

ProMax[®] + PLUS HIGH EFFICIENCY

PROMAX PLUS HIGH EFFICIENCY FEATURES

ENERGY-EFFICIENT DESIGNS

2"-thick CFC-free foam insulation, external heat traps and other energy-saving features meet minimum .62 Energy Factor which qualifies for ENERGY STAR[®] programs.

A. O. SMITH DYNACLEAN[™] DIFFUSER DIP TUBE

Helps reduce lime and sediment buildup, maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

GREEN CHOICE[®] GAS BURNER

Patented "Eco-Friendly" design reduces NOx emissions by up to 33% and complies with less than 40 ng/j requirements for low NOx.

COREGARD[™] ANODE ROD

An A. O. Smith exclusive. Aluminum anode has stainless steel core, protects tank against corrosion longer than ordinary anodes.

PUSH-BUTTON PIEZO IGNITOR

Makes lighting pilot fast and easy with one-hand push-button spark ignition. Standard on C3 Technology[™] models.

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

A. O. SMITH PERMAGLAS[®] GLASS COATING

Protects steel tank from corrosion.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

Top-mounted T&P Relief Valve as option on all models.

CODE COMPLIANCE: UBC, CEC, SBCC, CABO, HUD, BOCA NATIONAL CODES, ASHRAE/IESNA 90.1 CURRENT EDITION AND 2004 NAECA

DESIGN-CERTIFIED BY CSA INTERNATIONAL

According to ANS Z21.10.1 - CSA 4.1 Standards governing storage-type water heaters.

EQUIPPED WITH C3 TECHNOLOGY

See other side.

6-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information, consult written warranty or A. O. Smith Water Products Company.



SERIES 100/101



Green Choice[®]
The Eco-Friendly Gas-Fired Burner

ProMax® + PLUS SERIES 100/101

HIGH EFFICIENCY

MODEL NUMBER	SERIES	FIRST HOUR RATING GALLONS	ENERGY FACTOR	GAL. CAP.	BTU INPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS PER HOUR	R VALUE	DIMENSIONS IN INCHES						DRAFT HOOD OUTLET	APPROX. SHIPPING WEIGHT (LBS)
								A	B	C	D	E	F		
GVR-30	100/101	66	.63	30	40,000	41	16	62-3/8	58	18	13-3/8	8	51-7/8	3 or 4	126
GVR-40	100/101	71	.62	40	40,000	41	16	59-7/8	55-1/2	20-1/2	13-3/8	8	48-7/8	3 or 4	137
GVR-50	100/101	80	.62	50	40,000	41	16	60-7/8	56-1/2	22	13-3/8	8	50-3/8	3 or 4	172

Recovery capacity based on actual performance tests.

Water Connections – 3/4" on all models.

† Propane Gas – 37,000 BTU input on all models.

For 10-Year Tank and 6-Year Parts Warranty, change "G" to "X" in Model Number (example: XVR-30).

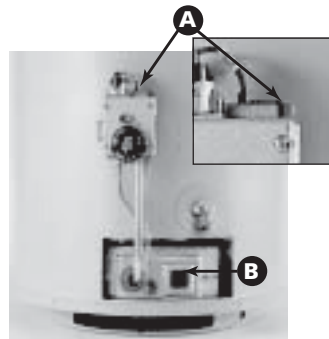


Flammable Vapor Ignition Resistant C3 Technology™ Water Heaters

Corderite Combustion Containment (C3) design meets American National Standards Institute standards (ANS Z21.10.1 - CSA 4.1 Standards) that deal with the accidental or unintended ignition of flammable vapors, such as those emitted by gasoline.

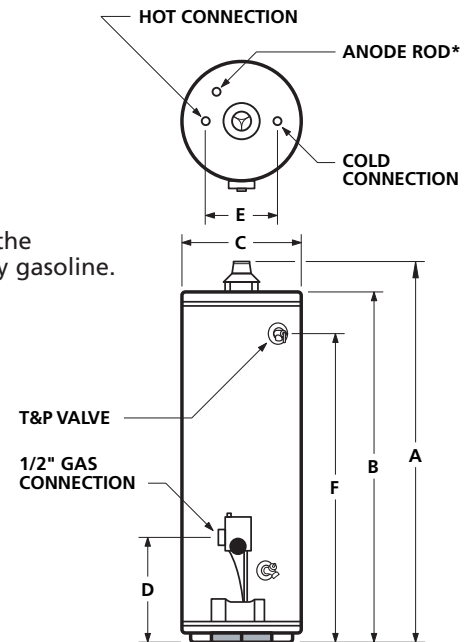
Covered by four U.S. patents, C3 Technology gas water heaters feature a sealed combustion chamber with air intake screen and a fireproof Corderite flame arrester built into the water heater base. In addition, a thermal cutoff (TCO) device, integral with the thermocouple, is designed to shut off gas flow to the burner and pilot if poor combustion is detected.

If flammable vapors accidentally enter the combustion chamber, the Corderite flame arrester is designed so flames burn off the top surface and cannot escape down through the arrester.



A. Easy-to-light piezo ignitor

B. View port for easy burner inspection inside sealed combustion chamber



*Location for optional top-mounted T&P Valve if ordered from factory.