

Dimensions



Dimensions

NPM-U series

NPM-E series

Warranty

Application		Labor	Parts	Heat Exchanger
Residential	Standard	1 year	5 years	10 years
	Uncontrolled Recirculation ¹	1 year	3 years	5 years
Commercial or Central ²	Standard	1 year	5 years	5 years
	Uncontrolled Recirculation ¹	1 year	3 years	5 years

Ratings & specifications

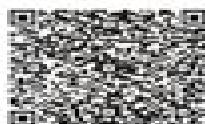
Item	NPM-Universal Model				NPM-Exterior Model		
	NPM-100UL	NPM-150UL	NPM-200UL	NPM-300UL	NPM-100E	NPM-150E	NPM-200E
Heat capacity (input) natural gas/propane/gas	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)	10,700– 160,000 (BTU/h)
Efficiency Rating for NOx & LP	94% NHP	94% NHP	94% NHP	94% NHP	94% NHP	94% NHP	94% NHP
Flow rate (GPM)	35°F (12°C) Temp. rise: 60°F (22°C) Temp. rise: 60°F (22°C) Temp. rise:	7.6 GPM (20.0 L/min) 7.4 GPM (20.0 L/min) 7.4 GPM (20.0 L/min)	9.5 GPM (23.0 L/min) 9.4 GPM (23.0 L/min) 9.4 GPM (23.0 L/min)	12.5 GPM (32.0 L/min) 12.4 GPM (32.0 L/min) 12.4 GPM (32.0 L/min)			
Dimensions	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D	14.07" W x 23.07" H x 9.37" D
Weight	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)	55.0 lbs. (25.0 kg)
Installation type	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)	Indoor or outdoor wall-mount (select kit option for outdoor)
Valving type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Ignition type	Electronic ignition	Electronic ignition	Electronic ignition	Electronic ignition	Electronic ignition	Electronic ignition	Electronic ignition
Water pressure	15–100 PSI	15–100 PSI	15–100 PSI	15–100 PSI	15–100 PSI	15–100 PSI	15–100 PSI
Propane gas supply pressure (from source)	87 WFC – 107 WFC	87 WFC – 107 WFC	87 WFC – 107 WFC	87 WFC – 107 WFC	87 WFC – 107 WFC	87 WFC – 107 WFC	87 WFC – 107 WFC
Natural gas manifold pressure (from source)	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC	2.007 WFC, 2.207 WFC, 0.507 WFC
Propane gas manifold pressure (from source)	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC	0.507 WFC, 0.507 WFC, 1.007 WFC
Minimum flow rate	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)	0.5 GPM (18.9 L/min)
Connections	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet	1/2" water inlet 1/2" water outlet 1/2" inlet 1/2" outlet
Size	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Power supply							
	Max supply Normal	100VAC, 60 Hz	100VAC, 60 Hz	100VAC, 60 Hz	100VAC, 60 Hz	100VAC, 60 Hz	100VAC, 60 Hz
	Standby	4.5W	4.5W	4.5W	4.5W	4.5W	4.5W
	Auto-boost	114.2W	114.2W	114.2W	114.2W	114.2W	114.2W
	External pump	< 150 W, 1.5 A	< 150 W, 1.5 A	< 150 W, 1.5 A	< 150 W, 1.5 A	< 150 W, 1.5 A	< 150 W, 1.5 A
	Flame	100A	100A	100A	100A	100A	100A
Materials	Casing	Cold rolled carbon steel	Casing	Cold rolled carbon steel	Casing	Cold rolled carbon steel	Casing
	Heat exchanger	Stainless steel	Heat exchanger	Stainless steel	Heat exchanger	Stainless steel	Heat exchanger
Safety devices	Flame rod, APRS, overheat protection, ignition-operation detector, water temperature high limit switch, power surge fuse						

Navien reserves the right to change specifications at any time without prior notice.
Please refer to www.navieninc.com to verify you have the most current information.

¹Combli refers to a combination potable water and space heating application. Water heaters cannot be used in space heating only applications.

²Uncontrolled Recirculation: External pump configured to circulate continuously through the water heater are subject to the uncontrolled recirculation warranty terms. An aquastat is the minimum pump control requirement for DRAV or storage tank recirculation in order to maintain the full controlled recirculation warranty.

For complete details please refer to the full warranty at www.navieninc.com.



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W. Winter

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