



Residential Electric Water Heaters

# Conservationist®

## MAXIMUM ENERGY-EFFICIENCY

### CONSERVATIONIST® FEATURES:

#### HIGHEST ENERGY FACTORS

"Environmentally-Friendly" Non-CFC foam insulation, external heat traps and other features combine to yield a higher .95 Energy Factor that maximizes savings on operating costs.

#### BLUE DIAMOND® GLASS COATING

Blue Diamond glass coating provides superior corrosion resistance compared to industry-standard glass lining.

#### DYNACLEAN™ II AUTOMATIC SEDIMENT-CLEANING SYSTEM

Specially designed dip tube directs incoming cold water to create turbulence in the tank, which reduces lime and sediment buildup. DynaClean II helps prolong tank life, maintains high energy-efficiency and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

#### PHOENIX™ LOW-WATT DENSITY INCOLOY STEEL UPPER AND LOWER HEATING ELEMENTS

Designed to operate more efficiently and lasts longer than standard copper.

#### COREGARD™ ANODE ROD

An A. O. Smith exclusive magnesium anode with stainless steel core protects tank against corrosion longer than ordinary steel anodes.

#### DURABLE, TAMPER-RESISTANT BRASS DRAIN VALVE

#### CSA/ASME CERTIFIED SIDE-MOUNTED T&P RELIEF VALVE

#### CODE COMPLIANCE:

Meets the Federal Energy Efficiency Standards, according to the current edition National Appliance Energy Conservation Act (NAECA) of 1992. Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1 and current edition of ICC does and HUD standards.

#### CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

#### 10-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information consult written warranty or A. O. Smith.



Low Lead Content



# Conservationist<sup>®</sup>

**MAXIMUM ENERGY-EFFICIENCY**

| MODEL NUMBER        | FIRST HOUR RATING GALLONS | ENERGY FACTOR | GAL. CAP. | ELEMENT WATTAGE 240 VAC |         | RECOVERY 90°F RISE GALLON PER HOUR | R VALUE | DIMENSIONS IN INCHES |        |        | APPROX. SHIPPING WEIGHT (LBS) |
|---------------------|---------------------------|---------------|-----------|-------------------------|---------|------------------------------------|---------|----------------------|--------|--------|-------------------------------|
|                     |                           |               |           | STANDARD                | MAXIMUM |                                    |         | A                    | B      | C      |                               |
| <b>TALL MODELS</b>  |                           |               |           |                         |         |                                    |         |                      |        |        |                               |
| PXHT 40             | 56                        | .95           | 40        | 4500                    | 5500    | 21                                 | 24      | 60-1/2               | 20     | 53-1/2 | 118                           |
| PXHT 52             | 60                        | .95           | 50        | 4500                    | 5500    | 21                                 | 24      | 57                   | 22-1/2 | 47-1/2 | 134                           |
| PXHT 66             | 72                        | .95           | 66        | 4500                    | 5500    | 21                                 | 24      | 62                   | 24     | 53     | 143                           |
| PXHT 80             | 81                        | .95           | 80        | 4500                    | 5500    | 21                                 | 24      | 62                   | 26     | 52     | 200                           |
| <b>SHORT MODELS</b> |                           |               |           |                         |         |                                    |         |                      |        |        |                               |
| PXHS 40             | 52                        | .95           | 40        | 4500                    | 5500    | 21                                 | 24      | 47                   | 22-1/2 | 37-3/4 | 109                           |
| PXHS 50             | 62                        | .95           | 50        | 4500                    | 5500    | 21                                 | 24      | 50                   | 24     | 40-1/2 | 161                           |

Recovery capacity based on actual performance tests.

Water connections: 3/4" male NPT on all models.

Top-mounted T&P Valve not available.

