

ProMax® POWER DIRECT VENT

ENERGY SAVINGS

- ENERGY STAR® qualified (except 75 gallon model)
- Exceeds NRCAN energy efficiency standards
- Factory installed heat trap nipples

DESIGNED FOR PERFORMANCE

- Compact design – ideal as a replacement water heater and for closet installations
- Ultra-quiet blower
- Convenient 3/4" side water connections for combination applications on high input 62,000 and 76,000 BTU units (plugs are factory-installed)
- Suitable for altitudes up to 10,100 ft. (3,077 m)
- Factory installed T&P valve and drip tube
- PermaGlas® glass coating protects steel tank from corrosion and maximizes tank life

SAFETY FEATURES

- Sealed combustion chamber design, eliminating the need for a FV sensor
- Zero clearance to combustibles

SERVICEABILITY

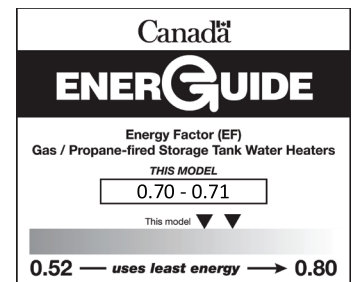
- State-of-the-art gas control features advanced self diagnostic capability that makes troubleshooting easy
- Conveniently located T&P and drain valve for ease of serviceability
- Auto-reset temperature switch monitors vent temperature

THE ULTIMATE IN VENTING FLEXIBILITY

- Can be vented with 2", 3" or 4" ULC S636 PVC, CPVC or polypropylene pipe up to 180 equivalent feet (see installation manual for full details); 62,000 and 76,000 BTU high input models can be vented up to 50 equivalent feet with 3" pipe and up to 125 equivalent feet with 4" pipe (see installation manual for full details)
- Can be installed using a concentric vent kit (see reverse or installation manual for details)

WARRANTY

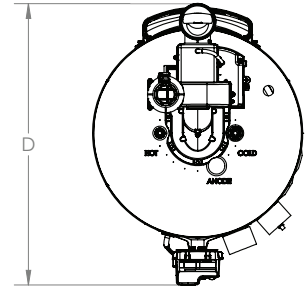
- 8 year limited tank warranty
- 6 year limited parts warranty
- For complete information, consult the written warranty or A. O. Smith



ProMax® POWER 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)		
NATURAL GAS								
GPDL 40	200/201	40 (151)	40,000	10,100 (3,077)	45 (170)	71 (269)	0.71	√
GPDT 50	200/201	50 (189)	45,000	10,100 (3,077)	50 (189)	93 (352)	0.70	√
GPDX 50L*	200/201	50 (189)	62,000	10,100 (3,077)	73 (276)	115 (435)	0.71	√
GPDX 75L	210/211	75 (284)	76,000	10,100 (3,077)	82 (310)	N/A	N/A	√



For propane models sub N for P. Natural gas models are series 200/210. Propane models are series 201/211.

* 58,000 BTU/h for propane model

Side connections standard on 62,000 and 76,000 BTU high input models

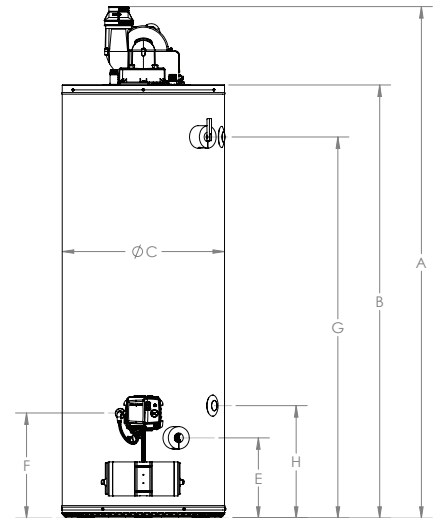
DIMENSIONS & SHIPPING WEIGHT

MODEL	INSTALLATION HEIGHT	HEIGHT TO TOP OF TANK	TANK DIAMETER	OVERALL DEPTH	HEIGHT TO DRAIN VALVE	HEIGHT TO GAS INLET	HEIGHT TO T&P	HEIGHT TO UPPER SIDE CONNECTION	HEIGHT TO LOWER SIDE CONNECTION	VENT DIAMETER	SHIPPING WEIGHT
	A IN (CM)	B IN (CM)	C IN (CM)	D IN (CM)	E IN (CM)	F IN (CM)	G IN (CM)	G IN (CM)	H IN (CM)	IN	LB (KG)
NATURAL GAS											
GPDL 40	58 ¼ (148)	49 ½ (126)	22 (56)	29 7/8 (76)	11 (28)	13 ¼ (34)	42 3/8 (108)	N/A	N/A	2, 3 or 4	174 (79)
GPDT 50	67 ½ (171)	58 7/8 (150)	22 (56)	29 7/8 (76)	11 (28)	13 ¼ (34)	51 ¼ (131)	N/A	N/A	2, 3 or 4	192 (87)
GPDX 50L	68 7/8 (175)	60 ¼ (153)	22 (56)	29 7/8 (76)	11 (28)	13 ¼ (34)	52 ¾ (134)	52 ¾ (134)	15 ¼ (39)	3 or 4	200 (91)
GPDX 75L	70 5/8 (179)	60 ½ (154)	26 (66)	33 7/8 (86)	11 (28)	13 ¼ (34)	53 (134)	53 (134)	15 ¼ (39)	3 or 4	277 (126)

VENT PIPE LENGTHS

MODEL	VENT PIPE DIAMETER IN	MINIMUM NUMBER OF ELBOWS REQUIRED**	MINIMUM VENT LENGTH WITH ONE ELBOW FT (M)		MAXIMUM EQUIVALENT VENT LENGTH FT (M)	
			CONCENTRIC	2 PIPE	CONCENTRIC	2 PIPE
			GPDL 40	2	1	7 (2)
GPDL 40	3	1	7 (2)	7 (2)	125 (38)	125 (38)
	4	1	N/A	125 (38)	N/A	180 (55)
	GPDT 50	2	1	7 (2)	7 (2)	50 (15)
GPDT 50	3	1	7 (2)	7 (2)	125 (38)	125 (38)
	4	1	N/A	125 (38)	N/A	180 (55)
	GPDX 50L	3	1	7 (2)	7 (2)	30 (9)
GPDX 50L	4	1	N/A	50 (15)	N/A	125 (38)
	GPDX 75L	3	1	7 (2)	7 (2)	30 (9)
GPDX 75L	4	1	N/A	50 (15)	N/A	125 (38)

**Refer to installation manual for further details.



OPTIONAL KITS

DESCRIPTION	PART NUMBER		
2" Vent Kit - Coupling, sound suppressor	330828-000	2" Concentric Vent Kit	9008586005
3" Vent Kit - Coupling, sound suppressor	330851-000	3" Concentric Vent Kit	9006328005
		High Ambient Kit	9009024015

For Technical Information call 888-599-2837. A. O. Smith Enterprises Ltd. reserves the right to make product changes or improvements without prior notice.