

Commercial-Grade

Residential Water Heaters

ProLine® XE Power Direct Vent

Features

Energy Savings

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

Designed for Performance

- ProLine® XE models are residential water heaters with commercial-grade quality
- Compact design ideal as a replacement water heater and for closet installations
- Exclusive TankSaver® design to prolong tank life
- Ultra-quiet blower
- Convenient 3/4" side water connections for combination applications on high input 50 USG and 75 USG units (plugs are factory installed)
- Factory installed T&P valve and drip tube
- Glass lining provides superior protection against tank corrosion

Safety Features

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

Serviceability

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

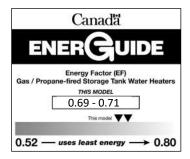
The Ultimate in Venting Flexibility

- 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)
- Can be installed using a concentric vent kit (see reverse or installation manual for details)









WARRANTY

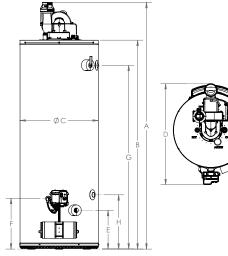
6 year limited tank and parts 2 or 4 year tank warranty extension kits are available



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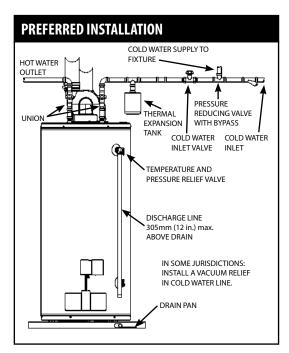
PERFORMANCE									
Model	Series	Capacity	Input	Recovery Rate at 90°F Temperature Rise	First Hour Rating	Energy Factor	UEF	Warranty Tank/Parts	
		USG (L)	BTU/h	GPH (LPH)	GPH (LPH)			Years	
NATURAL GAS									
PDV40N	300/301	40 (151)	40,000	45 (170)	71 (269)	0.71	0.68	6/6	
PDV50N	300/301	50 (189)	45,000	50 (189)	93 (352)	0.70	0.72	6/6	
PDV50HIN*	300/301	50 (189)	62,000	73 (276)	100 (379)	0.71	0.73	6/6	
PDV75N*	300/301	75 (284)	72,000	82 (310)	154 (583)	0.69	0.68	6/6	



For propane models sub N for P . Natural gas models are series 300. Propane models are series 301. All models rated for installation at altitudes up to 10,100 ft (3,078 m).

^{*}Side connections.

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											
PDV40N	58 ¼ (148)	49 ½ (126)	22 (56)	29 % (76)	11 (28)	13 ¼ (34)	42 % (108)	N/A	N/A	2, 3 or 4	174 (79)
PDV50N	67 ½ (171)	58 % (150)	22 (56)	29 % (76)	11 (28)	13 ¼ (34)	51 ¾ (131)	N/A	N/A	2, 3 or 4	192 (87)
PDV50HIN	68 % (175)	60 ¼ (153)	22 (56)	29 % (76)	11 (28)	13 ¼ (34)	52 ¾ (134)	52 ¾ (134)	15 ¼ (39)	3 or 4	200 (91)
PDV75N	70 % (179)	60 ½ (154)	26 (66)	33 % (86)	11 (28)	13 ¼ (34)	53 (135)	53 (135)	15 ¼ (39)	3 or 4	277 (126)



For Technical Information/Warranty: Call 1-888-479-8324 or email techsupport@johnwoodwaterheaters.com www.johnwoodwaterheaters.com

VENT PIPE LENGTHS								
Model	Vent Pipe Diameter	Minimum Number of Elbows	One E	t Length with Ibow (M)	Maximum Equivalent Vent Length FT (M)			
	IN	Required*	Concentric	2 Pipe	Concentric	2 Pipe		
	2	1	7 (2)	7 (2)	50 (15)	50 (15)		
PDV40N	3	1	7 (2)	7 (2)	100 (30)	125 (38)		
	4	1	N/A	50 (15)	N/A	180 (55)		
	2	1	7 (2)	7 (2)	50 (15)	50 (15)		
PDV50N	3	1	7 (2)	7 (2)	100 (30)	125 (38)		
	4	1	N/A	50 (15)	N/A	180 (55)		
DDV/50LUN	3	1	7 (2)	7 (2)	45 (14)	50 (15)		
PDV50HIN	4	1	. , , , , ,	50 (15)	N/A	125 (38)		
PDV75N	3	1	7 (2)	7 (2)	30 (9)	50 (15)		
	4	1	N/A	50 (15)	N/A	125 (38)		

^{*} Refer to installation manual for further details.

OPTIONAL KITS					
Description	Part Number				
2" concentric vent kit	100112869				
3" concentric vent kit	100111100				
High ambient kit	100308923				