

NPE Series

KD NAVIEN®

NPE-A and NPE-S Condensing Tankless Water Heaters

Navien makes
it easy to
go tankless in
residential and
commercial
applications.



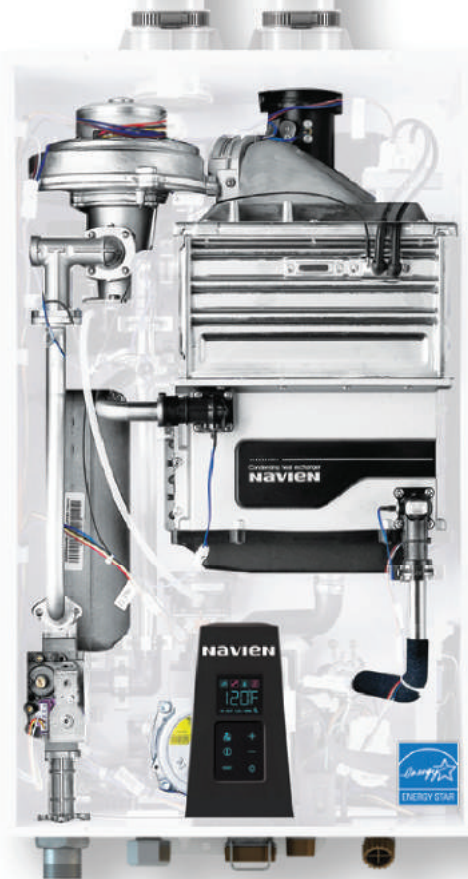
New NaviLink Wi-Fi remote
control system...Now available
as an add-on accessory.



T H E L E A D E R I N C O N D E N S I N G T E C H N O L O G Y

NPE-Advanced

Our advanced high efficiency condensing tankless water heater technology with the only internal pump and buffer tank



2" PVC VENTING
UP TO **60 FT**

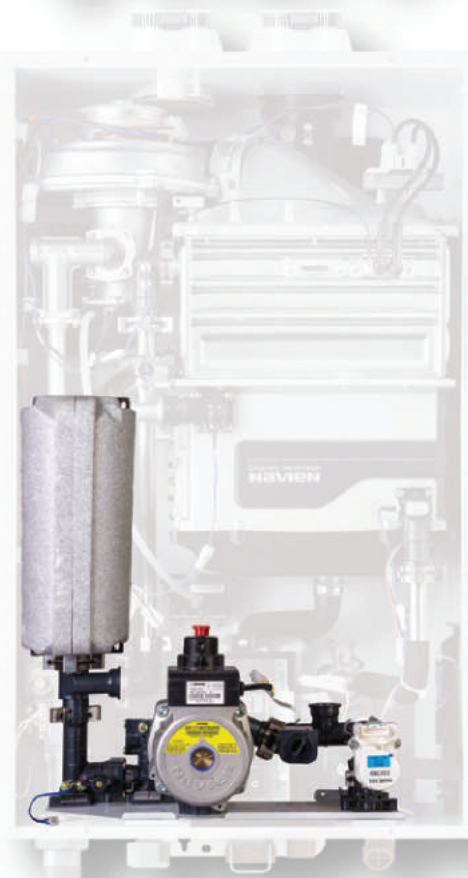
1/2" GAS CAPABILITY
UP TO **24 FT**

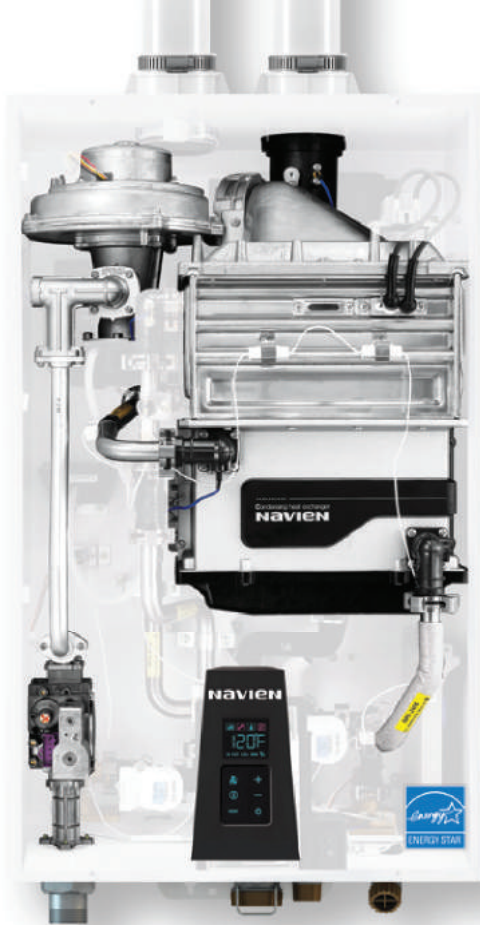
CASCADE UP TO **16**
UNITS

ComfortFlow[®]

Exclusive built-in recirculation system included on all NPE-A models

Navien ComfortFlow[®] was the first system to incorporate a built-in insulated buffer tank and recirculation pump. The buffer tank eliminates the "cold water sandwich" effect and issues of minimum flow rates commonly found in other tankless water heaters. The recirculation pump saves on water bills by reducing the time to get hot water. When activated, the optional ComfortFlow mode results in additional energy usage.





DUAL STAINLESS
STEEL
HEAT EXCHANGERS

NG^{OR} LP FIELD GAS
CONVERTIBLE

**RESIDENTIAL &
COMMERCIAL**

NPE-Standard

Our standard ultra condensing tankless technology with the industry's top rated unit for energy efficiency



NPE-A and NPE-S series facts

Temperature rise

Temp rise (°F)	NEW 150S GPM	180 series GPM	210 series GPM	240 series GPM
35	6.8	8.4	10.1	11.2
40	5.9	7.4	8.8	9.8
45	5.3	6.5	7.8	8.7
50	4.8	5.9	7.1	7.8
55	4.3	5.3	6.4	7.1
60	4.0	4.9	5.9	6.5
65	3.7	4.5	5.4	6.0
70	3.4	4.2	5.0	5.6
75	3.2	3.9	4.7	5.2
80	3.0	3.7	4.4	4.9
85	2.8	3.5	4.2	4.6
90	2.6	3.3	3.9	4.4
100	2.4	2.9	3.5	3.9
110	2.2	2.7	3.2	3.6
120	2.0	2.5	2.9	3.3
130	1.8	2.3	2.7	3.0
140	1.7	2.1	2.5	2.8

DHW capacity

Models	Natural gas (BTU/H)	Propane gas (BTU/H)
NEW NPE-150S	18,000–120,000	18,000–120,000
NPE-180 A/S series	15,000–150,000	15,000–150,000
NPE-210 A/S series	19,900–180,000	19,900–180,000
NPE-240 A/S series	19,900–199,900	19,900–199,900

Operating cost

Navien tankless	175 therms	\$191*
Other tankless	209 therms	\$228*
Standard tank	269 therms	\$293*

*Based on Energy Guide cost estimates using \$1.09 per therm of natural gas. Cost is in US dollars.

U.S. Green Building Council LEED Points

Water heater	Location	Recirculation
1 Point	2 Points	3 Points

Warranty

Application		Labor	Parts	Heat exchanger
Residential	Standard or controlled recirculation	1 year	5 years	15 years
	Uncontrolled recirculation	1 year	3 years	5 years
Commercial or Combi*	Standard or controlled recirculation for units produced on or after Jan. 1, 2016	1 year	5 years	8 years
	Standard or controlled recirculation for units produced before Jan. 1, 2016	1 year	3 years	10 years
	Uncontrolled recirculation [†]	1 year	3 years	3 years

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

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

Lower HERS home index score

KD NAVIEN®

T H E L E A D E R I N C O N D E N S I N G T E C H N O L O G Y

NPE-Standard

When it comes to water heater performance... it's all about the output

Navien NPE-S condensing tankless water heaters outperform comparably priced non-condensing units

		Non-Condensing Tankless	Navien NPE-210S Condensing Tankless
UNIT SPECS	Input	199,000 BTU/H	180,000 BTU/H
	Uniform Energy Factor (UEF)	~0.81	0.97
	Output	~163,000	~178,000
	Max GPM	9.8	10.1
INSTALLATION COST	List Price	\$\$	\$
	Installation Time	~4-8 Hours	4 Hours
	Venting	Other type (not PVC)	2" PVC
	Gas Pipe	Typically 3/4" pipe	Can use existing 1/2" pipe*
	Overall	Your Choice?	

*subject to local code

The NPE-S condensing tankless water heaters are so efficient that they outperform much larger capacity non-condensing competitors. More output for the money, lower installation costs and lower operating costs for customers makes it a smart choice.



Cascade up to 16 units

With Navien cascading technology, when a unit gets up to 75% capacity the next unit will turn on to help meet requirements. This flow and demand ratio will continue until all 16 units are generating hot water as needed. The Navien cascading system also balances out the workload of each unit for longer life.

Common vent up to 8 units

Building penetrations are reduced with Navien's common venting feature.

