

**COMMERCIAL
MODELS: 1813 THRU 4000**

CATALOG NO. 9300.60
Effective: 07-15-16
Replaces: 08-03-10

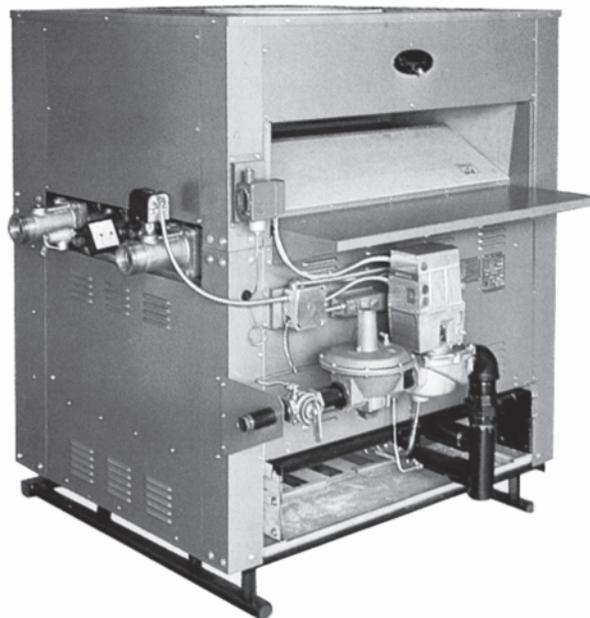
RAYPAK REPLACEMENT PARTS

MODEL SIZES: 1813, 2001, 2406, 3000, 3291, 4000
MODEL TYPES: T, Tb, Tc, Tx, WT, THWS, TIP

DATES OF MANUFACTURE: *1968 THRU 9-1-84 AS NOTED.
MODEL: 3291, 1968 THRU 1983

* SERVICE PARTS LISTED IN THIS PAMPHLET ARE FOR UNITS BUILT AFTER 7-2-80.

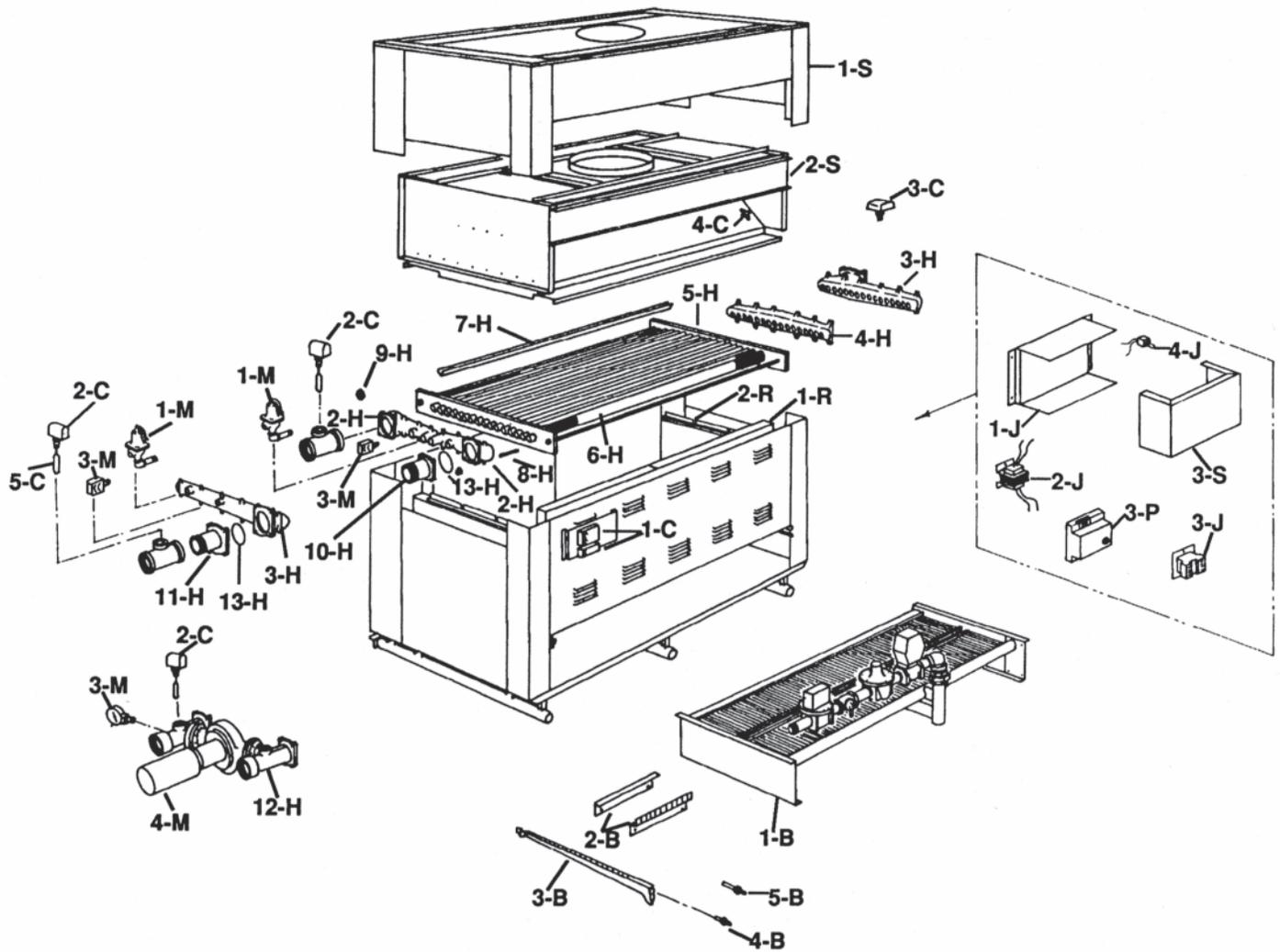
THE PARTS LISTED ARE FOR STANDARD EQUIPMENT FOR THIS MODEL TYPE. RAYPAK RESERVES THE RIGHT TO SUBSTITUTE, DELETE OR CHANGE ANY PART WITHOUT NOTIFICATION. THE ADDITION OF OPTIONS MAY ALSO CHANGE SOME OF THE PARTS. ORDER REPLACEMENT PARTS FROM ACTUAL HEATER COMPONENTS.



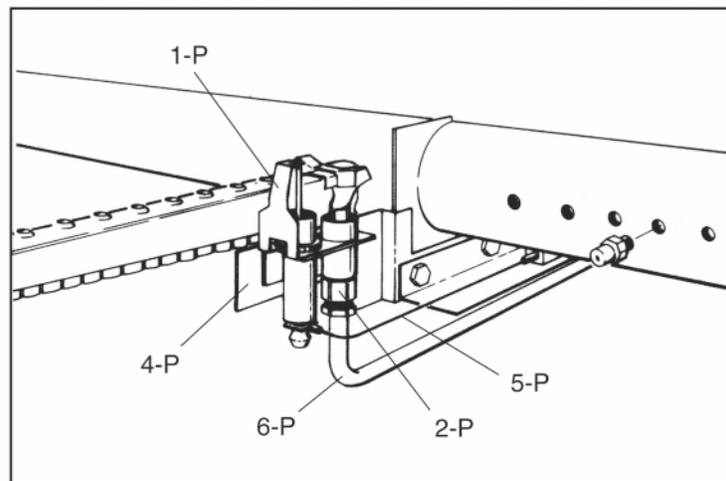
FOR DETAILED INSTRUCTIONS, SEE "HOW TO USE YOUR RAYPAK ILLUSTRATED PARTS LIST",
CATALOG NO. 9001.10



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Litho In U.S.A.



HONEYWELL IID PILOT



CALL OUT	DESCRIPTION	1813	2001	2406	3000	3291	4000
B BURNER TRAY**							
1-B	Burner Tray w/Burners (Sea Level) *	N/A	N/A	N/A	N/A	N/A	N/A
	Burner Tray w/o Burners (Sea Level) *	N/A	N/A	N/A	N/A	N/A	N/A
2-B	Burner Spacer/Hold Down Kit	N/A	N/A	N/A	N/A	N/A	N/A
3-B	Burner	301210/116	301210/128	301210/154	301210/192	301210/210	301210/256
4-B	Burner Orifice Nat #49 (Sea Level) *	350078F/116	350078F/128	350078F/154	350078F/192	350078F/210	350078F/256
	Burner Orifice Pro #57 (Sea Level) *	350083F/116	350083F/128	350083F/154	350083F/192	350083F/210	350083F/256
5-B	Extension Orifice/Burner	N/A	N/A	N/A	N/A	N/A	N/A
C CONTROLS							
1-C	Manual Hi Limit (T, Tb, TIP, THWS)	007144F	007144F	007144F			
	Auto Reset Dualstat (WT, TC)	004092F	004092F	004092F			
	Manual Reset Dualstat				004092F	004092F	004092F
	Adj. Auto Hi Limit (Tx, WT 3001-4000)	007141F	007141F	007141F	007141F	007141F	007141F
	Controller 2 Stage (Tb)	007392F	007392F	007392F	007392F	007392F	007392F
	Controller (T)	N/A	N/A	N/A	N/A	N/A	N/A
	Controller (TIP/THWS)	N/A	N/A	N/A	N/A	N/A	N/A
	Controller (Tx W/B3)	N/A	N/A	N/A	N/A	N/A	N/A
	Controller (Tx W/B5)	N/A	N/A	N/A	N/A	N/A	N/A
2-C	Flow Switch	007142F	007142F	007142F	007142F	007142F	007142F
3-C	Low Water Cut Off	006202F	006202F	006202F	006202F	006202F	006202F
4-C	Thermostat Economaster	003609F	003609F	003609F	003609F	003609F	003609F
5-C	Flow Switch Paddle						
	McDonnell Miller	004079F	004079F	004079F	004079F	004079F	004079F
	Taco	010026F	010026F	010026F	010026F	010026F	010026F
G GAS VALVES SEE GAS VALVE REPLACEMENT CHART							
H HEAT EXCHANGER							
1-H	Heat Exch. Assy-Cast Iron 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exch. Assy-Brass 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exch. Assy-Cast Iron 2 Pass Cupro	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exch. Assy-Brass 2 Pass Cupro	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exch. Assy-Cast Iron 1 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exch. Assy-Brass 1 Pass	N/A	N/A	N/A	N/A	N/A	N/A
2-H	Inlet/Outlet Header Cast Iron 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Inlet/Outlet Header Brass 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
3-H	Inlet/Outlet Header Cast Iron 1 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Inlet/Outlet Header Brass 1 Pass	N/A	N/A	N/A	N/A	N/A	N/A
4-H	Return Header Cast Iron 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
	Return Header Brass 2 Pass	N/A	N/A	N/A	N/A	N/A	N/A
5-H	Tube Bundle	N/A	N/A	N/A	N/A	N/A	N/A
	Tube Bundle Cupro Nickle	N/A	N/A	N/A	N/A	N/A	N/A
6-H	Heat Exchange Tube	N/A	N/A	N/A	N/A	N/A	N/A
	Heat Exchange Tube Cupro Nickle	N/A	N/A	N/A	N/A	N/A	N/A
7-H	Baffle Kit	N/A	N/A	N/A	N/A	N/A	N/A
8-H	Stud Bolt Kit	001052F	001052F	001052F	001052F	001052F	001052F
9-H	Header Gasket	001054F	001054F	001054F	001054F	001054F	001054F
10-H	Adapter Inlet/Outlet Cast Iron 2 Pass	002088F	002088F	002088F	002088F	002088F	002088F
	Adapter Inlet/Outlet Brass 2 Pass	002087F	002087F	002087F	002087F	002087F	002087F
	Adapter Outlet Brass 1 Pass	005399F	005399F	005399F	005399F	005399F	005399F
12-H	Adapter Inlet/Outlet Brass 2 Pass TIP	002089F	002089F	002089F	002089F	002089F	002089F
13-H	Adapter Gasket 2 Pass	005891F	005891F	005891F	005891F	005891F	005891F
	Adapter Gasket 1 Pass	800032	800032	800032	800032	800032	800032
14-H	Sensor-Well 1/2 OD	350339	350339	350339	350339	350339	350339
	Sensor Well 5/8 OD	350337	350337	350337	350337	350337	350337
15-H	Well Retaining Clip	300203	300203	300203	300203	300203	300203

*FOR ALTITUDES ABOVE 2,000 FEET ABOVE SEA LEVEL, CONSULT THE FACTORY.

**REPLACEMENT BURNER TRAYS ARE BUILT FOR SEA LEVEL, NATURAL GAS APPLICATIONS UNLESS OTHERWISE SPECIFIED AT THE TIME THE ORDER IS PLACED.

CALL OUT	DESCRIPTION	1813	2001	2406	3000	3291	4000
J	J-BOX						
1-J	J Box Nat/Pro IID	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Nat/Pro IID TIP	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Nat/Pro C2 (Not Shown)	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Nat/Pro C2 TIP (Not Shown)	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Nat/Pro IRI (Not Shown)	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Nat/Pro IRI TIP (Not Shown)	N/A	N/A	N/A	N/A	N/A	N/A
2-J	Transformer IID, C2 & IRI (Not Shown)	006533F	006533F	006533F	006533F	006533F	006533F
	Transformer Ignition C2 & IRI (Not Shown)	007361F	007361F	007361F	007361F	007361F	007361F
3-J	Relay SPST 24V IID	007377F	007377F	007377F	007377F	007377F	007377F
	Relay SPDT 120V C2 (Not Shown)	008145F	008145F	008145F	008145F	008145F	008145F
	Relay DPDT 120V IRI (Not Shown)	N/A	N/A	N/A	N/A	N/A	N/A
	Contactors 3 PST 120V IID/IRI TIP (Not Shown)	600543F	600543F	600543F	600543F	600543F	600543F
	Contactors 3 PST 24V C2 TIP (Not Shown)	600544F	600544F	600544F	600544F	600544F	600544F
4-J	Toggle Switch	008079F	008079F	008079F	008079F	008079F	008079F
M	MISCELLANEOUS						
1-M	PRV 60 PSI (T, Tb, Tx, Tc)	007753F	007754F	007754F	007755F	007755F	007755F
	PRV 125 PSI (WT, THWS, TIP)	007758F	007758F	007758F	007759F	007759F	007759F
2-M	Delimiting Kit	052870F	052870F	052870F	052870F	052870F	052870F
3-M	T & P Gauge (T, Tb, Tx)	007205F	007205F	007205F	007205F	007205F	007205F
	T & P Gauge (WT, THWS, TIP, Tc)	007399F	007399F	007399F	007399F	007399F	007399F
4-M	Pump w/volute Bronze*	N/A	N/A	N/A	N/A	N/A	N/A
	Pump w/Volute CIBF*	N/A	N/A	N/A	N/A	N/A	N/A
P	PILOT						
1-P	Pilot Nat IID	002234F	002234F	002234F	002234F	002234F	002234F
	Pilot Pro IID	002235F	002235F	002235F	002235F	002235F	002235F
	Pilot Nat C2 & IRI	002236F	002236F	002236F	002236F	002236F	002236F
	Pilot Pro C2 & IRI	N/A	N/A	N/A	N/A	N/A	N/A
2-P	Pilot Orifice Nat IID	600552	600552	600552	600552	600552	600552
	Pilot Orifice Pro IID	600894	600894	600894	600894	600894	600894
	Pilot Orifice Nat C2 & IRI	600552	600552	600552	600552	600552	600552
	Pilot Orifice Pro C2 & IRI	N/A	N/A	N/A	N/A	N/A	N/A
3-P	Ignition Control IID	004818B	004818B	004818B	004818B	004818B	004818B
	Ignition Control C2 & IRI (Complete)	008702F	008702F	008702F	008702F	008702F	008702F
4-P	Pilot Mounting Bracket	304569F	304569F	304569F	304569F	304569F	304569F
5-P	Ignitor Wire	064839	064839	064839	064839	064839	064839
6-P	Pilot Tube (Specify Length)	400013	400013	400013	400013	400013	400013
7-P	Hi Tension Wire	002663B	002663B	002663B	002663B	002663B	002663B
8-P	Amplifier Flame Rectification C2	008092F	008092F	008092F	008092F	008092F	008092F
R	REFRACTORY						
1-R	Refractory Block Kit	N/A	N/A	N/A	N/A	N/A	N/A
2-R	Refractory Retainer Kit	N/A	N/A	N/A	N/A	N/A	N/A
S	SHEETMETAL						
1-S	Draffhood Top Assy (Includes Flue Collector)	N/A	N/A	N/A	N/A	N/A	N/A
2-S	Flue Collector	N/A	N/A	N/A	N/A	N/A	N/A
3-S	J Box Sheetmetal	N/A	N/A	N/A	N/A	N/A	N/A
	J Box Sheetmetal C2	008703F	008703F	008703F	008703F	008703F	008703F

* For individual pump parts see separate pump parts IPL 9300.100

B-3 SERVICE REPLACEMENT PARTS		PART NO.
B-3 (W902) CONTROLLER		
Outdoor Reset Controller (W902)		N/A
Outdoor Temp. Sensor		N/A
Water Sensor		N/A
Motor (M944J) (B3-1)		N/A
Motor (M944J) (B3-2)		N/A
Potentiometer		N/A
Auxiliary End Switch (B3-1)		N/A
Auxiliary End Switch (B3-2)		N/A
Actuator		600449
Relay-DPDT 120V		008145F

CALL OUT	PART NO.	T, THWS, TIP						WT,TC					
		1813	2001	2406	3000	3291	4000	1813	2001	2406	3000	3291	4000
G	GAS VALVES												
	Manual "B" Valve 1/8"	007195F	1	1	1	1	1	1	1	1	1	1	1
	Manual "A" Valve 1 1/2"	600881	1	1	1				1	1	1		
	Manual "A" Valve 2"	600882				1	1	1			1	1	1
	Pressure Regulator Nat 1/8"	600217	1	1	1	1	1	1	1	1	1	1	1
	Pressure Regulator Pro 1/8"	003568F	1	1	1	1	1	1	1	1	1	1	1
	Pressure Regulator Nat 1 1/2"	600044	1										
	Pressure Regulator Pro 1 1/2"	003617F	1										
	Pressure Regulator Nat 2"	600036	1*	1	1				1*	1*	1*	1*	
	Pressure Regulator Pro 2"	003604F	1*	1	1				1*	1*	1*	1*	
	Pressure Regulator Nat 2 1/2"	600078				1	1	1			1	1	1
	Pressure Regulator Pro 2 1/2"	003614F				1	1	1			1	1	1
	Auto On/Off Valve 1 1/2"	004095F	1	1	1				1	1			
	Auto On/Off Valve 2"	004096F									1		
	Gas Valve Body 2"	600453	2	2	2	2	2	2	2*	2*	2*	2	2
	Gas Valve Body 2 1/2"	600454						2					2
	Comb. Gas Valve Nat 1 1/4"	600632							1				
	Comb. Gas Valve Pro 1 1/4"	N/A							1				
	Comb. Gas Valve Nat 1 1/2"	600633								1	1		
	Comb. Gas Valve Pro 1 1/2"	N/A								1	1		
	Comb. 2-Stage Valve Nat 1 1/4"	600656											
	Comb. 2-Stage Valve Pro 1 1/4"	N/A											
	Comb 2-Stage Valve Nat 1 1/2"	600850											
	Comb. 2-Stage Valve Pro 1 1/2"	N/A											
	Actuator, On/Off	011908F	1*	1*	1*	1	1	1	2*	2*	2*	2	2
	Actuator, Modulation	600449	1	1	1	1	1	1					
	Actuator, 2-Stage	600458											
	Actuator - B3	N/A											
	Gas Pressure Switch (High)	007188F	1*	1*	1*	1	1	1	1*	1*	1*	1	1
	Gas Pressure Switch (Low)	007187F	1	1	1	1	1	1	1	1	1	1	1
	Lube/Cock Valve 2"	600327	2	2	2	2	2	2	2	2	2	2	2
	Lube/Cock Valve 2 1/2"	600328						2					2
	Gas Vent Valve 1"	011914F	1	1	1	1	1	1	1	1	1	1	1
	Gas Vent Valve 1 1/4"	600548						1					1

*REQUIRED FOR IRI MODELS

CALL OUT	PART NO.	Tb						Tx						
		1813	2001	2406	3000	3291	4000	1813	2001	2406	3000	3291	4000	
G	GAS VALVES													
	Manual "B" Valve 1/8"	007195F	1	1	1	1	1	1	1	1	1	1	1	1
	Manual "A" Valve 1 1/2"	600881	1	1	1				1	1	1			
	Manual "A" Valve 2"	600882				1	1	1				1	1	1
	Pressure Regulator Nat 1/8"	600217	1	1	1	1	1	1	1	1	1	1	1	1
	Pressure Regulator Pro 1/8"	003568F	1	1	1	1	1	1	1	1	1	1	1	1
	Pressure Regulator Nat 1 1/2"	600044							1					
	Pressure Regulator Pro 1 1/2"	003617F							1					
	Pressure Regulator Nat 2"	600036	1*	1*	1*	1*			1*	1	1	1*		
	Pressure Regulator Pro 2"	003604F	1*	1*	1*	1*				1	1			
	Pressure Regulator Nat 2 1/2"	600078				1	1	1				1	1	1
	Pressure Regulator Pro 2 1/2"	003614F				1	1	1				1	1	1
	Auto On/Off Valve 1 1/2"	004095F	1	1					1	1	1			
	Auto On/Off Valve 2"	004096F			1									
	Gas Valve Body 2"	600453	2*	2*	2*				2*	2*	2*	2	2	
	Gas Valve Body 2 1/2"	600454				2	2	2						2
	Comb. Gas Valve Nat 1 1/4"	600632												
	Comb. Gas Valve Pro 1 1/4"	N/A												
	Comb. Gas Valve Nat 1 1/2"	600633												
	Comb. Gas Valve Pro 1 1/2"	N/A												
	Comb. 2-Stage Valve Nat 1 1/4"	600656	1											
	Comb. 2-Stage Valve Pro 1 1/4"	N/A	1											
	Comb 2-Stage Valve Nat 1 1/2"	600850		1	1									
	Comb. 2-Stage Valve Pro 1 1/2"	N/A		1	1									
	Actuator, On/Off	011908F	1*	1*	1*	1	1	1	1	1*	1*	1	1	1
	Actuator, Modulation	600449							1	1	1	1	1	1
	Actuator, 2-Stage	600458	1*	1*	1*	1	1	1						
	Actuator - B3	N/A							1	1	1	1	1	1
	Gas Pressure Switch (High)	007188F	1*	1*	1*	1	1	1	1	1*	1*	1	1	1
	Gas Pressure Switch (Low)	007187F	1	1	1	1	1	1	1	1	1	1	1	1
	Lube/Cock Valve 2"	600327	2	2	2	2	2		2	2	2	2	2	
	Lube/Cock Valve 2 1/2"	600328						2						2
	Gas Vent Valve 1"	011914F	1	1	1	1	1		1	1	1	1	1	
	Gas Vent Valve 1 1/4"	600548						1						1

*REQUIRED FOR IRI MODELS



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