

ETi[®] 400

HIGH-EFFICIENCY HEATER



MORE STAYING POWER. MORE SAVING POWER

The job of a heat exchanger is to capture heat from burning gas and transfer it to your pool's water—the more efficiently, the better. The combination of operating heat and pool water chemistry is very tough on exchangers, leading to corrosion and failure. That's why we made the ETi 400 High-Efficiency Heater's direct-fire heat exchanger from pure titanium. It provides a long life even under extreme conditions and is the most corrosion-resistant material in the industry. The ETi heater has the highest efficiency in its class and is the longest lasting heat exchanger ever built, with ASME-certified construction.

FEATURES AND BENEFITS

- 400,000-BTU heater
- 96% thermal-efficient heater (highest in its class)
- ASME certified
- Corrosion resistance with Titan-Tough™ Titanium heat exchanger
- High efficiency equals large energy savings over standard heaters
- Ultra-quiet operation
- Easy Category IV venting and air intake: 120' with 4" PVC and 300' with 6" PVC pipe
- Easy to install, indoors and out
- Fast heat-up times
- 3-year parts and labor warranty

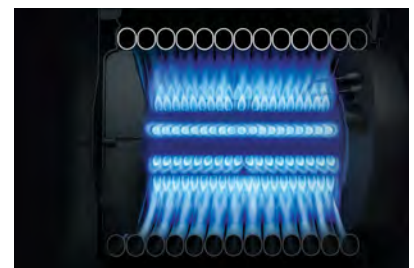
CONTROL PANEL

- 180° rotating control panel for left or right plumbing connection
- 180° rotating gas valve for front and rear gas connections
- Easy to set up and troubleshoot for service
- Common internal parts ensures availability



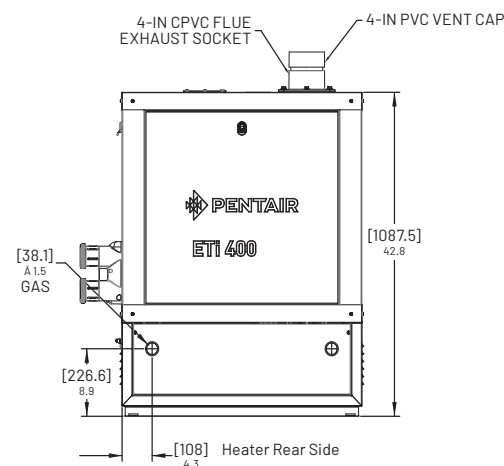
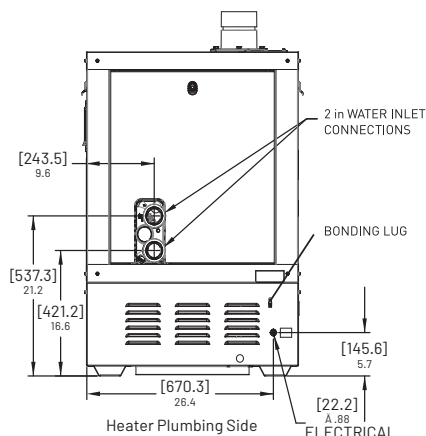
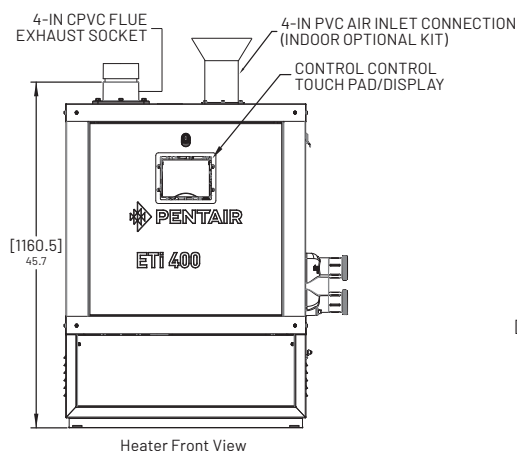
PURE TITANIUM. PURE EFFICIENCY

- 1,800°F flame temperatures and pool water chemistry are all in a day's work for titanium
- No welds, crimps or joints that reduce corrosion resistance. Tubing is shaped for maximum flow and efficiency
- Designed with elements that boost durability, performance and efficiency



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PRODUCTS

SKU#	DESCRIPTION
461113	ETi 400 High-Efficiency Gas Heater
475971	Indoor Direct Air Intake Kit
475612	Condensate Neutralizer Kit

POOL SIZING

TEMPERATURE RISE IN 24 HOURS (°F)	POOL GALLON CAPACITY
5	221,000
10	110,500
15	73,700
20	55,300
25	44,250
30	36,800

SPA SIZING

MINUTES TO RISE 30 DEGREES (°F)	SPA GALLONS
16	400
20	500
23	600
27	700
31	800
35	900
39	1,000

Note: The chart is based on a 30°F (16.6°C) temperature rise, discounting losses and only based on heat required to raise temperature in minutes.

SIGNIFICANT ENERGY COST SAVINGS EVERY YEAR

Pool Gallons	Average Annual Savings
25,000	\$334
50,000	\$669
75,000	\$1,004

The ETi 400 heater operates far more efficiently, with less run time per day. The run-time reduction pays off, especially for larger pools.

LOWER CO₂ EMISSIONS TO REDUCE YOUR CARBON FOOTPRINT

Pool Gallons	CO ₂ Emission Reduction (Pounds)
25,000	-3,201
50,000	-6,402
75,000	-9,699

As the ETi 400 High-Efficiency Heater more effectively adds heat to your pool water, less CO₂ goes out the exhaust. Over a year heating a 75,000-gallon pool, the ETi 400 High-Efficiency Heater will produce 9,699 fewer pounds of CO₂ than a conventional heater. That's almost equal to preventing the yearly emissions from a typical automobile.

Note: Energy savings and CO₂ reduction are based on an uncovered pool operating 6 months under moderate wind conditions and 65°F where the cost of natural gas is \$1.22 per 100,000 BTU.

For more specification information and sizing assistance, contact your local Pentair Sales Representative or www.pentair.com



1620 Hawkins Ave | Sanford, NC 27330 | 800.831.7133 | pentair.com

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