

HYDROHEAT

Hot Surface Ignition Power Vent Residential Gas Water Heaters 6-Year Limited Tank Warranty • 6-Year Limited Parts Warranty

Side-Mounted Taps Designed For Potable Recirculating Systems

Suitable for potable water heating and space heating.

Matched Components

Apollo power vent water heaters are designed for use with Apollo air handlers. A matched system from a single manufacturer.

Power Vent Design

No chimney required, vents through-outside-wall or roof. Super quiet modular blower for power venting up to 70' with 3" pipe and one elbow, vents up to 110' with 4" piping and one elbow.

Intelli-Vent Gas Control

Equipped with the energy saving hot surface ignitor, and advanced electronics for more precise control of water temperature and easy to understand system diagnostics.

110/120 Volt Electrical System

Rating 3 amps or less, with 7 foot cord, standard 3-prong male connector

Dual Magnesium Anode Rods

For extra protection against corrosion (Models with 3/4" inlet & outlet)

Brass Drain Valve

CSA International Certified E.C.O. (Energy Cut-Off)

Maximum Hydrostatic Working Pressure 150 psi

Temperature-Pressure (T&P) Relief Valve – Installed

Green Choice™ Eco-Friendly Gas Burner

Patented design reduces NO_x emissions by up to 33%, complies with southern California and Texas requirements.

Longer Lasting PEXAN™ Cold Water Tubes

Apollo's cold water inlet tubes (dip tubes) are made from Everlast PEXAN™ a cross-link PEX polymer that can withstand long-term exposure to water temperatures up to 400°F.



Code Compliance

All models meet or exceed federal minimum energy standards effective January 20, 2004, according to the latest editions of the National Appliance Energy Conservation Act (NAECA). They also comply with the latest editions of the B.O.C.A. National Codes, C.E.C., U.B.C., S.B.C.C., C.A.B.O. and the H.U.D. Standards. All models are design-certified by CSA International, according to ANS Z21.10.1 or Z21.10.3 standards governing storage-type water heaters.



The Smart Way To Heat

apollo
HydroHeat & Cooling
A DIVISION OF STATE WATER HEATERS

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SPECIFICATIONS

Model Number	Gal. Cap.	Energy Factor	BTU Input Per Hour Natural	Recovery Efficiency	BTUH Output	Recovery-GPH Degree Rise			DIMENSIONS IN INCHES ¹								Approx. Ship. Wt. (lbs.)
						100°	90°	60°	A	B	C	D	E	F	G	H	
A6 40 XRVT L2	40	.59	50,000	76%	38,000	46	51	77	69	60	20	15	8	54¼	19¾	54¼	180
A6 50 XRVT L2	50	.59	52,500	76%	39,900	48	54	81	68½	59½	22	15	8	53¼	21¾	54¼	200
A6 50 XRVT L5	50	.58	62,500 ³	76%	47,500	58	64	96	67½	58½	20	15	8	53¼	15½	52	200
A6 75 XRVT L	75	.53	75,000 ²	76%	57,000	69	77	115	72	63	26¼	15	11	56	16½	56	300

Recoveries are based on natural gas BTU rate and are rounded to nearest gallon. When ordering propane, change "X" to "C" in model number (Example: A6 40 CRVT L2). All models have standard 2" foam except A6 50 NRVT L5 (this model is not available with 2" foam).

¹See drawing below for additional water heater dimensions.

²Propane rate is 70,000 BTUH - Output is 53,200.

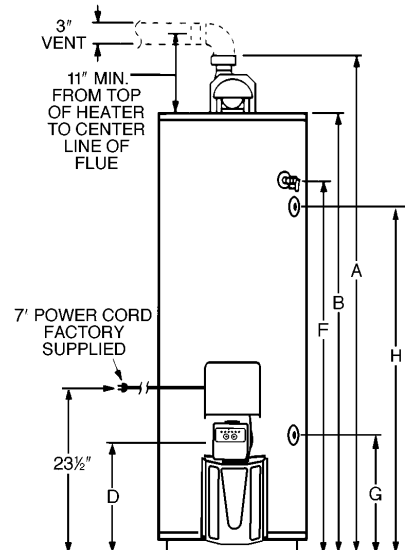
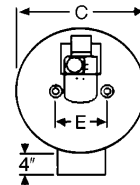
³Propane rate is 55,000 BTUH - Output is 41,800.

Venting System Requirements

The Power Vent is designed to use Schedule 40 ABS, PVC or CPVC pipe installed with 0" clearance from combustible materials. This permits many venting options when the following requirements are observed. Venting requirements include:

- The water heater must have an independent vent system from the water heater to the exterior of the building.
- Venting CANNOT be connected to existing vent piping or chimney.
- Venting MUST terminate horizontally through a side wall or vertically through the roof to the outdoors.
- USE ONLY ABS, PVC, OR CPVC Schedule 40 pipe and fittings.
- Horizontal runs must be secured at 3½' intervals. Vertical runs must be secured at 5' intervals.
- Horizontal runs REQUIRE a ¼" rise per 5 foot.
- Vent piping CANNOT be run downhill.
- Total length of venting CANNOT exceed 70' with 3" pipe and 1 elbow or 110' with 4" pipe and 1 elbow.*

*If more elbows are required, venting length must be reduced 5' for each 90° elbow.



Optional Circulating Loop Fittings Package, Part No. 9002604

Circulating Loop Fittings Package includes assembled di-electric unions and full port shut-off valves. A standard hose-connect drain valve is included for field installation. Specially designed for use on side tap recirculating water heaters. Kit must be ordered through Service Parts Department.

Domestic Plumbing Connections

- 40 and 50 gallon — ¾" Female, NPT
- 75 gallon — 1" Male, NPT

Electrical Requirements

- 120 Volt - Maximum AMP draw is 2 AMPS or less.

In keeping with our policy of continuous product improvement we reserve the right to make changes without prior notice.

For Additional Information: www.apollohydroheat.com

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