



NPE Series Condensing Tankless Water Heaters



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

THE LEADER IN CONDENSING TECHNOLOGY

NPE-Advanced



High-efficiency
condensing
tankless
water heaters
with built-in
recirculation
system



- Endless hot water with our dual stainless steel heat exchangers
- Up to 80% smaller than tank water heaters
- Simpler retrofit with 2" PVC venting
- Simpler retrofit with 1/2" gas lines (subject to local code)
- One of the industry's strongest warranties
- Cascading up to 16 units and common venting up to 8 units
- NaviLink™ compatible

ComfortFlow[®]

NPE-A internal recirculation system*

Navien ComfortFlow is the first system that incorporates a built-in insulated buffer tank and recirculation pump. The buffer tank eliminates the “cold water sandwich” effect commonly found in other tankless water heaters. The recirculation pump saves on your water bills by reducing time to get hot water.



*When activated, the ComfortFlow mode results in higher energy usage.

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HotButton™

Optional on-demand NPE-A recirculation accessory

 At the push of a button, the Navien HotButton hot water system activates the internal recirculation pump and gas fired burner to heat up the water in the supply lines. This gives your customers hot water when they need it, saving water and money. California Title 24 compliant.

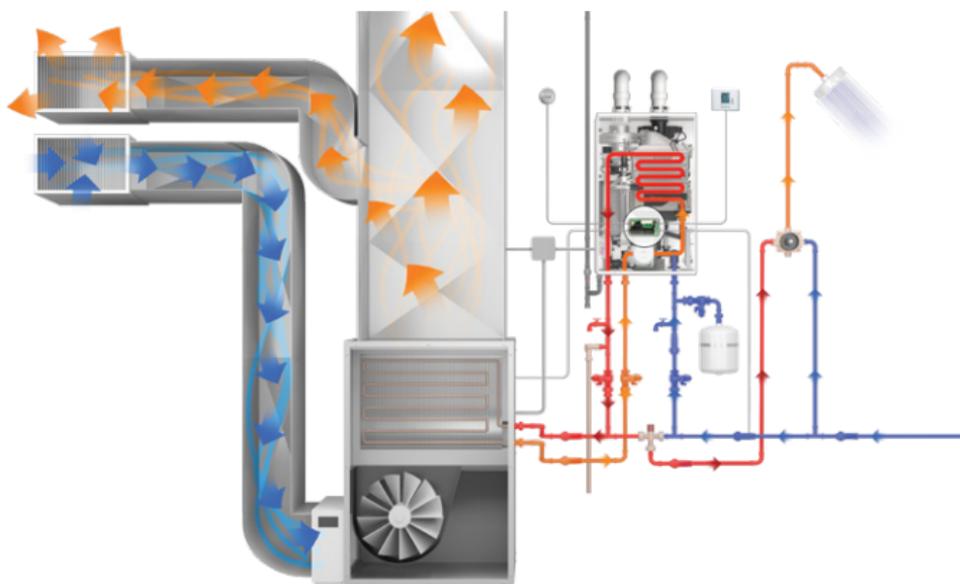


H₂Air™

For combination space heating and domestic hot water

An innovative use for the NPE-A's integrated circulator, designed for both retrofit and new construction residential applications. Navien's H₂Air™ Kit* consists of an add-on controller that allows for space heating and DHW system integration between NPE-A Series tankless water heater models and a hydronic air handler.

*Compatible with NPE-A series units produced on or after May 31, 2014.



NPE-Standard



Ultra
condensing
tankless
technology with
the industry's
top energy
efficiency rating



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

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.

Navien NPE-S outperformed

NON-CONDENSING

NAVIENT NPE-210S

UNIT SPECS	Input
	Uniform Energy Factor
	Output
	Max GPM
INSTALLATION COST	List Price
	Installation Time
	Venting
	Gas Pipe
	Overall

THE LEADER IN CONDENSING TECHNOLOGY

- High-efficiency, up to 0.99 EF/0.97 UEF
- Endless hot water with our dual stainless steel heat exchangers
- Up to 80% smaller than tank water heaters
- Simpler retrofit with 2" PVC venting
- Simpler retrofit with 1/2" gas lines (subject to local code)
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- Cascading up to 16 units and common venting up to 8 units
- NaviLink compatible

condensing tankless water heaters non-condensing comparably priced units



	Non-Condensing Tankless	Navien NPE-210S Condensing Tankless
	199,000 BTU/H	180,000 BTU/H
(UEF)	~0.81	0.97
	~163,000	~178,000
	9.8	10.1
	\$\$	\$
	~4-8 Hours	4 Hours
	Other type (not PVC)	2" PVC
	Typically 3/4" pipe	Can use existing 1/2" pipe*
Your Choice?		

*Subject to local code.

Ready-Link[®]

Commercial DHW wall
or rack modular manifold
mounting systems

30 possible configurations

Simply build
your manifold
installation from
our easy to
install modular
kits. Designed
to simply save
contractors time.

- Simply no waiting for factory racks
- Simply easy to install...same day
- Simply more profitable
- Simply visit your local Navien wholesaler and pick up everything you need



As simple as 1-2-3-4

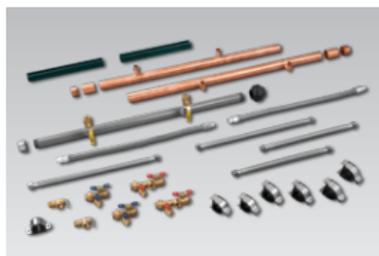
1 Pick your Navien Unit,
NPE-A or NPE-S



2 Pick your location,
wall or rack



3 Pick your matching
manifold kit(s)



4 Pick your venting
configuration



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Wall

Side-by-side
in 2, 3 or 4
unit modules



Rack

Side-by-side
in 2, 3 or 4
unit modules



Rack

Back-to-back
in 2 or 4
unit modules



Innovation makes Navien the professional's choice for residential and commercial applications

- Building owners and managers appreciate the efficiency, reliability and durability of Navien condensing tankless water heaters over outdated tank systems
- Architects and designers appreciate the space saving design and the flexibility in configurations



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- Commercial and residential builders add customer pleasing technology that sets them apart from older, more traditional water heating systems
- Contractors can save hours of installation by using economical PVC venting and Navien's Ready-Link commercial domestic hot water manifold system for wall or free standing rack mounted units
- Having one of the industry's strongest commercial warranties and customer support gives everyone more peace of mind

NPE Series

Cascade up to 16 units and common vent up to 8 units

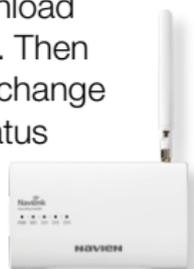
With Navien cascading technology, when a unit gets up to 75% capacity the next unit will turn on to help meet requirements and continue until all 16 units are activated. Navien cascading system also balances the workflow of each unit for long life. Wall penetrations are reduced with Navien's common venting feature.



Optional Wi-Fi remote control system



NaviaLink makes it easy to communicate with your Navien systems anywhere internet service is accessible. The NaviaLink module attaches easily to any new or existing* Navien NPE Series tankless water heaters. Once installed, simply download the free app on your smartphone or tablet. Then you will be able to turn your unit on or off, change the water temperature, monitor system status and even activate the recirculation system on your NPE-A tankless water heater with an installed HotButton™ kit.



*Existing installations may require the purchase of a new main PCB and front control panel.



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Temperature rise

Temp rise (°F)	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)
NPE-150S	18,000–120,000	18,000–120,000
NPE-180 A/S	15,000–150,000	15,000–150,000
NPE-210 A/S	19,900–180,000	19,900–180,000
NPE-240 A/S	19,900–199,900	19,900–199,900

Warranty

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

***For units produced before Jan. 1, 2016.

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

Operating cost

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

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

Lower HERS home index score

U.S. Green Building Council LEED Points

Water heater	Location	Recirculation
1 Point	2 Points	3 Points

The North American leader in condensing technology

Navien was an early leader in developing condensing technology for boilers and water heaters. Condensing technology maximizes energy by using unused heat emitted from flue gases. As a result, energy consumption and greenhouse gases are significantly reduced.

Committed to your success

Navien regularly holds product training events in locations across the nation. Navien also operates regional training academies in California, New Jersey and Ontario.

Visit **training.NavienInc.com**.



**Navien Rewards**[™]

Hard work deserves extra perks

Sign up today and see how your loyalty and business are appreciated by all of us at Navien.

Visit **NavienRewards.com**.



To learn more about Navien NPE Series condensing tankless water heaters, NCB-E combi-boilers, NFC fire tube combi-boilers, NHB boilers and NFB fire tube boilers, visit **NavienInc.com**.



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 **Navien**

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