received does not match freight bill, the Buyer should require agent to so indicate on freight bill and immediately file a damage/missing claim. Our liability ceases upon delivery of equipment in good order to the freight carrier.
5. Taxes: Any sales, use, excise, or similar tax payable by Seller which is or may be imposed by any taxing authority upon manufacture, sale or delivery of goods covered by any order or any increase in rate of any such tax now in force, shall be added to the sales price; if not collected at the time of payment of sales price, Buyer will hold Seller harmless.
6. Limited Warranty: Seller warrants against defect in materials and workmanship in products which it manufactures for (1) year from date of installation or up to (18) eighteen months from the date of shipment, whichever event occurs first, when properly installed and operated under normal use. This guarantee does not include any labor or other charges made outside of the Seller's factory for replacement or repair of defective parts unless specifically stated in the body of the Sellers invoice. On parts not manufactured by Seller, such as motors, controls, valves and compressors we extend to the Buyer the same warranties made to us by the manufacturer. Sellers only liability under this warranty or otherwise shall be the repair or replacement (at Seller's option) of non-conforming goods or parts. Seller assumes no liability for incidental or consequential damages such as injury to person or property, or lost profits.
7. THIS GUARANTEE SUPERSEDES AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES BY LAW OR CUSTOM, EITHER EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED BY THIS ENUMERATION, ANY GUARANTEE AS TO QUALITY OR FITNESS FOR ANY PARTICULAR PURPOSE, EXCEPT AS SET FORTH ABOVE. NO PERSON, AGENT, OR DEALER IS AUTHORIZED TO GIVE ANY WARRANTIES ON BEHALF OF SELLER NOR TO ASSUME FOR SELLER ANY OTHER LIABILITY IN CONNECTION WITH ANY OF THE SELLER'S PRODUCTS.
8. Delivery: Seller shall not be liable for any delays in or failure of delivery due to acts of God or public authority, labor disputes, accidents, fires, floods, extreme weather conditions, failure of and delays by carriers, shortages of material, delays of a supplier, and any other cause beyond Seller's control. In no event shall Seller be liable for consequential or special damages arising out of a delay in or failure of delivery. Failure to meet estimated ship dates will not be considered sufficient cause of cancellation of orders.
9. Cancellations and Returned Goods: Permission to return any part or product must be obtained from Seller and may be subject to a restocking charge. Credits for new material accepted for return will be at the original sales price or current market price, whichever is lower, less handling and restocking charges. Buyer must prepay all transportation charges. Any costs for putting material in condition for resale will be charged to the Buyer. Shipment of material returned without factory authorization or not properly tagged with a Return Material Authorization Number or not freight prepaid cannot be received by Seller. Obsolete products or material made to special order are not returnable.
10. Catalog Materials and Drawings: Seller is not responsible for typographical errors or other errors of omission in Seller's catalogs or drawings.
11. Late Charge Provision: Buyer agrees to pay a late charge of 1-1/2% per month (18% per year) for any invoice or bill not paid within (30) thirty days of the date of the billing invoice.
12. Choices of law, Disputes: This agreement and the performance of the parties hereunder shall be construed in accordance with and governed by the laws of the State of Georgia and shall be deemed made in the state. Buyer irrevocably consents to the exclusive jurisdiction of the courts of Fulton County, on all matters arising out of or relating to this sale and Buyer further irrevocably consents to service of process by certified mail, return receipt requested, at Buyers address set froth in the order acknowledgement.

The above terms and conditions apply to all orders placed with the Seller. Buyer acknowledges having read and understood these terms and conditions and agrees to abide by them upon placement of any order with the Seller. In the event it becomes necessary to refer the account to a collection agency or to institute legal action to obtain payment of the account, Buyer agrees to pay all reasonable attorney fees and court costs incurred by such action.