

POOL

HIT THE MARK!

Efficiency vs. Return Temperature

It's a fact that no matter what boiler efficiencies are claimed, actual operating efficiency performance in the "90's" is only achieved when the water entering the condensing heat exchange area is **below 140°F** and, the lower the better!

ADB-High-Efficiency When Needed

When designing a system that can supply make-up and/or constant return water below 140°F, specify ADB in the E-Master™ combination: **Only invest in the 90-98% efficiency capability when the system allows you to achieve it!** Then, design an ADB E-Master™ system to do the job.



Here's How For Swimming Pools- A Perfect Application With ADB E-Master™

The continuous need for heat and re-heat of pool water that typically returns from the 50°F's to the 80°F's, affords the opportunity for a maximum condensing-based efficiency of 98% (AGA certified at this level-it can be even higher on warm days).

Systems

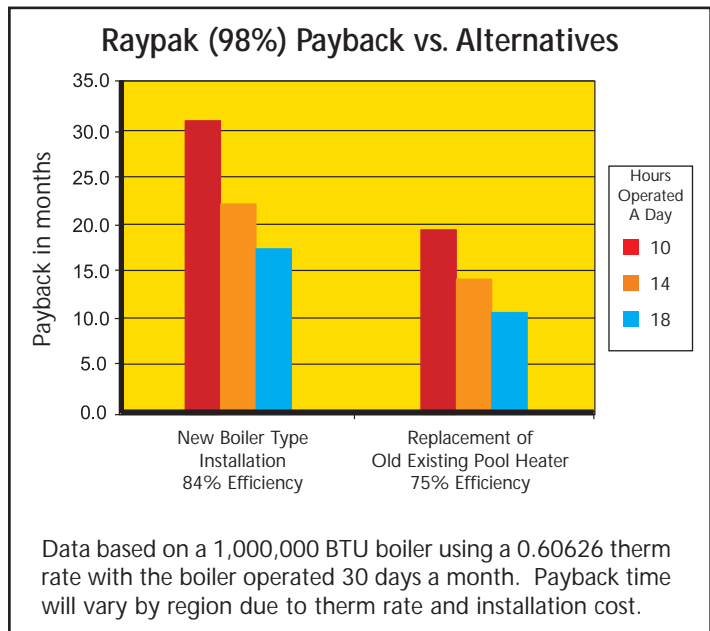
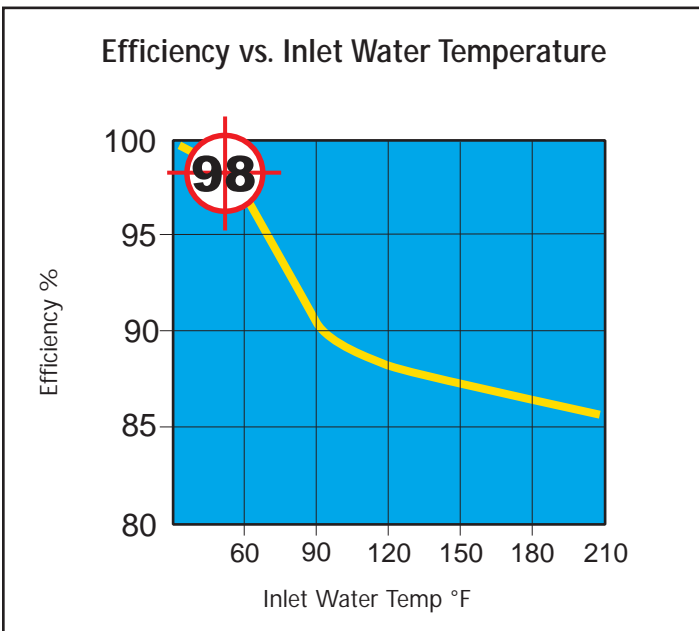
Typical primary/secondary pumping systems for pools are shown on the reverse. Because of the smaller ADB footprint, multiple boilers for redundancy are often used.

Put The Condensation Where It Belongs

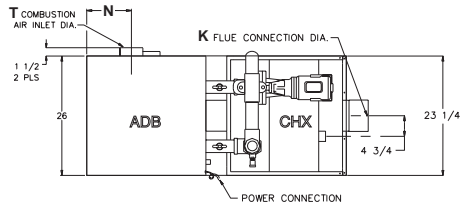
In a condensing heat exchanger, separate from the combustion chamber.

- Cupro-Nickel tubes
- Bronze headers
- Patented Epoxy Coating On The Tubes
- Stainless Steel (AL29-4C) Tube Bundle Casing
- 10 Year Limited Warranty

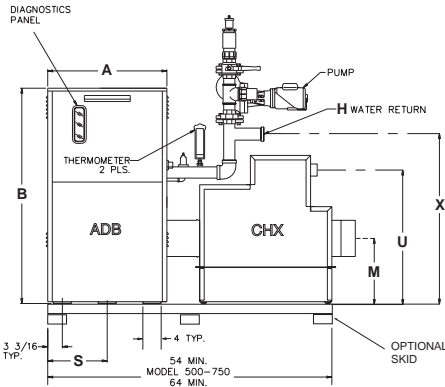
Model Sizes  
500 • 750 • 1000



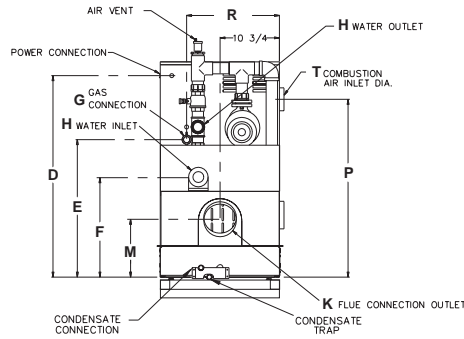
# ADB E-MASTER - POOL



TOP VIEW



FRONT VIEW



RIGHT SIDE



MODEL	MBTUH		A	B	D	E	F	G	H	K	M	N	P	R	S	T	U	X	Ship Wght. (lbs.)	Foot Print Ft <sup>2</sup>	ADB Amp Draw	PUMP Amp Draw
	Input	Output																				
500	500	490	26	49	46	30	22 1/2	1	2	6	13 3/4	8 5/8	40	22 1/4	13	6	22 1/4	29 1/2	770	6	6	8
750	750	735	26	56	53	37	28 1/2	1	2	8	17	8 5/8	46 1/2	22 1/4	13	6	27 3/4	39 1/2	805	7	7	10
1000	999	979	30	65 1/2	62 1/2	45 3/8	36 5/8	1 1/4	2 1/2	10	20 5/8	9 1/8	56 3/16	21 3/4	15	6	36 5/8	47 1/2	890	9	9	10

## Typical 1 Boiler Primary/Secondary Pumped System

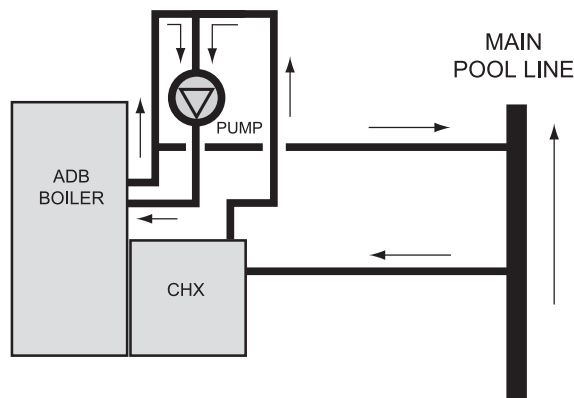


FIG # 9282

## Typical 2 Boiler Primary/Secondary Pumped System (Reverse Return)

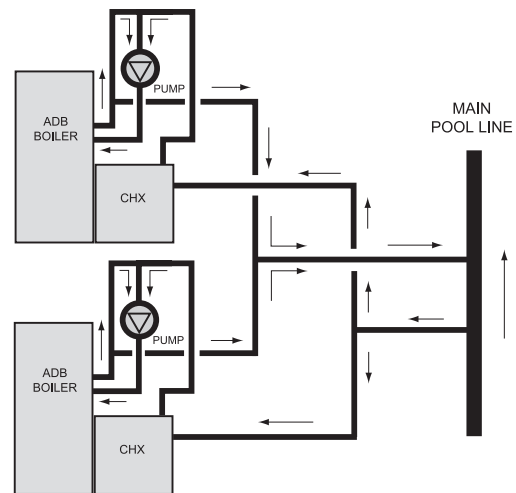


FIG # 9283



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