

# 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.

### Hydronic Installations

Apollo power vent water heaters are designed for use with hydronic air handlers, radiant floor heating or other applications requiring a recirculating hot water loop.

### Power-Vent Design

No chimney required, vents through outside wall or roof. Quiet modular blower for power venting up to 115' with 3" pipe and one elbow, vents up to 155' with 4" piping and one elbow. The 40- and 50-gallon models now feature patented C3 Technology design, which meets Phase II of the ANSI Z21.10.1 standards for flammable vapor ignition resistance.

### 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 6-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

### UL Listed

### Maximum Hydrostatic Working Pressure 150 PSI

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

### Green Choice™ Eco-Friendly Gas Burner

Patented design reduces NO<sub>x</sub> 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, 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-listed UL Laboratories, 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

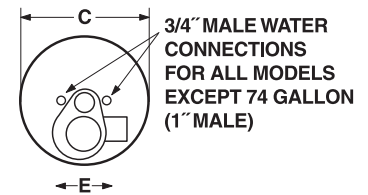
Model Number	Gal. Cap.	Energy Factor	BTU Input Per Hour Natural	Recovery Efficiency	BTUH Output	Recovery-GPH Degree Rise	DIMENSIONS IN INCHES								Approx. Ship. Wt. (lbs.)
							90°	A	B	C	D	E	F	G	
A6 40 YRVIT L2	38	.67	50,000	78%	39,000	51	63	55	20½	13	8	49	14½	49	170
A6 50 YRVIT L2	48	.67	50,000	79%	39,500	54	65	56¾	22	13	8	50¼	14½	50¼	190
A6 50 YRVIT L5	50	.65	62,500*	79%	49,400	64	65	56¾	20	13	8	50¼	14½	54	190
A6 75 YRVIT L	74	N/A	80,000	80%	64,000	77	66	63	25½	15	16	50¼	15½	50¼	250

Recoveries are based on natural gas BTU rate and are rounded to nearest gallon. When ordering propane, change "Y" to "H" in model number (Example: A6 40 HQVIT L2). All models have standard 2" foam except A6 75 YRVIT (this model has 1 ½" foam). \*Propane rate is 55,000 BTUH - Output is 43,500.

### 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.



Model Number	BTU Input	Maximum Vent Distance (Total Equivalent Feet)		
		2" Pipe	3" Pipe	4" Pipe
A6 40 YRVIT L2	50,000	40'	120'	160'
A6 50 YRVIT L2	50,000	40'	120'	160'
A6 50 YRVIT L5	62,500	35'	80'	120'
A6 75 YRVIT L	80,000	N/A	30'	100'

40- and 50-gallon models are supplied with 2", 22½" Termination Elbow, plus 2", 3" and 4" screens. 74-gallon model is supplied with 3", 90° Termination Elbow, plus 3" screen. 2" & 3" elbows are equal to 5' of vent pipe. 4" elbows are equal to 8' of vent pipe. **Important:** Read and follow requirements shown in the product manual for select Power-Vent gas water heaters dealing with type, placement and length of vent pipe and vent termination, as well as clearances required to provide adequate combustion and proper ventilation.

### 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" Male, 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](http://www.apollohydroheat.com)

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