

ProMax® sl

STANDARD VENT

PROMAX® SL STANDARD VENT FEATURES

■ SIDE-MOUNTED RECIRCULATING TAPS

For installation with combination space heating/potable water heating applications (such as ProMax XL, Heat Exchanger) or any system requiring a recirculating hot water loop.

■ 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 the low NOx requirements of less than 40 ng/j.

■ COREGARD™ ANODE RODS

A. O. Smith's exclusive aluminum anodes have a stainless steel core, protect tank against corrosion longer.

■ PUSH-BUTTON PIEZO IGNITOR

Makes lighting pilot fast and easy with one-hand push-button spark ignition. Standard on all FVIR Compliant models.

■ HEAT TRAP NIPPLES

Standard on all models except 74-gallon models.

■ DURABLE, TAMPER-RESISTANT BRASS DRAIN VALVE

THICK "ENVIRONMENTALLY-FRIENDLY" NON-CFC FOAM INSULATION Improves efficiency.

■ BLUE DIAMOND® GLASS COATING

Provides superior corrosion resistance compared to industry-standard glass lining.

■ CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

Top-mounted T&P relief valve available as option on 40, 50 and 65-gallon models.

FVIR COMPLIANT DESIGN

See other side.

■ CODE COMPLIANCE

Meets UBC, CEC, SBCC, HUD and BOCA National Codes. Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/ IESNA 90.1 and meets the Federal Energy Efficency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992.

DESIGN-CERTIFIED BY CSA INTERNATIONAL

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

■ 6-YEAR LIMITED TANK AND PARTS WARRANTY

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

SERIES 100/101











ProMax sl

STANDARD VENT

MODEL NUMBER	SERIES	FIRST HOUR RATING GALLONS	ENERGY FACTOR	GALLON CAPACITY	BTU INPUT PER HOUR NATURAL†	BTU OUTPUT PER HOUR NATURAL	RECOVERY 90°F RISE GALLONS PER HOUR	R VALUE	DIMENSIONS IN INCHES									APPOXIMATE
									A	В	С	D	Е	F	G	Н	DRAFT HOOD OUTLET	SHIPPING WEIGHT (LBS.)
GCVH-40L	300	70	.59	40	40,000	30,400	41	8	61-3/4	58-1/4	18	13	8	51-3/4	14-1/4	51-3/4	3 or 4	138
GCVT-40L	300	75	.60	40	50,000	35,000	51	16	61-3/4	58-1/4	20	13-1/4	16	51-3/4	14-1/4	51-3/4	4	140
GCVT-50L	300	90	.58	50	50,000	38,000	51	8	60-3/4	57	20	13	8	50-1/4	14-1/2	50-1/4	4	163
GCVX-50L	100	93	.58	50	65,000	50,100	67	16	63-7/8	59-1/2	22	15-1/2	8	54	14-1/2	54	4	195
GCV-65L	100	116	.57	65	65,000	50,050	67	16	65	60	24	15-1/2	8	54-1/4	14-1/4	54-1/4	4	215
FCG-75L*	300	N/A	N/A	74	75,100	60,000	81	16	61	57	26 1/2	14-3/4	16	50-1/4	15-1/2	50-1/4	4	275

Recovery capacity based on actual performance tests.

Water Connections - 1" on 74-gallon model, 3/4" on all other models.

† Propane Gas - GCVH-40L: 36,000 BTU; GCVT-40L: 45,000 BTU; GCVT-50L: 45,000 BTU; GCVX-50L: 55,000 BTU; GCV-65L: 62,500 BTU; FCG-75L: 75,100 BTU

Flammable Vapor Ignition Resistant (FVIR) Compliant Design

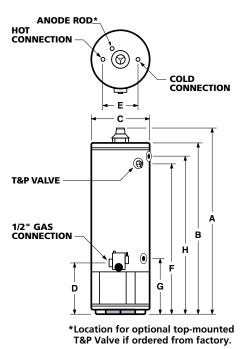
Meets American National Standards Institute standards (ANSI Z21.10.1- CSA 4.1) that deal with the accidental or unintended ignition of flammable vapors, such as those emitted by gasoline.

Covered by four U.S. patents, FVIR Compliant gas water heaters feature a sealed combustion chamber with air intake screen and a fireproof Corderite flame arrestor 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.





A. Easy-to-light **B.** View port for easy piezo ignitor burner inspection



Maximum hydrostatic working pressure: 150 psi

For Technical Information and Automated Fax Service, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.

^{*} Not FVIR Compliant.