

HYDROSWIRL

Self-Cleaning Direct 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 direct vent water heaters are designed for use with Apollo air handlers. A matched system from a single manufacturer.

Direct-Vent Design

No electrical power required - Dual channel venting system permits horizontal venting up to 4 feet, with optional vent kits.

Piezo Ignitor

For easy pilot ignition

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 patented Self-Cleaning™ HydroSwirl 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

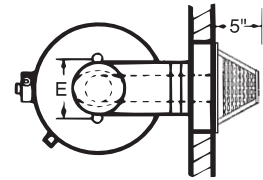
| Model Number | Gal. Cap. | Energy Factor | BTU Input Per Hour Natural/Propane | First Hour Rating | BTUH Output | Recovery—GPH Degree Rise | | DIMENSIONS IN INCHES | | | | | | | | Approx. Ship. Wt. (lbs.) |
|--------------|-----------|---------------|------------------------------------|-------------------|-------------|--------------------------|-----|----------------------|------------------|------------------|------------------|---|------------------|----|------------------|--------------------------|
| | | | | | | 90° | 60° | A | B | C | D | E | F | G | H | |
| A6 40 XADS L | 40 | .59 | 40,000 | 71 | 30,000 | 40 | 61 | 63 $\frac{3}{4}$ | 48 $\frac{3}{4}$ | 21 | 15 | 8 | 42 | 17 | 42 | 195 |
| A6 50 XADS L | 50 | .58 | 48,000* | 87 | 36,480 | 49 | 74 | 76 | 61 | 21 | 15 | 8 | 54 $\frac{1}{2}$ | 17 | 54 $\frac{1}{2}$ | 241 |
| A6 75 XADS L | 75 | .53 | 55,000 | 109 | 41,800 | 53 | 80 | 76 $\frac{1}{2}$ | 61 $\frac{1}{2}$ | 26 $\frac{1}{4}$ | 15 $\frac{1}{2}$ | 8 | 54 $\frac{1}{2}$ | 17 | 54 $\frac{1}{2}$ | 352 |

First hour ratings and recoveries are based on natural gas BTU rate and are rounded to nearest gallon. All models have $\frac{3}{4}$ " inlet and outlet connections.

"A" dimension listed for standard vent kit #9000687 which is shipped with the water heater. When ordering propane, change "X" to "C" in model number (Example: A6 40 CADS L). *Propane gas input 44,000 BTU - output is 33,400.

Optional Circulating Loop Fittings Package, Part No. 9002604

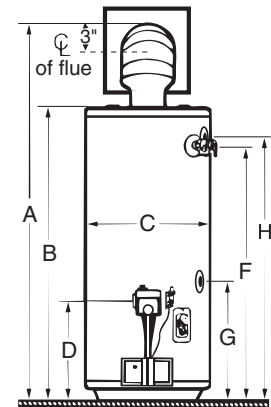
Circulating Loop Fittings Package includes assembled di-electric unions and full port shut-off valves. A standard hose-connect drain valve is included for field installation. Specially designed for use on side tap recirculating water heaters. Kit must be ordered through Service Parts Department.



Vent Kits For Direct-Vent Water Heaters

These kits accommodate variations in the "D", "E" and "F" dimensions shown in the dimensional drawing at right. Direct-vent water heaters are shipped with standard vent kit #9000687. Use the charts below to determine the proper vent kit for specific direct-vent installations.

| NOTE: Kit 9000687 is shipped as standard. All others are optional. | | | Vent Kit Model Number | | | |
|---|---------------------------|--------------------|------------------------------------|--------------------------------------|---------------------------------------|--|
| | | | 9000687 | 9001246 | 9001247 | 9001248 |
| Horizontal Extension (In Inches) Measured from back of heater to inside wall, plus wall thickness. | 40 & 50 Gallon | Minimum Maximum | 3 $\frac{1}{2}$ 10 | 10 15 $\frac{1}{2}$ | 15 $\frac{1}{2}$ 26 $\frac{1}{2}$ | 26 $\frac{1}{2}$ 48 |
| | 75 Gallon | Minimum Maximum | 7 $\frac{1}{8}$ 7 $\frac{3}{8}$ | 7 $\frac{1}{4}$ 12 $\frac{1}{8}$ | 12 $\frac{1}{8}$ 23 $\frac{1}{8}$ | 23 $\frac{1}{8}$ 45 $\frac{3}{8}$ |
| Vertical Extension (In Inches) Measured from floor to top of vent pipe. | 40 Gallon | Minimum Maximum | N/A 63 $\frac{3}{4}$ | 72 77 $\frac{1}{2}$ | 77 $\frac{1}{2}$ 88 $\frac{1}{2}$ | 88 $\frac{1}{2}$ 110 |
| | 50 Gallon | Minimum Maximum | N/A 76 | 84 $\frac{1}{4}$ 89 $\frac{3}{4}$ | 89 $\frac{3}{4}$ 100 $\frac{1}{4}$ | 100 $\frac{1}{4}$ 122 $\frac{1}{4}$ |
| | 75 Gallon | Minimum Maximum | N/A 76 $\frac{1}{2}$ | 86 $\frac{1}{4}$ 91 $\frac{1}{4}$ | 91 $\frac{1}{4}$ 102 $\frac{1}{4}$ | 102 $\frac{1}{4}$ 124 $\frac{1}{4}$ |



IMPORTANT! Vent Termination Requirements For Direct-Vent Water Heaters

- Center line of vent cap must be 18" min. from the ground and 12" from ceiling overhangs.
- 9" min. horizontally from or above any door, window or gravity air inlet.
- 12" min. below any door, window or gravity air inlet.
- 18" min. in all directions from any obstructions that may interfere with ventilation.
- Vent cap shall terminate at least 3 feet above any forced air inlet located within 10 feet.
- 18" min. from other gravity or natural appliance outlet vents when directly above or 135° to either side of center line vent.
- 36" min. from any outlet vents when directly below or 45° to either side of center line.
- 36" min. in all directions from any other forced air appliance outlet.
- Provide clearance for servicing and proper operation of water heater.
- Snow accumulation and drifting should be considered.
- Vent termination must not be within 4 feet of any items such as gas meters, gas valves or other gas regulating equipment.



The optional wire grill vent cap protector (part #9000915) shown must be used when required by local codes, or when the vent cap is installed low enough to be reached by small children.



Optional Vent Termination Cap (Round) must be specified when ordering, add a "P" suffix (Example: A6 40 XADS LP).

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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