

ProMax® DIRECT VENT

DESIGNED FOR PERFORMANCE

- Thermopile design provides robust pilot to withstand down drafts and environmental conditions
- LED indicator:
 - gives visual confirmation that pilot is on by flashing continuously
 - provides diagnostics and troubleshooting
- Easy temperature adjustments
- Direct vent design means no external power supply or chimney required for operation/installation
- 90" coaxial vent supplied with water heater
- CoreGard™ magnesium anode with a stainless steel core protects the tank against corrosion
- PermaGlas® glass coating protects steel tank from corrosion and maximizes tank life
- Factory-installed plastic-lined nipples with heat traps
- Automatic gas control
- CFC-free foam insulation
- 3/4" side taps standard on 50 gallon high input model for combination applications
- Suitable for closet installations

SAFETY FEATURES

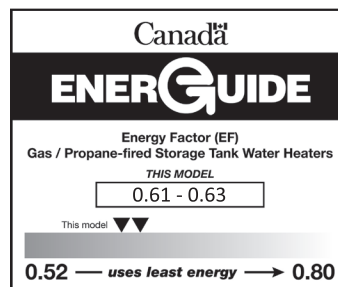
- Sealed combustion chamber design, eliminating the need for a Flammable Vapor sensor

SERVICABILITY

- Combustion chamber is easy to access
- Conveniently located T&P and drain valve for ease of installation and serviceability

WARRANTY

- 8 year limited tank warranty
- 6 year limited parts warranty
- For complete information, consult the written warranty or A. O. Smith

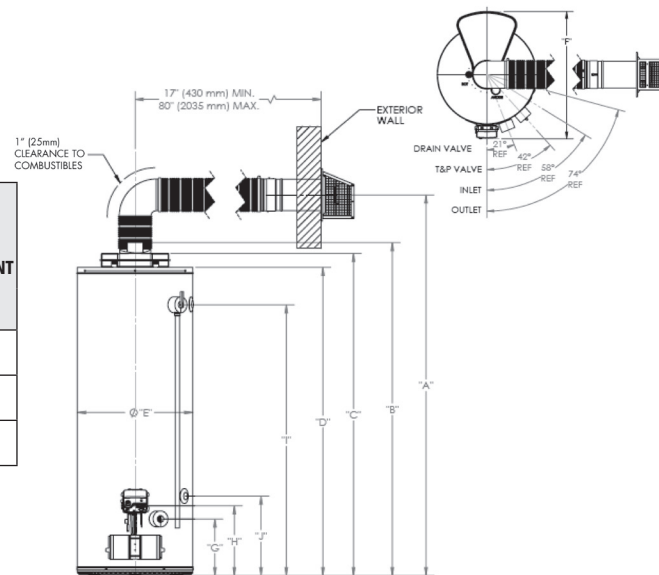


ProMax® DIRECT VENT

PERFORMANCE

MODEL	SERIES	CAPACITY	INPUT	MAXIMUM CERTIFIED ALTITUDE	RECOVERY RATE AT 90° F TEMPERATURE RISE	FIRST HOUR RATING	ENERGY FACTOR	BC COMPLIANT
		USG (L)	BTU/h	FT (M)	GPH(LPH)	GPH(LPH)		
GDV 40L	300/301	40 (151)	38,000	7,700 (2,347)	41 (154)	72 (273)	0.63	✓
GDV 50L	300/301	50 (189)	40,000	7,700 (2,347)	43 (162)	91 (344)	0.62	✓
GDVT 50L*	300/301	50 (189)	47,000	7,700 (2,347)	50 (189)	92 (348)	0.61	✓

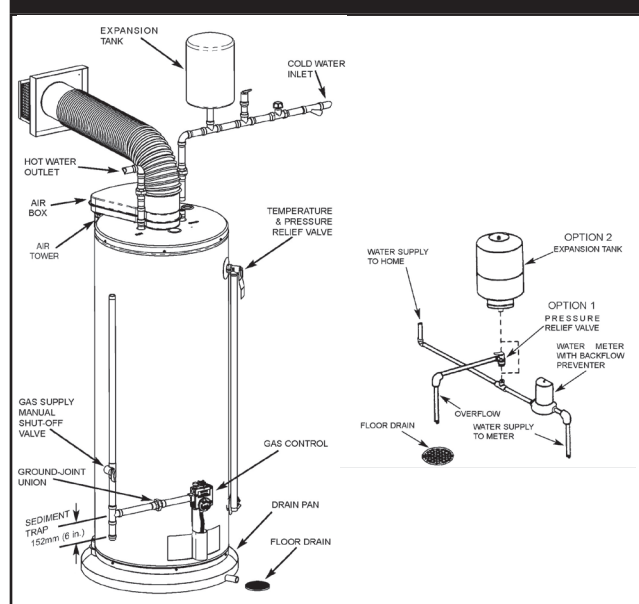
For propane models sub N with P. Natural gas models are series 300. Propane models are series 301.
*Model has side connections.



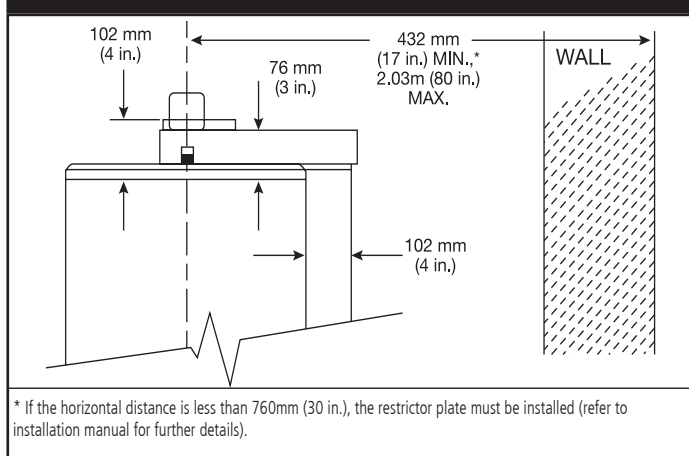
DIMENSIONS & SHIPPING WEIGHT

MODEL	HEIGHT TO CENTER OF VENT	HEIGHT TO TOP OF FLUE OUTLET	HEIGHT TO TOP OF AIR BOX	HEIGHT TO TOP OF HEATER	DIAMETER	OVERALL DEPTH	HEIGHT TO DRAIN	HEIGHT TO GAS INLET	HEIGHT TO T&P	HEIGHT TO SIDE TAP (HOT OUT)	HEIGHT TO SIDE TAP (COLD IN)	SHIPPING WEIGHT
	A IN (CM)	B IN (CM)	C IN (CM)	D IN (CM)	E IN (CM)	F IN (CM)	G IN (CM)	H IN (CM)	I IN (CM)	I IN (CM)	J IN (CM)	LB (KG)
GDV 40L	64 (163)	54 3/8 (138)	52 1/2 (134)	49 3/8 (126)	22 (56)	29 (74)	10 3/4 (28)	13 1/4 (34)	42 3/8 (108)	N/A	N/A	178 (81)
GDV 50L	73 (186)	63 3/8 (162)	61 3/4 (157)	58 3/8 (150)	22 (56)	29 (74)	10 3/4 (28)	13 1/4 (34)	51 3/8 (131)	N/A	N/A	200 (91)
GDVT 50L*	74 (188)	64 3/8 (164)	62 7/8 (160)	60 (153)	22 (56)	29 (74)	10 3/4 (28)	13 1/4 (34)	52 3/4 (134)	52 3/4 (134)	15 1/4 (39)	215 (98)

PREFERRED INSTALLATION



VENT LENGTHS



Refer to the installation manual for complete installation and venting requirements.