



# 20 25 PRODUCT GUIDE



# EZ SERIES PRO

RESIDENTIAL TANKLESS

**NORITZ**  
EZ SERIES  
**PRO**  
**25**  
YEAR  
WARRANTY

A yellow shield-shaped badge with a black border. It contains the text 'EZ SERIES PRO 25 YEAR WARRANTY' in bold, black, sans-serif font. The NORITZ logo is at the top.

# Table of Contents

## Noritz Flagship Products

4 Featured Product: EZ Series Pro

6 EcoTough Heat Pump

8 Hybrid Hot Series

10 NRCR Recirculating Tankless

14 EZTR Bundles

18 NRCB

20 Commercial Rack Systems

## Technical Specs

22 High Efficiency Models

24 Mid Efficiency / Commercial Models

26 Temperature Rise / Gas Sizing Charts

## Accessories

28 Accessory Compatibility Chart

29 Accessories

32 PVC Vent Accessories

34 Single Wall Vent / Single Wall Vent Accessories

37 Single Wall Vent Kits

38 Concentric Venting

40 Concentric Vent Kits

## Installer Programs and Support

41 Noritz Resources: Support Site / Noritz University

42 NEW ProCard Program Update





NORITZ  
**HH**  
HYBRID HOT  
SERIES BY NORITZ

**Over 70 years**  
**in the field of**  
**hot water heating.**

Noritz has been an innovator in the water heating industry for over 70 years. We introduced the first modern, electronically controlled tankless water heaters in 1981 and we remain the leader in energy savings and superior hot water delivery today.

Serving both homeowners & commercial users across the U.S. and Canada, Noritz America offers a broad range of water heating solutions to meet the varying needs of its broad spectrum of customers.

# The Top Tankless™

Water Connections on Top Means Faster Installs

## EZ SERIES PRO

### New and Improved

Designed to deliver exceptional hot water performance, our new EZ Series Pro line brings even more features and benefits to our most popular tankless product. This includes features such as improved efficiency, Bluetooth® connectivity, and more - making our flagship heaters the first choice for homeowners looking for faster, reliable hot water delivery.



### EZ SERIES

Scan to watch our quick explainer video

NEW SIZE

## EZ71

#### Features

7.1 GPM

160,000 BTU

0.98 UEF



## Pro Features

### New Bluetooth® Connectivity

All GQ-C61 models come equipped with Bluetooth® connectivity, providing users with more control of heater functions including pump timers, temperature settings, and more.

### New Available in One Gas Type

Natural Gas (NG) is the default gas type on all GQ-C61 models but if liquid propane (LP) is preferred, all units come with a gas conversion kit that helps to easily update your unit's gas type.

### New Latch Cover Design

The new latch cover design now provides quick and easy access to internal parts and components.

### New Greater Efficiency

Our new EZ Series GQ-C61 line offers an industry-leading **0.98 UEF RATING**, making it even more efficient than previous models by generating less harmful emissions.

### New Built-In Display

All GQ-C61 EZ models now come with a built-in display that shows your heater's temperature, status, as well as error codes.

## Technical Specifications

Specification	Model Number		
	 <b>EZ71DV</b> (GQ-C2661WX-FF US NG)	 <b>EZ98DV</b> (GQ-C2861WX-FF US NG)	 <b>EZ111DV</b> (GQ-C3261WX-FF-US NG)
Model Name			
Weight	60lbs.		
Gallons Per Minute	0.4 - 7.1 GPM	0.4 - 9.8 GPM	0.4 - 11.1 GPM
Min / Max BTU	12,800 - 160,000 Btu/h	12,800 - 180,000 Btu/h	12,800 - 199,900 Btu/h
UEF	<b>0.98 UEF</b>		
Dimensions (Height x Width x Depth)	26.1" (h) x 18.1" (w) x 11.8" (d)		
Connection Sizes	Water Inlet	NPT 3/4"	
	Hot Water Outlet	NPT 3/4"	
	Gas Inlet	NPT 3/4"	
	Condensate Drain	NPT 1/2"	
Water Heating Capacity (45°F (25°C) Rise)	6.9 GPM (26L/min)	7.6 GPM (29 L/min)	8.7 GPM (33L/min)
Temperature Settings	F° Mode	100 - 140° F (In 5° Intervals) (9 options)	
	C° Mode	37 - 48° C (In 1° intervals), 50-60° C (In 5° intervals) (15 options)	
Operating Pressure	15 - 150 psi (Recommended 50 - 80 psi for maximum performance)		
<b>Bundle Options</b>			
Bundle Available	N/A	Yes (Model EZTR50)	Yes (Model EZTR75)

## Additional Features

### ⇒ New Steady BTU Mode

SBTU mode eliminates issues with high incoming water temperature in the summer by reducing effective BTU output to less than 5 KBTU, preventing water temperature fluctuations while keeping your tankless running efficiently.

### ⇒ 1/2" Gas Line Compatible

Compatible with most installations, the 3/4" fitting is found underneath the unit for a more convenient install.

### ⇒ Wireless Capability

Combined with the Noritz Connect app, users have control of all heater functions and diagnostic tools.

### ⇒ Top Mounted Water Connections

Top mounted connections allow for previous water lines to be reconnected faster.

### ⇒ Dual High Grade Stainless Steel Heat Exchangers

Featuring greater resistance to corrosion and buildup, keeping your system running for years to come.



We believe in our product and want homeowners to have the latest and greatest tankless technology available. That's why Noritz has done what no one else has in the tankless industry: We've backed our EZ Series with a 25 year warranty. For more information, visit [Noritz.com/EZWarranty](https://www.noritz.com/EZWarranty)

# ECOTOUGH HEAT PUMP



## High Efficiency Electric

### Unmatched Efficiency and Hot Water Delivery for Residential Applications

**Item# NHP50/65/80/120\***

Noritz is excited to announce a new addition to our residential product line, the Noritz EcoTough Heat Pump.

Combining the latest heat pump technology with a cement lined tank for superior corrosion resistance, the Noritz Heat Pump operates by taking air in the surrounding area and converting it to hot water which is then stored in the tank. The process utilizes less electricity than traditional water heaters, making it considerably more efficient as well. In addition, the integrated controller also provides a variety of modes for customized homeowner needs.

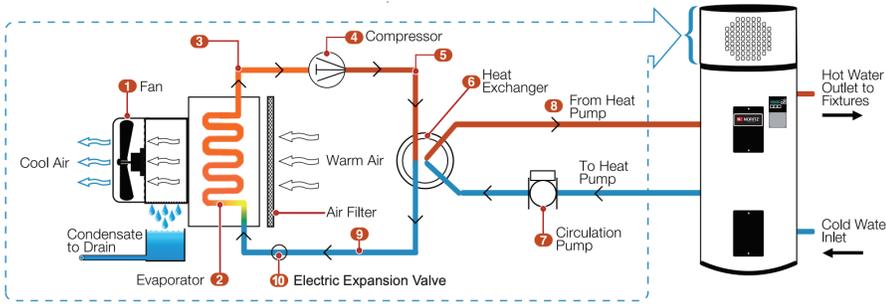
#### Model Lineup Information

Model	First Hour Rating	UEF	Storage Volume
NHP50	58	3.46	50 gal.
NHP65	70	3.34	65 gal.
NHP80	86	3.48	80 gal.
NHP120*	120	3.6	120 gal.

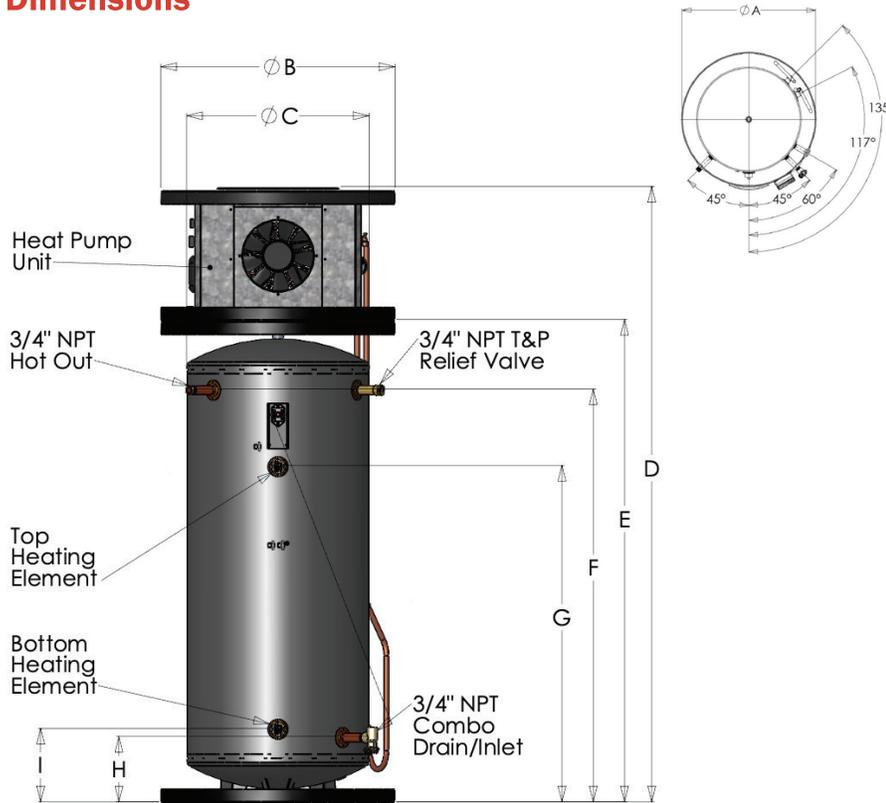
\*NHP120 available by special order



## Operational Diagram



## Dimensions



Model	A Jacket Diameter	B Heat Pump Jacket Diameter	C Tank Diameter	D Overall Height	E Vessel Height	F Shipping Weight (lbs.)	G Height to T&P and Hot Out	H Height to Top Element	I Height to Cold Inlet	J Height to Bottom Element
NHP50	28"	28"	22"	58.25"	42.5"	325	33.875"	27.875"	7.875"	8.875"
NHP65	28"	28"	22"	63.75"	48"	365	39.375"	32.125"	7.875"	8.875"
NHP80	28"	28"	22"	74"	58.25"	440	49.875"	40.625"	7.875"	8.875"
NHP120*	30"	28"	24"	84.5"	68.75"	525	60.375"	47.875"	7.875"	8.875"

\*NHP120 available by special order

## Features

### ⇒ Built to Perform

The Noritz EcoTough Heat Pump features a cement lined tank for superior corrosion resistance, longer tank life, as well as reduced future maintenance.

### ⇒ More Power - Same Footprint

Offering the same footprint of a traditional tank heater, the EcoTough Heat Pump provides greater output and efficiency without taking up more space in your home.

### ⇒ Performance for Years to Come

Includes our industry-leading 10 year Noritz warranty, providing homeowners with years of improved hot water delivery.

### ⇒ Ease of Use and Access

Our Noritz Heat Pump has been designed for easier installation and service accessibility by maintenance professionals.

### ⇒ No Anode Rod Required

Unlike other heat pumps on the market, the EcoTough Heat Pump does not require an anode rod to operate.

### ⇒ Customizable Operation Modes

Includes 5 modes to customize your heat pump and its daily operation:

- Hybrid (standard)
- Electric
- Heat Pump
- Super (High Demand)
- Vacation

Scan to view the complete technical specs for the **Noritz EcoTough Heat Pump**





# HH

## HYBRID HOT S E R I E S

BY NORITZ®

### The First Tankless and Tank Combo from Noritz

#### Endless Hot Water. Quicker Recovery.

The Hybrid Hot Series by Noritz® brings together the storage of a standard tank with the power and efficiency of a tankless to take on any commercial hot water demand.

Combined to meet the hot water requirements of businesses, the Hybrid Hot Series by Noritz® utilizes the latest in tankless and tank storage technologies to create a powerful and reliable solution for business owners. The Hybrid Hot also offers common venting for multiple units to ensure endless hot water is always available.

Noritz is proud to present our latest innovation in tankless technology.

#### Performance

Approved Gas Types	Natural Gas or Propane
Efficiency	0.96 UEF (For NCC199CDV tankless)
	94% Thermal Efficiency (For system)
First Hour Rating	317 GPH



Scan to watch our  
**Hybrid Hot**  
**3D Explainer Video**

Hybrid Hot Series by Noritz®	
Product Number	NHH199100-1-NG
	NHH199100-1-LP
Installation Location	Indoor
Weight	544 lbs (Product Weight) 650 lbs (Shipping Weight)
Working Pressure	Water
	Gas
Connection Size	Cold Water
	Hot Water
	Return (Recirc)
	Gas
Vent	Type
	Size
	Max Length
	Common Vent
Dimensions	H: 67 3/4" W: 28" D: 43.5"
Weight	544 lbs.
Power Supply	120 VAC (60Hz)
Tank Capacity	119 Gallons (Cement Lined)
Tankless Capacity	18,000 - 199,900 BTU/h
Temperature Setting	100 - 185°F (37 - 85° C)



### Recovery Capacity

Product Number	Approx. Tank Capacity	Max Input (Btu/hr)	GPH (LPH) vs Temperature Rise											
			30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F
NHH199100	119 Gal	199,900	780	585	468	390	334	292	260	234	213	195	180	167

## Features

### ⇒ The Best of Tank and Tankless

With an endless supply of hot water, lower pressure drop, and no limitation of hot water flow rate, the Hybrid Hot Series by Noritz® combines features of both technologies to provide the most reliable hot water delivery system to date for commercial applications.

### ⇒ Faster Hot Water Recovery

The Hybrid Hot offers the best BTU possible at the quickest rate, providing businesses with energy savings and more. Thanks to its larger pump, hot water recovery speed with the Hybrid Hot is faster than other tank and tankless combinations.

### ⇒ Cement Lining

With no anode rod and a greater warranty than other tanks on the market, our tank also features cement lining for superior corrosion resistance.

### ⇒ Continuous Hot Water Delivery

If your tank suddenly runs out of hot water, no need to worry. The Hybrid Hot Series by Noritz® can continue to provide hot water using the paired NCC199CDV tankless even after your stored supply is depleted\*.

\*Hot water capabilities are limited

### ⇒ 10 Year Tank + Tankless Warranty

The Hybrid Hot Series by Noritz offers an industry leading 10 year warranty for both the tank and tankless, bringing peace of mind to business owners.

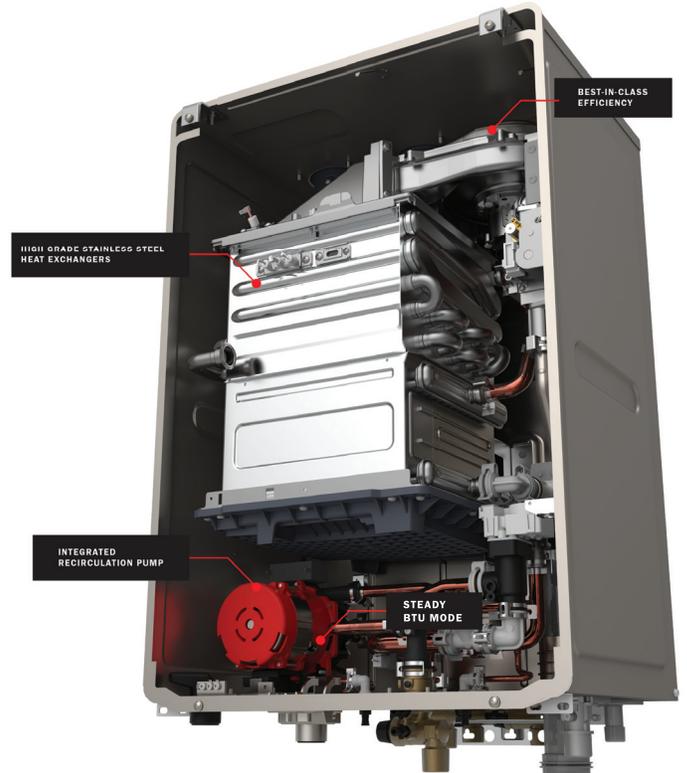
### ⇒ NCC199CDV - TRUE Commercial Tankless

The included Noritz NCC199CDV commercial tankless provides industry leading performance for any commercial water heating application and features high grade heat exchangers, common venting capability, and a high efficiency.

# NRCR

NORITZ RESIDENTIAL CONDENSING RECIRCULATION

The Noritz NRCR series offers the latest cutting edge recirculation technology in a tankless water heater. This unit is equipped with high quality stainless steel heat exchangers for extreme corrosion and thermal stress resistance, giving your tankless a longer lifespan. In addition, a recirculation pump comes integrated with the unit to give you hot water faster and without the wait.



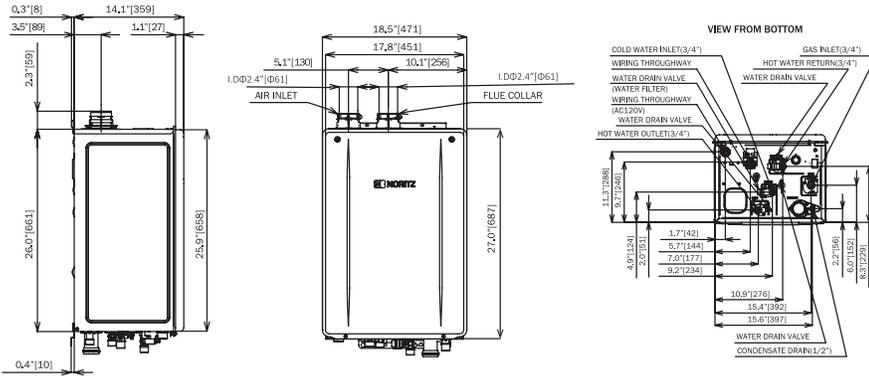
## Recirculation Reimagined

The NRCR Residential Condensing Tankless Water Heater uses a fully integrated pump to keep hot water close to even the farthest outlet in the home, minimizing the wait and, therefore, the waste of unused potable water down the drain.



Scan to watch our quick explainer video on the

# NRCR



# Features

In addition to a new integrated recirculation pump, Noritz has redesigned and reformulated the heart of what makes the tankless work - The heat exchanger. By using a special stainless steel blend the heat exchanger has not only gained better efficiency, but also **SUPERIOR** durability.

## Technical Specs

Model		NRCR92DV	NRCR111DV
GQ Reference Number		GQ-C2660WXQ-FF US	GQ-C3260WXQ-FF US
BTU Input Range		18,000 - 165,000	18,000 - 199,900
Min / Max Flow Rate		0.5 GPM - 9.2 GPM	0.5 GPM - 11.1 GPM
Flow Rate at ΔT	30° F	9.2 GPM	11.1 GPM
	45° F	7.1 GPM	8.7 GPM
	80° F	4.0 GPM	4.9 GPM
Dimensions		27" (Height) x 18.5" (Width) x 14.1" (Depth)	
Weight		73 lbs.	
Connection Sizes	Water Inlet	3/4"	
	Hot Water Inlet	3/4"	
	Gas Inlet	3/4" (1/2" up to 60ft.)	3/4" (1/2" up to 40 ft.)
	Condensing Drain	1/2" Threaded	
Freeze Protection		Yes, pump circulation + resistance heat	
UEF		0.95	0.96
Warranty		<b>15 Year Warranty on Heat Exchanger,</b> 5 year warranty on parts & 1 year reasonable labor	
Temp Settings	° F Mode	100-140° (In 5° Intervals) (9 Options)	
	° C Mode	37-48° C (In 1° C Intervals), 50-60° C (In 5° Intervals) (15 Options)	
Recirc Lengths		200 feet (1/2") / 500 feet (3/4")	
Venting Lengths		2" PVC (65 feet), 3" PVC (150 feet) or Flex Vent (35 feet)	
Wifi Compatible		Yes	

### ⇒ Industry Leading Warranty

The NRCR features a 15 year warranty on its heat exchangers, which is one of the best warranties on a tankless with an integrated pump.

### ⇒ Best-In-Class Efficiency

The NRCR helps reduce harmful emissions by featuring some of the best UEF ratings in the tankless market.

### ⇒ Re-engineered Heat Exchanger

The NRCR's heat exchangers are composed of high quality stainless steel and designed for easier serviceability.

### ⇒ Steady BTU Mode

An industry first, the NRCR's revolutionary burner control eliminates issues with high incoming water temperature in the summer by reducing effective BTU output to less than 5 KBTU.

### ⇒ Integrated Recirculation Pump

Built with an integrated pump allowing a 1/2" loop with a length of up to 200 feet (or 3/4" up to 500 feet), the longest in the industry.



**Coming Soon**

# NRCR PRO

Our Pro line is coming soon to the NRCR! This upgraded model will feature an industry-leading 0.98 UEF, new cover design, Bluetooth® connectivity, and built-in display.



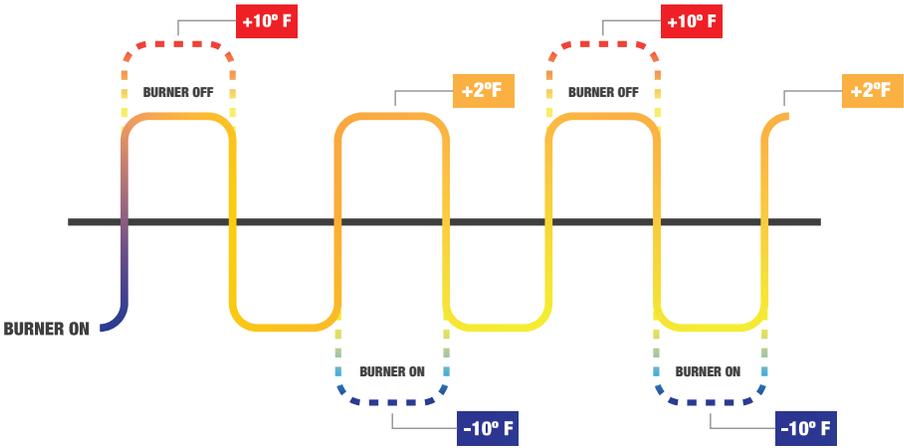
# Featured Modes and Accessories

Equipped with a variety of customizable modes, the Noritz NRCR helps you simplify and personalize your home's hot water usage.

## SBTU<sup>o</sup>

### MODE

An industry first, the NRCR's revolutionary burner control eliminates issues with high incoming water temperature in the summer by reducing effective BTU output to less than 5 KBTU. This prevents water temperature fluctuations while keeping your tankless running efficiently.

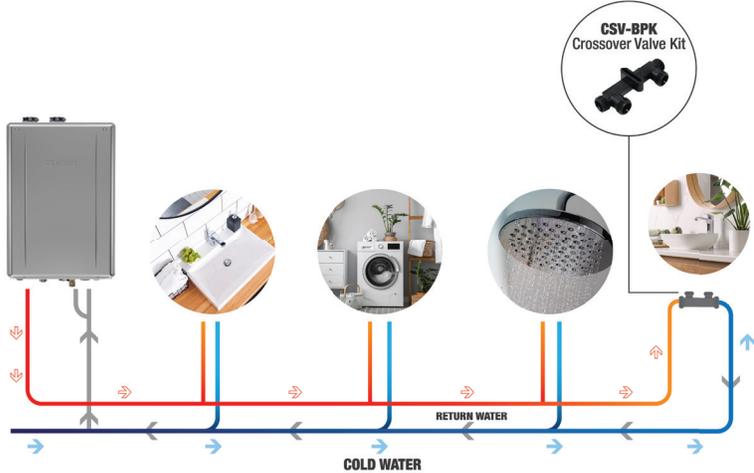


Scan your phone here to watch our SBTU Mode explainer video

## Crossover Mode

Is your home missing a return line? Now you can experience home recirculation with the NRCR's Crossover Mode. Utilizing our Crossover Kit (Item# CSV-BPK, sold separately), you can enjoy the full benefits of a recirculation line without the need to install additional piping in your home.

Item# CSV-BPK



## Full Recirculation

Built with an integrated pump, the NRCR brings your home hot water faster than ever by utilizing your dedicated return line.





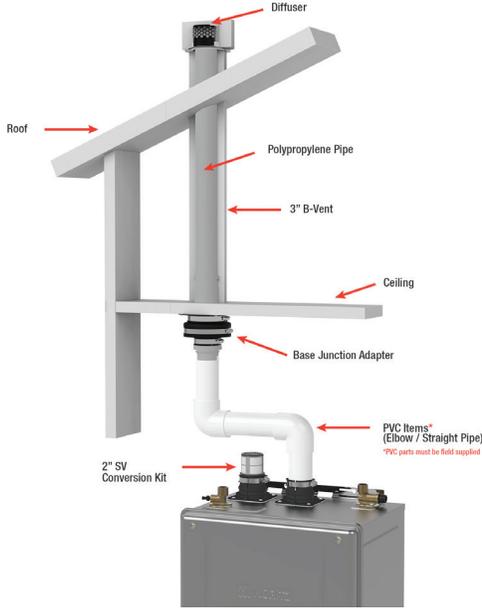
# Accessories

Get ultimate comfort and control out of your NRCR when paired with any of our additional accessories.

## No Roof Kit

### NRK-1

The new Noritz No-Roof Kit provides a new venting option by eliminating the need to climb onto the rooftop to complete your installation. The kit also comes with all materials needed, cutting down further install time and material waste.



Scan to Watch Our No Roof Kit Installation Video

## Wireless On-Demand Button Kit For NRCR Series

Our wireless on-demand button kit allows full utilization of the NRCR's on-demand recirculation system. Endless hot water just got easier.



1 x Receiver 2 x Transmitters

### Wireless On-Demand Button Kit

WLB

Activate the NRCR's on-demand recirculation mode with this Title 24 compliant wireless push button. Kit contents include 2 wireless transmitters, wireless receiver, and a signal connector.



1 x Wireless Motion Sensor

### Wireless Motion Sensor

WLB-MS

Activate your tankless water heater from anywhere in your home when you come in range of the sensor.



1 x Transmitter

### Extra WLB Transmitter

WLB-ET

One additional transmitter for WLB wireless on-demand button kit.



## Service Kit SPK-EZ3

Our new service kit comes with parts needed to maintain all NRCR tankless models.

Part Number	Description	Qty.
3223302-B	O-Ring - High Temp P16	12
DTJD006	Water Filter Cap	3
EDGD101	Flow Sensor (GQ60)	1
EGBD032	Water Filter	3
EPAD001	Flow Sensor (EZ GQ59, CDV GQ59 & GQ60)	1
ETFD050	Bypass Servo (GQ59/GQ60)	1
ETFD051	Main Servo (EZ GQ59, CDV GQ59/GQ60)	1
FABH001	High Limit Switch - 194	1
FABH002	High Limit Switch - 320	1
FBMD011	Main Servo (GQ60)	1
SKJ71VZ	Ignition Plug w/ Gasket (GQ59 & NRCB)	1
SKJ72MT	Ignition Plug w/ Gasket (GQ60)	1
SKJ72N0	Screw Kit (GQ60)	1
SKJ72QD	Flame Lifting Rod (Flame Rod GQ60)	1
SKJ72Y9	Igniter Set w/ wires & sleeve (GQ60)	1
SKJ730E	Igniter Set w/ wires & sleeve (GQ59 & NRCB)	1

## 2" SV Conversion Kit

### SV-CK-2-1



Upgraded for 2022, our 2" single vent conversion kit upgrades direct vent (DV) installs to non-direct vent (SV) operation

## Outdoor Vent Kit

### VC-6-1



Our new plastic outdoor vent cap is now easier to install and features a new elegant design. Compatible with EZ, NRCR, and NCC199CDV models.

## Additional NRCR Accessories

Model No.	Contents	Qty
CSV-BPK	Crossover Kit	1
EZ2-CK-1	Flex Vent 2" Conversion Kit	1
EZ2-FVK-1	2" Flex Vent Kit (25 ft.)	1
EZ2FVK-2-1	2" Flex Vent Kit (35 ft.)	1
NC-1W	Wall Hanging Residential Condensate Neutralizer Kit	1
IHK-GB	On Demand Button	1
IHK-RS	On Demand Switch	1
PC-10S	Pipe Cover	1
PVC-#LPT	Low Profile Termination Vent	1
RC-9018M	Remote Controller (To set timer manually)	



# EZTR BUNDLES

## All-In-One Residential Tank Replacement Bundle

The Noritz EZTR bundles include select accessories to help get you up and running with your installation. Each model is designed for different water demands for residential applications. In addition, our EZTR50 and EZTR75 bundles have now been updated to our latest **EZ Series Pro** models, providing homeowners with the latest and greatest iteration of our award-winning flagship tankless.



### Each Bundle Includes:

Rigid 45° Elbow and 2" Flex Vent Gasket



Aluminum Flex Sleeve

Flex Feeder with Base Junction Support and Base Junction Adapter



25 ft. of 2" Flex Vent

Top Flex Support Rain Cap



Flex Vent 2" Conversion Kit

### Also Available

## EZTR40

### 40 Gallon Tankless Bundle

The EZTR40 package is designed for quick and direct indoor replacement of 40-gallon tank water heaters.



### All Parts Needed for Installation Included

Each EZTR50 and EZTR75 bundle includes the heater itself, a flex vent conversion kit (25 feet of 2-inch flex), an isolation valve kit, and a startup guide. The EZTR40 also comes with a heater, vent kit, and service valves.

# Technical Specifications

## Vents Through Existing, Round 3" Or 4" B-Vent



Model	EZTR40	EZTR50	EZTR75
<b>GQ Reference Number</b>	GQ-C1956WS-F US	EGQ-C2861WX-FF US NG	EGQ-C3261WX-FF US NG
<b>Vent Type</b>	2" Flex Vent	Convertible Vent	Convertible Vent
<b>Dimensions (inches)</b>	27.2"(h) x 18.3"(w) x 9.4"(d)	26.1"(h) x 18.1"(w) x 11.8"(d)	26.1"(h) x 18.1"(w) x 11.8"(d)
<b>Weight (lbs)</b>	50 lbs.	60 lbs.	60 lbs.
<b>Min. / Max. BTU/h</b>	15,000 - 120,000	12,800 - 180,000	12,800 - 199,900
<b>UEF</b>	0.87	<b>0.98</b>	<b>0.98</b>
<b>Max. Hot Water Capacity</b>	6.6 GPM	9.8 GPM	11.1 GPM
<b>Water Inlet</b>	3/4"		
<b>Hot Water Outlet</b>	3/4"		
<b>Gas Inlet (1/2 in. capable)</b>	1/2" (1/2 in. up to 100 ft.)	3/4" (1/2 in. up to 50 ft.)	3/4" (1/2 in. up to 40 ft.)
<b>Temp. Settings</b>	115 - 140°F (In 5° Intervals)	100-140°F (In 5° intervals) (9 Options)	
<b>Warranty</b>	12 year warranty on heat exchanger, 5 year warranty on parts, & 1 year reasonable labor	<b>INDUSTRY LEADING 25 YEAR HEAT EXCHANGER WARRANTY</b> 5 year warranty on parts & 1 year reasonable labor	
<b>Ultra Low NOx</b>	Yes		
<b>Quick Connect</b>	No	Yes	
<b>Remote Included</b>	Digital Display	Built-in Display	
<b>Min. / Max. Flow Rate</b>	0.5 GPM / 6.6 GPM	0.4 GPM / 9.8 GPM	0.4 GPM / 11.1 GPM
<b>High Altitude Approved</b>	Up to 3,500 ft.	Up to 10,000 ft.	
<b>Indoor / Outdoor</b>	Indoor Only	Indoor / Outdoor	
<b>Bluetooth® Compatible</b>	No; Wifi Only	Yes	
<b>Pump Kit Compatible</b>	No	Yes	
<b>EZTR / EZ Series Options</b>			
<b>Bundle</b>	Yes (Model EZTR40)	Yes (Model EZTR50)	Yes (Model EZTR75)
<b>Sold Separately</b>	No	Yes (Model EZ98; GQ-C2861WX-FF US )	Yes (Model EZ111; GQ-C3261WX-FF-US)

# EZ SERIES Accessories

## Install It Your Way

The Noritz EZ Series adapts to your installation needs, providing professional installers and their homeowner-customers with a wider range of tankless options, covering the majority of residential, tank-replacement opportunities. Choose the way you install the EZ98 or EZ111 with any of these available accessories. Tackle a wide variety of install scenarios with the most versatile tankless on the market.

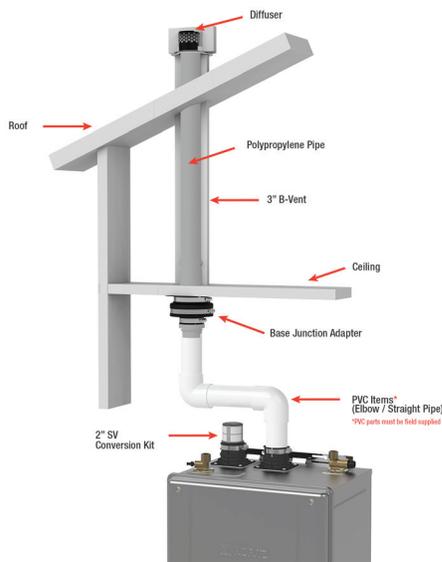
### No Roof Kit

#### NRK-1

The new Noritz No-Roof Kit provides a new venting option by eliminating the need to climb onto the rooftop to complete your installation. The kit also comes with all materials needed, cutting down further install time and material waste.



Scan to Watch Our  
No Roof Kit  
Installation Video



### Service Kit

#### SPK-EZ3

Our new service kit comes with parts needed to maintain our EZ Series tankless.



Part Number	Description	Qty.
3223302-B	O-Ring - High Temp P16	12
DTJD006	Water Filter Cap	3
EDGD101	Flow Sensor (GQ60)	1
EGBD032	Water Filter	3
EPAD001	Flow Sensor (EZ GQ59, CDV GQ59 & GQ60)	1
ETFD050	Bypass Servo (GQ59/GQ60)	1
ETFD051	Main Servo (EZ GQ59, CDV GQ59/GQ60)	1
FABH001	High Limit Switch - 194	1
FABH002	High Limit Switch - 320	1
FBMD011	Main Servo (GQ60)	1
SKJ71VZ	Ignition Plug w/ Gasket (GQ59 & NRCB)	1
SKJ72MT	Ignition Plug w/ Gasket (GQ60)	1
SKJ72N0	Screw Kit (GQ60)	1
SKJ72QD	Flame Lifting Rod (Flame Rod GQ60)	1
SKJ72Y9	Igniter Set w/ wires & sleeve (GQ60)	1
SKJ730E	Igniter Set w/ wires & sleeve (GQ59 & NRCB)	1



### Single Vent

#### 2" SV Conversion Kit SV-CK-2-1

Upgraded for 2022, our 2" single vent conversion kit upgrades direct vent (DV) installs to non-direct vent (SV) operation.



### Direct Vent

#### Utilizing 2" PVC PVC-2CT (2" PVC) PVC-3CT (3" PVC)

Additional Optional Accessories:  
PVC concentric horizontal termination kit



### Outdoor Installation

#### Outdoor Vent Cap VC-6-1

The Outdoor Vent Kit allows for outdoor installations of your EZ Series tankless. Our new plastic outdoor vent cap is now easier to install and features a new elegant design.

# EZ SERIES Flex Vent Kits

Available in both 25 and 35 feet, our flex vent kits are designed to bring homeowners more installation versatility and come with all the necessary parts making it easy to install the Noritz EZ Series of your choice.

**25 Feet**

## EZTR 2" Flex Vent Kit

Accessories required for this install:

### EZ2FVK-1

**Bag 1**



- Flex Feeder
- Base Junction Support
- Base Junction Adapter

**Bag 2**



- Top Flex Support
- Rain Cap

**Bag 3**



- Rigid 45° Elbow
- 2" Flex Vent Gasket



25 Foot  
2" Flex Vent

### EZ2-CK-1

Required To Utilize Flex Vent Kits  
For EZ98/111 and NRCR



Flex Vent 2" Conversion Kit

**25 Ft.  
Flex Vent Included**



#### Optional Accessory

Optional Diffuser Kit  
(For use if keeping  
existing rain cap)

**EZ2-DK-1 (25')**



Install Through Existing B-Vent Up To 25 Feet (Optional, Sold Separately)

**35 Feet**

## EZTR 2" Flex Vent Kit

Accessories required for this install:

### EZ2FVK-2-1

**Bag 1**



- Flex Feeder
- Base Junction Support
- Base Junction Adapter

**Bag 2**



- Top Flex Support
- Rain Cap

**Bag 3**



- Coupler Retainer
- 2" Flex Vent Gasket
- O-Ring Lubricant
- 45° Elbow



35 Foot  
2" Flex Vent

### EZ2-CK-1

Required To Utilize Flex Vent Kits  
For EZ98/111 and NRCR



Flex Vent 2" Conversion Kit

**35 Ft.  
Flex Vent Included**



#### Optional Accessory

Optional Diffuser Kit  
(For use if keeping  
existing rain cap)

**EZ2-DK-2 (35')**



Install Through Existing B-Vent Up To 35 Feet (Optional, Sold Separately)

## Wirelessly Control Your Noritz Tankless

Wireless control for your Noritz tankless is now at your fingertips. Set water temperatures and perform troubleshooting from your mobile phone when you pair our wireless adapter and Noritz Connect app today!

#### ⇒ Diagnose And Maintain

Homeowner and contractor alerts & reminders for fast and proactive maintenance.

#### ⇒ Wireless Control

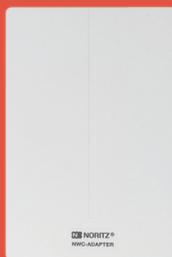
Control heater functions over our full featured app.

#### ⇒ Flexible Installation

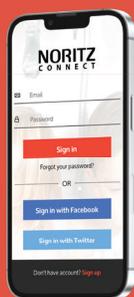
Weather resistant wireless adapter allows for installation indoors or outdoors.

#### ⇒ Usage Statistics

Track your usage over time with generated charts based on your use.



**NWC-ADAPTER**  
Wireless Adapter

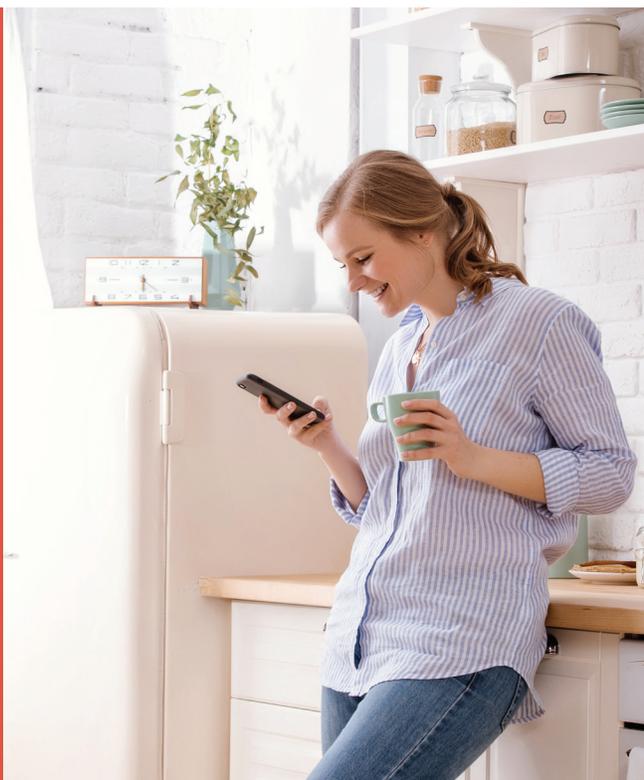


**NORITZ<sup>®</sup>  
CONNECT**

#### Control at your Fingertips

Pair our NWC-Adapter with the Noritz Connect App for wireless control of your tankless water heater.

For more information visit  
[WIFI.NORITZ.COM](http://WIFI.NORITZ.COM)





## Combination Boiler

# NRCB

### Be Ready with the Winter Warrior

Most combination boilers prioritize the call for hot water while your home is being heated. This causes your home heating to go cold while things like the shower are running. The NRCB is the industry's first to be able to handle both simultaneously to provide ease and comfort.

### Features

- » Corrosion Resistant
- » Self Regulating Flow
- » 2" and 3" PVC, CPVC and PP Venting Capable
- » 11:1 Turn down Ratio
- » 1/2 Inch Gas Line Capable
- » High Grade Stainless Steel Heat Exchangers
- » Outdoor Temperature Reset Sensor
- » External Pump Terminal
- » Scalding Prevention for DHW Safety
- » Up to 11.1 GPM
- » High Capacity Internal Pump
- » Maintains Set DHW Temp. in All Conditions
- » Simultaneous DHW and Heat<sup>1</sup>
- » Larger hot water demand can be connected with EZ Series

<sup>1</sup> Dependant on heating and DHW set temperatures

New

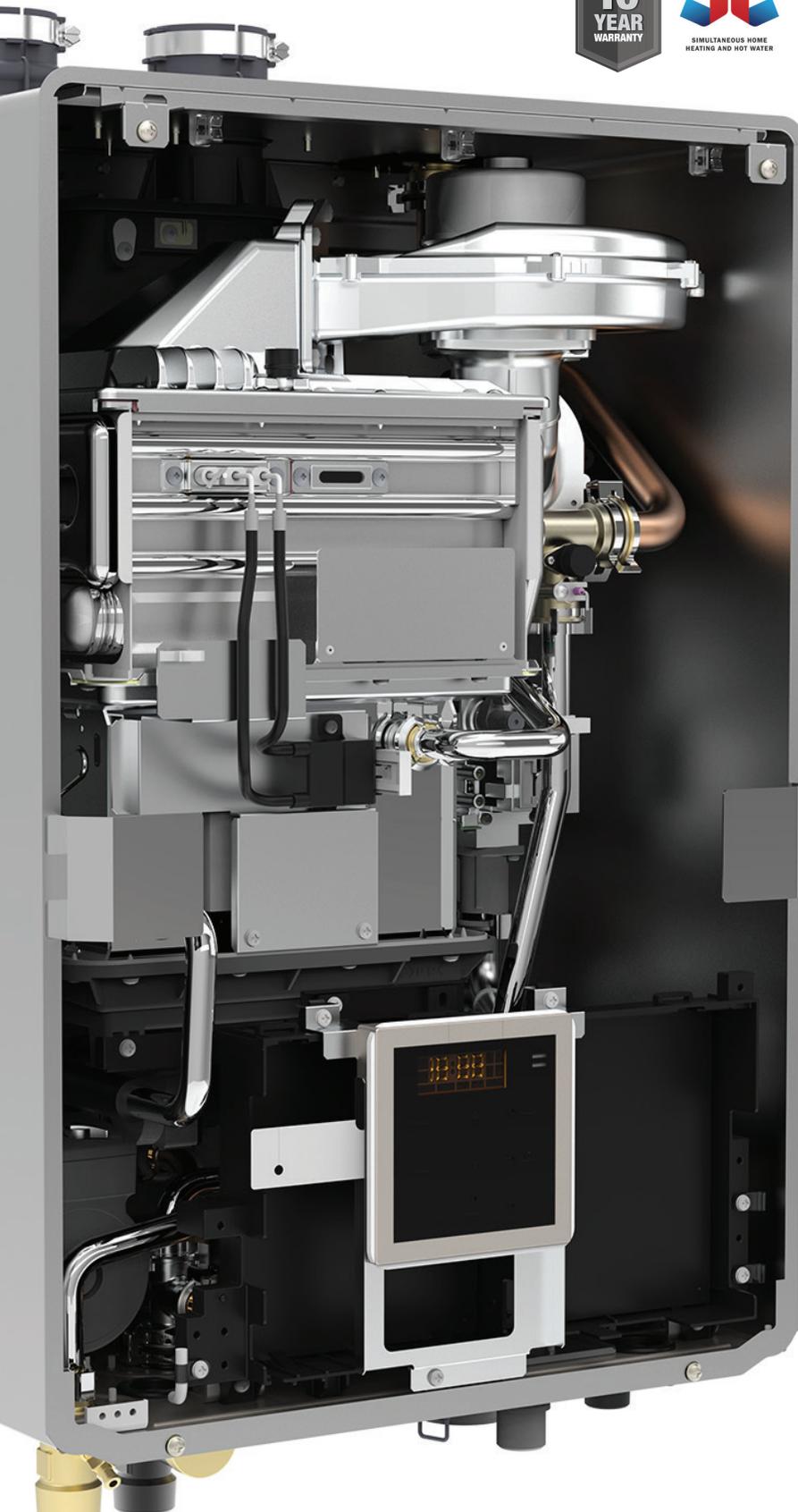
## NRCB Service Kit

SPK-NRCB2



Each service kit comes with the following for common NRCB repairs:

Part Number	Description	Qty.
DTJD006	Water Filter Cap	2
EGBD032	Water Filter	4
ELVH002	High Limit Switch	1
EMMD041	Water Filter (Heating Return)	1
EPAD001	Water Flow Sensor (SET)	1
ERBD210	3-Way Valve - Heating	1
FABH002	High Limit Switch - 320	1
FADD031	Auto Feeder Inlet Water Connection (SET)	1
FADD841	Heating Water Pressure Sensor	1
JEBD051	Main Water Servo	1
JLRD015	Bypass Water Servo	1
SKJ71VZ	Ignition Plug w/ Gasket	1
SKJ72N0	Screw Kit for GQ-C3260 Series	1
SKJ72N1	O-Ring Kit for GQ-C3260 Series	1
SKJ730E	Igniter Set w/ wires & sleeve (GQ59 & NRCB)	1





## Features

Homeowners will enjoy the improved comfort made possible by the unit's ability to simultaneously<sup>1</sup> heat domestic water and room space. No longer will the possibility exist of a shower impacting room temperature.

### ⇒ All Stainless Steel Heat Exchangers (3 Total)

Made with high quality stainless steel, these main components are built to last and bring you years of heating and hot water.

### ⇒ Ultra Low Emissions By Premix Burner

The NRCB's Premix Burner help eliminate harmful emissions into the environment.

### ⇒ High Delivering Capacity Of DHW (Max 199k / 180k BTUh)

High delivery capacity ensures your home is never without hot water again.

### ⇒ Simultaneous Operating Of DHW And Heating<sup>1</sup>

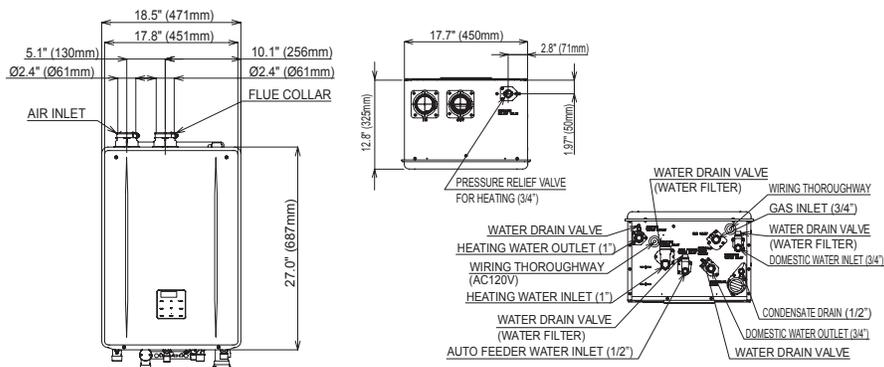
The NRCB is the industry's first tankless combi boiler to offer simultaneous DHW and home heating.

### ⇒ Stability And Quick Temperature Control Of DHW And Heating

Prevent temperature spikes with our built-in stability and quick temp control.

<sup>1</sup>Dependent on heating and DHW temperatures

## Technical Specifications



Model		NRCB180DV	NRCB199DV
GQ Reference Number		GHQ-C2801WX-FF US	GHQ-C3201WX-FF US
Gas Input Rate (Domestic Hot Water Mode)	Max	180,000 BTUh	199,900 BTUh
	Min	18,000 BTUh	18,000 BTUh
Gas Input (Heating Mode)	Max	100,000 BTUh	120,000 BTUh
	Min	18,000 BTUh	18,000 BTUh
Hot Water Capacity Flow Rate	35° F Rise	9.8 GPM	11.1 GPM
	45° F Rise	7.5 GPM	8.4 GPM
	80° F Rise	4.3 GPM	4.7 GPM
Installation		Indoor / Outdoor with VCK-NRCB (sold separately)	
Flue System		Sealed Combustion Direct Vent, Single Vent	
Gas Pressure	NG	3.5" WC-10.5" WC	
	LP	8.0" WC-14.0" WC	
Heat Exchanger	Primary	SS316L (Austenite)	
	Secondary	SS316L (Austenite)	
	Plate Type Heat Exchanger	SCR (Austenite)* *Stress Corrosion Resistant	
DHW Heating Priority		Simultaneous Heating and Domestic Capable	
AFUE		95%	



Scan to watch our quick explainer video on the NRCB

## Commercial Rack System (CR)

Noritz offers a commercial water heating solution that gives you all the benefits of tankless water heaters in one easy to install pre-fabricated package. Ideal for an existing or planned boiler and storage tank replacement, the Noritz Commercial Rack (CR) system (formerly CWHS) is made to provide a true alternative or supplement to the old storage tank setup.

### Flexibility

The new CR offers unmatched versatility and flexibility compared against a boiler or storage system. At 30" in depth, the CR system can fit through any standard 32" doorway.

Able to be installed indoors or outdoors, floor-mounted or wall-mounted, the possibilities for reducing building footprint are extensive. Indoor installations can be vented with PVC, CPVC, or PP, either horizontally or vertically, and convertible to allow either room air or direct vent combustion air options.

### Efficiency

Each CR system comes standard with the ultra-efficient NCC199CDV model unit, rated at 0.96 UEF. Fully modulating, with turn-down ratios of up to 67:1<sup>2</sup>, the CR system provides exceptional energy savings potential over a storage tank set up.

With all of these benefits plus the Noritz trademark quality, the Noritz CR system provides a true business-friendly replacement for any existing system.

### Redundancy

Built-in redundancy from using multiple Noritz water heaters ensures continuous hot water, even in the worst case of a unit going down. Isolation valves (included) allow for easy maintenance or service without interrupting hot water service to the rest of the building. The pre-installed (included) system controller monitors and controls the units to ensure even wear and proper operation of each unit.

With the optional wireless adapter<sup>3</sup>, you can further enhance system reliability by monitoring the units at the touch of a finger and receiving service alerts automatically.

<sup>1</sup>Floor mounted racks only  
<sup>2</sup>With one 6 unit system CR rack. Multiple racks can be combined together to get turn down ratios of up to 300:1 with 24 units and the SC-401-24M system controller.  
<sup>3</sup>NWCCADAPTER

## Pre-Engineered Rack Systems

The CR is a pre-fabricated racking system for use in flat rooftop or mechanical room applications for commercial multi-systems. A low profile design and a variety of installation options make this rack system ideal for business owners looking to replace outdated storage tanks.

## Additional System Options and Accessories

### › 2020 CA System Update



CR60-CA

The updated CR system update comes with a redesigned gas header with built-in gas sediment traps and an additional shutoff valve, simplifying both installation and service.

### › Wall Hanging Rack



WH-3

Our wall hanging rack allows installers to accommodate for existing conduit and piping without interference, reducing additional installation time.

### › CR60 Wheel Kit



CR60-WK

Noritz CR60 Wheel Kit is designed to simplify logistics of moving all Noritz Commercial Racks configurations from the crate to the mechanical room.



# Features and Benefits

## New Low Profile Design

Redesigned with lower center of gravity for increased stability and easier transportation.

## Easy Scalability

Standardized water and gas lines allow easy connection of multiple rack systems in-line.

## Reduced Install Time

Pre-piped condensate manifold and condensate line along with pre-wiring required for multi-systems reduces installation time.

## New Wall Mount Option

The redesigned wall mounted option allows for more space savings without sacrificing performance.

## Simplified Venting

Built-in non-return valve allows for common venting up to 6 units on a single manifold without the need for external accessories.

## Commercial Rack System Dimensions

Item Number	Rack Type	UPC	Included Main Components		Cold / Hot Water & Gas Manifold				Rack Dimensions			Weight (lbs)
			GQ-C3260WZ-FF US	SC-401-6M	Cold	Hot	Condensate Drain Manifold	Gas Manifolds	L	D	H	
CR60-WH-2-LP	2 Unit Wall Hanging, LP	860003319932	2	1	2"	2"	3/4"	2"	54 1/4"	17"	44"	259
CR60-WH-2-NG	2 Unit Wall Hanging, NG	860003319949										
CR60-WH-3-LP	3 Unit Wall Hanging, LP	860003319956	3	1	2"	2"	3/4"	2"	78"	17"	44"	386
CR60-WH-3-NG	3 Unit Wall Hanging, NG	860003319963										
CR60-FS-3-LP	3 Unit Free Standing, LP	850018743556	3	1	2"	2"	3/4"	2"	52 1/4"	30"	56 3/4"	386
CR60-FS-3-NG	3 Unit Free Standing, NG	850018743549										
CR60-FS-4-LP	4 Unit Free Standing, LP	860003319970	4	1	2"	2"	3/4"	2"	54 1/4"	30"	56 3/4"	444
CR60-FS-4-NG	4 Unit Free Standing, NG	860003319987										
CR60-FS-5-LP	5 Unit Free Standing, LP	850018743099	5	1	2"	2"	3/4"	2"	78"	30"	56 3/4"	560
CR60-FS-5-NG	5 Unit Free Standing, NG	850018743082										
CR60-FS-6-LP	6 Unit Free Standing, LP	817000013752	6	1	2"	2"	3/4"	2"	78"	30"	56 3/4"	641
CR60-FS-6-NG	6 Unit Free Standing, NG	860003319994										

## CA Update Commercial Rack System Dimensions

Item Number	Rack Type	UPC	Included Main Components		Cold / Hot Water & Gas Manifold				Rack Dimensions			Weight (lbs)
			GQ-C3260WZ-FF US	SC-401-6M	Cold	Hot	Condensate Drain Manifold	Gas Manifolds	L	D	H	
CR60-WH-2-LP-CA	2 Unit Wall Hanging, LP	850018743365	2	1	2"	2"	3/4"	2"	54 1/4"	17"	44"	259
CR60-WH-2-NG-CA	2 Unit Wall Hanging, NG	850018743358										
CR60-WH-3-LP-CA	3 Unit Wall Hanging, LP	850018743389	3	1	2"	2"	3/4"	2"	78"	17"	44"	386
CR60-WH-3-NG-CA	3 Unit Wall Hanging, NG	850018743372										
CR60-FS-3-LP-CA	3 Unit Free Standing, LP	850018743570	3	1	2"	2"	3/4"	2"	52 1/4"	30"	56 3/4"	386
CR60-FS-3-NG-CA	3 Unit Free Standing, NG	850018743563										
CR60-FS-4-LP-CA	4 Unit Free Standing, LP	850018743402	4	1	2"	2"	3/4"	2"	54 1/4"	30"	56 3/4"	444
CR60-FS-4-NG-CA	4 Unit Free Standing, NG	850018743396										
CR60-FS-5-LP-CA	5 Unit Floor Mount, LP	850018743426	5	1	2"	2"	3/4"	2"	78"	30"	56 3/4"	560
CR60-FS-5-NG-CA	5 Unit Floor Mount, NG	850018743419										
CR60-FS-6-LP-CA	6 Unit Free Standing, LP	850018743440	6	1	2"	2"	3/4"	2"	78"	30"	56 3/4"	641
CR60-FS-6-NG-CA	6 Unit Free Standing, NG	850018743433										

## Hot Water Supply Capacity

Item Number	Heater Qty	Heater Configuration	Min BTU/hr Input	Max BTU Input	Hot Water Capacity (GPM)						
					50°	60°	70°	80°	90°	100°	110°
CR60-WH-2-LP	2	Wall Hanging In-Series	18,000	399,800	15.7	13.1	11.2	9.8	8.7	7.8	7.1
CR60-WH-2-NG											
CR60-WH-3-LP	3	Wall Hanging In-Series	18,000	599,700	23.5	19.6	16.8	14.7	13.1	11.8	10.7
CR60-WH-3-NG											
CR60-FS-3-LP	3	Free Standing	18,000	599,700	23.5	19.6	16.8	14.7	13.1	11.8	10.7
CR60-FS-3-NG											
CR60-FS-4-LP	4	Free Standing 2x2 Back to Back	18,000	799,600	31.3	26.1	22.4	19.6	17.4	15.7	14.2
CR60-FS-4-NG											
CR60-FS-5-LP	5	Free Standing 3x2 Back to Back	18,000	999,500	39.2	32.7	28.0	24.5	21.8	19.6	17.8
CR60-FS-5-NG											
CR60-FS-6-LP	6	Free Standing 3x3 Back to Back	18,000	1,199,400	47.0	39.2	33.6	29.4	26.1	23.5	21.4
CR60-FS-6-NG											

# High Efficiency (Condensing)

**EZ SERIES  
PRO**

**EZ SERIES  
PRO**

**EZ SERIES  
PRO**

EZ & NRCR					
	Model	EZ111DV	NRCR111DV	EZ98DV	NRCR92DV
GQ Reference Number	GQ-C3261WX-FF-US	GQ-C3260WXQ-FF US	GQ-C2861WX-FF US	GQ-C2660WXQ-FF US	(GQ-C2661WX-FF US NG)
Vent Type	Versatile Venting				
SV Conversion	Yes	Yes	Yes	Yes	Yes
Dimensions (Inches)	26.1" x 18.1" x 11.8"	27" x 18.5" x 14.1"	26.1" x 18.1" x 11.8"	27" x 18.5" x 14.1"	26.1" x 18.1" x 11.8"
Weight (lbs)	60 lbs.	73 lbs.	60 lbs.	73 lbs.	60 lbs.
Min./Max. BTUh	12,800 - 199,900	18,000 - 199,900	12,800 - 180,000	18,000 - 165,000	12,800 - 160,000
UEF	<b>0.98</b>	0.96	<b>0.98</b>	0.95	<b>0.98</b>
Max. Hot Water Capacity	30°F Rise: 11.1 GPM		30°F Rise: 9.8 GPM	30°F Rise: 9.2 GPM	30°F Rise: 7.1 GPM
Water Inlet	3/4"				
Hot Water Outlet	3/4"				
Gas Inlet (1/2 in. capable)	3/4" (1/2 in. up to 40 ft.)		3/4" (1/2 in. up to 50 ft.)	3/4" (1/2" up to 60 ft.)	3/4" (1/2 in. up to 40 ft.)
Temp. Settings	100-140°F (In 5° intervals) (9 Options)	100-140°F (In 5° intervals)	100-140°F (In 5° intervals) (9 Options)	100-140°F (In 5° intervals)	100-140°F (In 5° intervals) (9 Options)
Default Temp. Option	120, 125, 130, 140°F				
Warranty	<b>25 YEAR HEAT EXCHANGER</b> , 5 year warranty on parts & 1 year reasonable labor	<b>15 YEAR HEAT EXCHANGER</b> , 5 year warranty on parts & 1 year reasonable labor	<b>25 YEAR HEAT EXCHANGER</b> , 5 year warranty on parts & 1 year reasonable labor	<b>15 YEAR HEAT EXCHANGER</b> , 5 year warranty on parts & 1 year reasonable labor	<b>25 YEAR HEAT EXCHANGER</b> , 5 year warranty on parts & 1 year reasonable labor
Ultra Low NOx	Yes				
Quick Connect	Yes				
Remote Included	No	Yes	No	Yes	No
Min/Max Flow rate	0.4 GPM / 11.1 GPM	0.5 GPM / 11.1 GPM	0.4 GPM / 9.8 GPM	0.5 GPM / 9.2 GPM	0.4 GPM / 7.1 GPM
Wifi Compatible	Yes				
Bluetooth® Compatible	Yes	No	Yes	No	Yes
High Altitude Approved	Up to 10,200 ft.	Up to 10,000 ft.	Up to 10,200 ft.	Up to 10,000 ft.	Up to 10,200 ft.
Mobile Home Approved	Yes (OD or DV Install Only)				
PVC	2" or 3" or 4"	2" or 3"	2" or 3" or 4"	2" or 3"	2" or 3" or 4"
Energy Star	Yes				
Pump Kit Compatible	Yes	No	Yes	No	Yes
Venting	2" / 3" PVC Vent 2" Flex Pipe		2" / 3" PVC Vent 2" Flex Pipe		

## Vent Type

DV - Direct Vent  
SV - Single Vent  
DVC - Direct Vent Concentric  
OD - Outdoor

## Versatile Venting

See page 14

## Approvals

Residential



# High Efficiency (Condensing)

NRC								
	Model	NRC111DV	NRC111OD	NRC98DV	NRC98OD	NRC711-DV	NRC711-OD	NRC661A-DV
GQ Reference Number	GQ-C3257WX-FF US	GQ-C3257WX US	GQ-C2857WS-FF US	GQ-C2857WS US	N/A	N/A	N/A	N/A
Vent Type	DV	OD	DV	OD	DV	OD	DV	OD
SV Conversion	Yes	N/A	Yes	N/A	Yes	N/A	Yes	N/A
Dimensions (Inches)	24.2" x 18.3" x 9.4"	24.2" x 18.3" x 9.4"	24.2" x 18.3" x 9.4"	24.2" x 18.3" x 9.4"	23.6" x 13.8" x 6.7"	20.5" x 13.8" x 6.7"	23.6" x 13.8" x 6.7"	23.6" x 13.8" x 6.7"
Weight (lbs)	68 lbs.	66 lbs.	58 lbs.	57 lbs.	41 lbs.	40 lbs.	39 lbs.	36 lbs.
Min./Max. BTUh	16,000-199,900	16,000-199,900	16,000 - 180,000	16,000 - 180,000	15,000 - 157,000	15,000 - 157,000	15,000-120,000	15,000-120,000
UEF	0.91	0.91	0.91	0.92	0.89	0.89	0.89	0.89
Max. Hot Water Capacity	30°F Rise: 11.1 GPM		30°F Rise: 9.8 GPM	30°F Rise: 9.8 GPM	30°F Rise: 7.1 GPM	30°F Rise: 7.1 GPM	30°F Rise: 6.6 GPM	30°F Rise: 6.6 GPM
Water Inlet	3/4"							
Hot Water Outlet	3/4"							
Gas Inlet (1/2 in. capable)	3/4" (1/2 in. up to 40 ft.)		3/4" (1/2 in. up to 50ft)		3/4" (1/2 in. up to 70ft)		1/2" (1/2 in. up to 100 ft)	1/2" (1/2 in. up to 100 ft)
Temp. Settings	100-140°F (In 5° intervals)			115-140°F (In 5° Intervals)				
Default Temp. Option	120, 125, 130, 140°F				120, 130, 135, 140°F		120, 130, 135, 140°F	120, 130, 135, 140°F
Warranty	12 year warranty on heat exchanger, 5 year warranty on parts & 1 year reasonable labor (Residential Installs)							
Ultra Low NOx	Yes							
Quick Connect	Yes				No			
Remote Included	Yes				Digital Display			
Min/Max Flow rate	0.5 GPM / 11.1 GPM		0.5 GPM / 9.8 GPM		0.5 GPM / 7.1 GPM	0.5 GPM / 7.1 GPM	0.5 GPM / 6.6 GPM	0.5 GPM / 6.6 GPM
Wifi Compatible	Yes							
High Altitude Approved	Up to 8,000 ft.							
Mobile Home Approved	Yes (OD or DV Install Only)							
PVC	3" or 4"	No	3" or 4"	No	3"	No	3"	No
Energy Star	Yes							
Pump Kit Compatible	Yes				No			
Venting	3" / 4" PVC Vent	N/A	3" / 4" PVC Vent	N/A	3" PVC Vent	N/A	3" PVC Vent	N/A

# Mid Efficiency (Non Condensing)

NR							
	Model	NR98DVC	NR98SV	NR980D	NR83DVC	NR830D	NR662-OD
GQ Reference Number	GQ-2857WX-FFA US	GQ-2857WX-F US	GQ-2857WX US	GQ-2457WS-FFA US	GQ-2457WS US	N/A	N/A
Vent Type	DVC	SV	OD	DVC	OD	OD	OD
SV Conversion	N/A						
Dimensions (Inches)	23.6" x 13.8" x 9.4"	23.6" x 13.8" x 9.4"	23.6" x 13.8" x 9.4"	23.6" x 13.8" x 9.4"	23.6" x 13.8" x 9.4"	20.5" x 13.8" x 6.7"	20.5" x 13.8" x 6.7"
Weight (lbs)	58 lbs.	54 lbs.		49 lbs.	45 lbs.	35 lbs.	32 lbs.
Min./Max. BTUh	16,000 - 199,900			18,000 - 180,000		15,000-140,000	15,000-120,000
UEF	0.82						
Max. Hot Water Capacity	30 °F Rise: 9.8 GPM			30 °F Rise: 8.3 GPM		30 °F Rise: 6.6 GPM	30 °F Rise: 5.0 GPM
Water Inlet	3/4"						
Hot Water Outlet	3/4"						
Gas Inlet (1/2 in. capable)	3/4" (1/2" up to 40ft)			3/4" (1/2" up to 50ft)		3/4" (1/2" up to 80ft)	1/2" (1/2" up to 100ft)
Temp. Settings	100-140 °F (In 5° Intervals)			115-140 °F (In 5° Intervals)			
Default Temp. Option	120, 125, 130, 140 °F					120, 130, 135, 140 °F	
Warranty	12 year warranty on heat exchanger, 5 year warranty on parts & 1 year reasonable labor* (Residential Installs)						
Ultra Low NOx	Yes						
Quick Connect	Yes					No	No
Remote Included	Yes					Digital Display	
Min/Max Flow rate	0.5 GPM / 9.8 GPM			0.5 GPM / 8.3 GPM		0.5 GPM / 6.6 GPM	0.5 GPM / 5.0 GPM
Wifi Compatible	Yes						
High Altitude Approved	Up to 8,000 ft.						
Mobile Home Approved	Yes	No	Yes				
PVC	No						
Energy Star	No						
Bundle Kit	Yes	No		Yes	No		No
Pump Kit Compatible	Yes					No	

## Commercial Models

<b>NC NCC</b>	<b>Condensing</b>			<b>Non-Condensing</b>		
	<b>Model</b>	<b>NCC3000D</b>	<b>NCC300DV</b>	<b>NCC199CDV</b>	<b>NC380SV</b>	<b>NC199DVC</b>
<b>GQ Reference Number</b>	GQ-C5032WZ US	GQ-C5032WZ-FF US	GQ-C3260WZ-FF US	N/A	GQ-2857WZ-FFA US	GQ-2857WZ US
<b>SV Conversion</b>	N/A	Yes	Yes	No	N/A	N/A
<b>Vent Type</b>	OD	DV	DV (SV, OD Optional)	SV	DVC	OD
<b>Dimensions (Inches)</b>	32.7" x 18.9" x 14.2"	32.7" x 18.9" x 14.2"	27.0" x 18.5" x 14.1"	29.7" x 19.1" x 11.8"	23.6" x 13.8" x 11.0"	23.6" x 13.8" x 9.4"
<b>Weight (lbs)</b>	108 lbs.		70 lbs.	106 lbs.	58 lbs.	54 lbs.
<b>Min./Max. BTUH</b>	15,000 - 300,000**		18,000 - 199,900	22,500 - 380,000**	16,000 - 199,900	
<b>Thermal Efficiency / UEF</b>	97%		0.96 UEF	NG: 80% LP: 81%	0.82 UEF	
<b>Max. Hot Water Capacity</b>	35°F Rise: 13.2 GPM		35°F Rise: 11.1 GPM	35°F Rise: 13.2 GPM	35°F Rise: 9.8 GPM	
<b>Water Inlet</b>	1"		3/4"	1"	3/4"	3/4"
<b>Hot Water Outlet</b>	1"		3/4"	1"	3/4"	3/4"
<b>Gas Inlet (1/2 in. capable)</b>	3/4"		3/4"	3/4"	3/4"	3/4"
<b>Temp. Settings</b>	100-150°F (In 5°F Intervals), 160, 170, 185°F			100-150°F (In 5°F Intervals), 160, 170, 180°F	100-150°F (In 5°F Intervals), 160, 170, 185°F	
<b>Default Temp. Option</b>	120, 130, 140, 185°F			120, 130, 140, 180°F	120, 130, 140, 185°F	
<b>Warranty</b>	5 year warranty on heat exchanger, 5-year warranty on parts & 1-year reasonable labor*		<b>10 year warranty on heat exchanger</b> , 5 year warranty on parts & 1 year reasonable labor*	5 year warranty on heat exchanger, 5 year warranty on parts & 1 year reasonable labor*		
<b>Ultra Low NOx</b>	Yes			No	Yes	
<b>Quick Connect</b>				Yes		
<b>Remote Included</b>				Yes		
<b>Min/Max Flow rate</b>	0.5 GPM / 13.2 GPM		0.5 GPM / 11.1 GPM	0.7 GPM / 13.2 GPM	0.5 GPM / 9.8 GPM	
<b>High Altitude Approved</b>	Up to 4,500 ft.		Up to 10,000 ft.	Up to 8,000 ft.		
<b>Wifi Compatible</b>				Yes		
<b>Common Vent Capable</b>	No		Up to 6 Units	No		
<b>Commercial Energy Star</b>	Yes		No			
<b>PVC</b>	No	Yes		No		
<b>ASME</b>	No***		No	Yes	No	

### Approvals Commercial



Add "-NG" or "-LP" to the end of the model number to specify gas type.

\*Refer to our warranty terms & conditions for more details.

\*\*Disclaimer: For units with more output than 200,000 BTUH, please check with your local boiler inspector to verify if ASME is required in your state.

\*\*\*Only available for installation in the following states: California, Minnesota, and Wisconsin. Please check your local codes for details.

# Temperature Rise

Temp Rise (F°)	Commercial				Residential														
	Condensing		Non-Condensing		Condensing											Non-Condensing			
	NCC300	NCC199CDV	NC380	NC199	EZ111	EZ111 Pro	NRCR111	NRC111	EZ71 Pro	EZ98	EZ98 Pro	NRC98	NRCR92	NRC711	NRC663 NRC663-FSV	NR98	NR83	NR662	NR501
30	13.2	11.1	13.2	9.8	11.1	11.1	11.1	11.1	9.0	9.8	9.8	9.8	9.2	7.1	6.6	9.8	8.3	6.6	5.0
35	13.2	11.1	13.2	9.6	11.1	11.1	11.1	10.9	8.4	9.8	9.8	9.6	9.2	7.1	6.4	9.6	8.3	6.6	5.0
40	13.2	9.8	13.2	8.4	9.8	9.8	9.7	9.3	7.7	8.6	8.6	8.4	8	7.1	5.5	8.4	7.6	5.8	5.0
45	12.4	8.7	13.2	7.5	8.7	8.7	8.6	8.4	6.9	7.6	7.6	7.4	7.1	6.5	4.9	7.5	6.7	5.3	4.2
50	11.6	7.8	12.2	6.7	7.8	7.8	7.8	7.4	6.2	6.9	6.9	6.7	6.4	5.8	4.4	6.7	6.1	4.6	3.9
55	10.6	7.1	11.1	6.1	7.1	7.1	7.1	6.9	5.7	6.3	6.3	6.1	5.8	5.3	4.1	6.1	5.5	4.3	3.7
60	9.7	6.5	10.1	5.6	6.5	6.5	6.5	6.2	5.2	5.7	5.7	5.6	5.3	4.9	3.7	5.6	5.0	3.8	3.3
65	9.0	6.0	9.4	5.2	6.0	6.0	6	5.8	4.8	5.3	5.3	5.2	4.9	4.5	3.4	5.2	4.7	3.6	3.1
70	8.3	5.6	8.7	4.8	5.6	5.6	5.5	5.3	4.4	4.9	4.9	4.8	4.6	4.2	3.2	4.8	4.3	3.3	2.8
75	7.8	5.2	8.1	4.5	5.2	5.2	5.2	5.1	4	4.6	4.6	4.5	4.3	3.9	3.0	4.5	4.0	3.1	2.7
80	7.3	4.9	7.6	4.2	4.9	4.9	4.8	4.6	3.9	4.4	4.4	4.2	4	3.7	2.8	4.2	3.8	2.9	2.5
85	6.8	4.6	7.2	4.0	4.6	4.6	4.6	4.5	3.6	4.1	4.1	3.9	3.8	3.4	2.6	4.0	3.6	2.8	2.4
90	6.5	4.4	6.8	3.7	4.4	4.4	4.3	4.1	3.4	3.8	3.8	3.7	3.6	3.2	2.5	3.7	3.4	2.6	2.2
95	6.1	4.1	6.4	3.5	4.1	4.1	4.1	4.0	3.2	3.6	3.6	3.5	3.4	3.1	2.3	3.5	3.2	2.5	2.1
100	5.8	3.9	6.1	3.4	3.9	3.9	3.9	3.7	3.1	3.4	3.4	3.4	3.2	2.9	2.2	3.4	3.0	2.3	2.0

## Temperature Rise - Combi Boilers

Temp Rise (F°)	Boilers	
	NRCB199	NRCB180
30	11.1	9.8
35	10.8	9.8
40	9.5	8.5
45	8.4	7.5
50	7.6	6.8
55	6.9	6.2
60	6.3	5.7
65	5.8	5.3
70	5.4	4.9
75	5.0	4.6
80	4.7	4.3
85	4.4	4.0
90	4.2	3.8
95	4.0	3.6
100	3.8	3.4

## Sizing Chart

Model	Summer Water Supply (70°f)		Winter Water Supply (45°f)	
	NC380	 5.3 Showers At 13.2 GPM	 4.2 Showers At 10.4 GPM	
NCC300	 5.3 Showers At 13.2 GPM	 3.5 Showers At 8.75 GPM		
NRCR111, NRC111, NCC199, EZ111, EZ111 Pro, NRCB199	 4.1 Showers At 10.6 GPM	 2.5 Showers At 6.2 GPM		
NRC98, NR98, NC199, EZ98, EZ98 Pro, NRCB180	 3.7 Showers At 9.2 GPM	 2.2 Showers At 5.6 GPM		
EZ71 Pro, NR83, NRCR92	 3.3 Showers At 8.1 GPM	 2.0 Showers At 5.0 GPM		
NRC711	 3.1 Showers At 7.8 GPM	 2.0 Showers At 4.8 GPM		
NR662, EZTR40	 2.6 Showers At 6.6 GPM	 1.5 Showers At 3.8 GPM		
NR501	 2.0 Showers At 5.0 GPM	 1 Shower At 3.3 GPM		

Venting Type	Residential Models												Commercial Models				
	NR83	NR98		NRC661A	NRC711	NRC98	NRC111	EZTR40	EZ98	EZ98 Pro	NRCB	NRCR	NCC199	NC199	NCC300	NC380	
	DVC	DVC	SV	DV	DV	DV	DV	SVF	DV	DV	DV	DV	CDV	DVC	DV	SV	
4" CAT III Vent			✓														
5" CAT III Vent																✓	✓
Concentric SS Vent	✓	✓												✓			
2" Flex Pipe								✓	✓	✓		✓					
2" PVC Vent									✓	✓	✓	✓	✓				
3" PVC Vent				✓	✓	✓	✓		✓	✓	✓	✓	✓				
4" PVC Vent						✓	✓			✓					✓		

### Length (Including fittings)

Pipe Size	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	125'
	3m	6m	9m	12m	15m	18m	21m	24m	27m	30m	38m
<b>3/4"</b>	360	247	199	170	151	137	126	117	110	104	92
<b>1"</b>	678	466	374	320	284	257	237	220	207	195	173
<b>1 1/4"</b>	1,390	957	768	657	583	528	486	452	424	400	355
<b>1 1/2"</b>	2,090	1,430	1,150	985	873	791	728	677	635	600	532
<b>2"</b>	4,020	2,760	2,220	1,900	1,680	1,520	1,400	1,300	1,220	1,160	1,020
<b>2 1/2"</b>	6,400	4,400	3,530	3,020	2,680	2,430	2,230	2,080	1,950	1,840	1,630
<b>3"</b>	11,300	7,780	6,250	5,350	4,740	4,290	3,950	3,670	3,450	3,260	2,890
<b>4"</b>	23,100	15,900	12,700	10,900	9,660	8,760	8,050	7,490	7,030	6,640	5,890

**Table 1**

For less than 8" WC initial supply pressure

Maximum natural gas delivery capacity (0.5" Pressure Drop) [Schedule 40 Metallic Pipe]

Values in Table are in Cubic Feet of Gas per Hour (0.60 Specific Gravity, 0.5" Pressure Drop, inlet pressure less than 2 psi). Contact your gas supplier for BTU/Cubic Foot ratings. For simplification of your calculations, 1 Cubic Foot of Gas is approximately equivalent to 1000 BTU.

### Length (Including fittings)

Pipe Size	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	125'
	3m	6m	9m	12m	15m	18m	21m	24m	27m	30m	38m
<b>1/2"</b>	454	312	250	214	190	172	158	147	138	131	116
<b>3/4"</b>	949	652	524	448	397	360	331	308	289	273	242
<b>1"</b>	1,787	1,228	986	844	748	678	624	580	544	514	456
<b>1 1/4"</b>	3,669	2,552	2,025	1,733	1,536	1,392	1,280	1,191	1,118	1,056	936
<b>1 1/2"</b>	5,497	3,778	3,034	2,597	2,302	2,085	1,919	1,785	1,675	1,582	1,402
<b>2"</b>	10,588	7,277	5,844	5,001	4,433	4,016	3,695	3,437	3,225	3,046	2,700
<b>2 1/2"</b>	16,875	11,598	9,314	7,971	7,065	6,401	5,889	5,479	5,150	4,856	4,303
<b>3"</b>	29,832	20,503	16,465	14,092	12,489	11,316	10,411	9,865	9,087	8,584	7,608
<b>4"</b>	43,678	30,020	24,107	20,632	18,286	16,569	15,243	14,181	13,305	12,568	11,139

**Table 2**

For 8" WC - 10.5" WC initial supply pressure

Maximum natural gas delivery capacity (3.0" Pressure Drop)

Values in Table are in Cubic Feet of Gas per Hour (0.60 Specific Gravity, 3.0" Pressure Drop, 8.0" WC or greater supply pressure, inlet pressure less than 2 psi). Contact your gas supplier for BTU / Cubic Foot ratings. For simplification of your calculations, 1 Cubic Foot of Gas is approximately equivalent to 1000 BTU

### Length (Including fittings)

Pipe Size	10'	20'	30'	40'	50'	60'	80'	100'	125'	150'	175'	200'
	3m	6m	9m	12m	15m	18m	24m	30m	38m	45m	53m	60m
<b>1/2"</b>	291	200	160	137	122	110	101	94	89	84	74	67
<b>3/4"</b>	608	418	336	287	255	231	212	197	185	175	155	140
<b>1"</b>	1,150	787	632	541	480	434	400	372	349	330	292	265
<b>1 1/4"</b>	2,350	1,620	1,300	1,110	985	892	821	763	716	677	600	543
<b>1 1/2"</b>	3,520	2,420	1,940	1,660	1,480	1,340	1,230	1,140	1,070	1,010	899	814
<b>2"</b>	6,790	4,660	3,750	3,210	2,840	2,570	2,370	2,200	2,070	1,950	1,730	1,570

**Table 3**

Maximum Undiluted Propane (LP) Delivery Capacity in Thousands of BTUh (0.5" WC Pressure Drop) [Schedule 40 Metallic Pipe]

For reference only. Please consult gas pipe manufacturer for actual pipe capacities.

# Accessory Compatibility Chart

Accessories	Part #	Residential Models																				Commercial Models								
		EZ Series (GQ60)		EZ Series Pro		NR501	NR662	NR83		NR98			NRC661A		NRC711		NRC98		NRC111		NRCR	NRCB	EZTR40	NCC300		NCC199 (GQ60)		NC199		NC380
		DV	OD	DV	OD	DVC	OD	DVC	SV	OD	DV	OD	DV	OD	DV	OD	DV	OD	DV	DV	SVF	DV	OD	CDV	DVC	OD	SD			
RC Outdoor Junction Box	0700757	✓	✓	✓	✓					✓		✓		✓		✓		✓		✓				✓	✓		✓	✓		
Building Management System	BMS1-5C-401-6M																							✓	✓	✓	✓	✓		
Crossover Valve Bypass Kit	CSV-BPK																				✓									
Crossover Valve	cCS-V																			✓										
EZTR Optional Diffuser Kit	EZ2-DK	✓	✓																	✓		✓								
Replacement Cartridge for SS-HB-3	HBC-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Lead-Free Isolation Valve Kit	IK-WV-200-3-SW-LF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓		
	IK-WV-200-3-TH-LF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓		
	IK-WV-300-1-SW-LF																													
IK-WV-300-1-TH-LF																												✓		
Manifold Kit	MK-NRCB-1																				✓									
Multi-Rack System	MR-2							✓	✓	✓							✓	✓	✓	✓				✓	✓	✓	✓	✓		
Condensate Neutralizer Kit	NC-1W	✓	✓								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	NT20A																							✓	✓	✓				
Wireless Adapter	NWC-ADAPTER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		
Pipe Cover	PC-1S			✓	✓						✓		✓																	
	PC-2S							✓			✓																			
	PC-2S-GRY																										✓			
	PC-3S																✓		✓											
	PC-4S-SUS																											✓		
	PC-5S							✓			✓																			
	PC-5S-GRY																										✓			
	PC-7S																									✓				
PC-10S	✓																				✓				✓					
Universal Concentric Vent Termination Kit	PVC-UCVK	✓	✓																		✓	✓			✓					
2" PVC Concentric Termination	PVC-2CT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
3" PVC Concentric Termination	PVC-3CT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Low Profile Vent (2")	PVC-2LPT	✓	✓																		✓	✓			✓					
Low Profile Vent (3")	PVC-3LPT	✓	✓																		✓	✓			✓					
Quick Connect Cable <sup>2</sup>	QC-1																											✓		
	QC-2	✓	✓			✓	✓	✓	✓	✓							✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
Remote Controller	QMEI007																											✓ <sup>1,3</sup>		
	RB-510			✓	✓												✓		✓											
Recess Box	RB-700-1							✓			✓																	✓		
	RB-900-1																													
	RC-7651M	✓ <sup>1,3</sup>	✓ <sup>1,3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>1,3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>1,3</sup>	✓ <sup>3</sup>																		
Remote Controller	RC-9018M																								✓ <sup>1,3</sup>	✓ <sup>1,3</sup>	✓ <sup>1,3</sup>	✓ <sup>1,3</sup>		
	RC-CORD10	✓ <sup>1</sup>	✓ <sup>1</sup>	✓	✓		✓ <sup>1</sup>		✓ <sup>1</sup>	✓ <sup>1</sup>	✓	✓	✓	✓	✓ <sup>1</sup>		✓	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>								
Remote Controller Cord	RC-CORD26	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	SC-401-6M-EXT																										✓ <sup>4</sup>	✓ <sup>4</sup>		
System Controller	SCU-401-24M																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
	SCU-401-12M																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
	SC-401-6M																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
	SC-401-6M-WIFI																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
	SCU-401-12M-WIFI																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
	SCU-401-24M-WIFI																								✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		
Service Kits	SPK-EZ3	✓																			✓						✓			
	SPK-EZ4		✓																											
	SPK-NRCB2																					✓								
Scale Shield Water Treatment	SS-HB-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2" SV Conversion Kit	SV-CK-2-1	✓ <sup>3</sup>	✓ <sup>3</sup>																		✓ <sup>3</sup>	✓ <sup>3</sup>					✓ <sup>3</sup>			
3" SV Conversion Kit	SV-CK-3-1											✓ <sup>3</sup>		✓ <sup>3</sup>		✓ <sup>3</sup>		✓ <sup>3</sup>												
4" DV to SV Conversion Kit	SV-CK-4																								✓ <sup>3</sup>					
Outdoor Vent Cap	VC-6-1	✓	✓																											
Wireless Push Button Kit	WLB																					✓								
Motion Sensor	WLB-MS																										✓ <sup>3</sup>			
Extra Transmitter for WLB	WLB-ET																										✓ <sup>3</sup>			

All Noritz accessories are engineered for use with Noritz Tankless Heaters

## DSCL-KIT

Noritz Descale Kit



Model Number	Qty	Description
DSCL-KIT	1	Noritz Descale Kit includes: - 5 gal. bucket w/ lid (qty 1) - Submersible pump (qty 1) - 5 ft. hoses (qty 2)

## MR-2

Commercial Multi-Rack System



Model Number	Qty	Description
MR-2	1	Commercial multi-rack system <sup>1</sup>

<sup>1</sup>Fits 2 heaters, front and back  
Refer to page 28 for complete accessories compatibility chart.

## NC-1W / NT20A

Condensate Neutralizer Kit



Model Number	Qty	Description
NC-1W	1	Residential condensate neutralizer kit for NRC111, NRC98, NRC711, NRC661A, EZTR40, EZ71 Pro, EZ98, EZ98 Pro, EZ111, EZ111 Pro, NRCB, and NRRC
NT20A	1	Commercial condensate neutralizer kit for NC199, NCC199CDV, and NCC300 series



## IK-WV

Isolator Valve Kit

Model Number	Qty	Description
IK-WV-200-3-SW-LF	1	Lead free 3/4" sweat iso valve kit w/ male 500K BTU/h pressure relief valve
IK-WV-200-3-TH-LF	1	Lead free 3/4" threaded iso valve kit w/ male 500K BTU/h pressure relief valve
IK-WV-300-1-SW-LF	1	Lead free 1" sweat iso valve kit with male 500K BTU/h Pressure Relief Valve for NC380 & NCC300
IK-WV-300-1-TH-LF	1	Lead Free 1" threaded iso valve kit with male 500K BTU/h; Pressure Relief Valve for NC380 & NCC300

## MK-NRCB-1

Manifold Kit



Model Number	Qty	Description
MK-NRCB-1	1	Manifold kit for NRCB model

## NWC-ADAPTER

Wireless Adapter



Model Number	Qty	Description
NWC-ADAPTER	1	Wireless adapter (NAW-1 US) for current tankless models

\*Not compatible with NRCB models.  
Refer to page 29 for complete accessories compatibility chart.

## Accessories

### PC-#

Pipe Cover



Model Number	Qty	Description
<b>PC-1S</b>	1	Pipe Cover (NRC661A, NRC711, NR501, NR662)
<b>PC-2S</b>	1	Pipe Cover (NR98SV/OD, NR83OD)
<b>PC-2S-GRY</b>	1	Stone gray pipe cover for NC1990D
<b>PC-3S</b>	1	Pipe cover (NRC98DV/OD & NRC111DV/OD)
<b>PC-4S-SUS</b>	1	Stainless Steel PC for NC380SV
<b>PC-5S</b>	1	Pipe cover for NR98DVC & NR83DVC
<b>PC-5S-GRY</b>	1	Stone gray pipe cover for NC199DVD
<b>PC-7S</b>	1	Pipe cover for NCC300 OD/DV
<b>PC-10S</b>	1	Pipe cover for NRCR, EZ Series (GQ60 Models), and NCC199CDV (GQ60 Model)
<b>PC-11S</b> Coming Soon	1	Pipe cover for NRCR Pro / NCC199CDV Pro models

### RC-#

Remote Controller



Model Number	Qty	Description
<b>RC-7651M</b>	1	Remote controller (all residential models)
<b>RC-9018M</b>	1	Commercial remote controller (Excluding NC380) / NRCR controller (For timer control)

### RC-CORD#

Remote Controller Cord



Model Number	Qty	Description
<b>RC-CORD10</b>	1	10 feet in length
<b>RC-CORD26</b>	1	26 feet in length

### QC-#

Quick Connect Cable



Model Number	Qty	Description
<b>QC-1</b>	1	Quick connect cable for NC380 <sup>1</sup>
<b>QC-2</b>	1	Quick connect cable (NR83, NR98, NRC111, NRC98, NCC199, NC199, EZ98, EZ111, NCC300, NRCR) <sup>1</sup>

<sup>1</sup>Up to 2 units only

### RB-#

Recess Box



Model Number	Qty	Description
<b>RB-510</b>	1	Recess box for NRC661A, NR501, NR662, NRC711
<b>RB-700-1</b>	1	Recess box for NR98 and NR83
<b>RB-900-1</b>	1	Recess box for NRC111 and NRC98

### RPK-EXT

External Recirculation Pump



Model Number	Qty	Description
<b>RPK-EXT*</b>	1	External recirculation pump kit with remote <sup>2</sup> (Condensing / Non-Condensing) <sup>1</sup>

<sup>1</sup>Applicable Models (both LP and NG):

NR83, NR98, NR98, NRC98, NRC111, EZ71 Pro, EZ98, EZ98 Pro, EZ111, EZ111 Pro, EZTR50, EZTR75, NCC199

**Outdoor Models:**

NR83OD, NR98OD, NRC98OD, NRC111OD, EZ98DV/ EZ111DV (with Outdoor Vent Cap)

<sup>2</sup> Includes Commercial Remote for daily pump scheduling

**\* RPK-EXT must be installed INDOORS ONLY**

**SC-#**

System Controller



Model Number	Qty	Description
SC-401-6M	1	System controller for up to 6 units for the NCC199, NCC300 & NC380 series
SCU-401-12M	1	System controller for up to 12 units for the NCC199, NCC300 & NC380 series
SCU-401-24M	1	System controller for up to 24 units for the NCC199, NCC300, & NC380 series
SC-401-6M-EXT	1	System controller for up to 6 units for the NC199

**SPK-EZ3**

Service kit for GQ60 EZ/NRCR/CDV models



Model Number	Qty	Description
SPK-EZ3	1	Service and parts kit for EZ / NRCR / CDV models.

**SPK-#**

Service Kits



Model Number	Qty	Description
SPK-1	1	Service parts kit starter
SPK-3	1	Service kit for low NOx 120 kbtu - 157 kbtu models
SPK-4	1	Service kit for low NOx - 180 kbtu - 199 kbtu models
SPK-5	1	Service kit for larger 2nd generation 194 kbtu - 380 kbtu models
SPK-6	1	Service kit for smaller 2nd/3rd generation under 199 kbtu models
SPK-7	1	Service kit for larger 3rd generation 199 kbtu - 250 kbtu models

**WLB-ET**

Extra Transmitter for WLB for NRCR

1 x Transmitter



Model Number	Qty	Description
WLB-ET	1	Additional transmitter for WLB on-demand button kit. (WLB Required; Sold Separately)

**SS**

Scale Shield Water Treatment



Model Number	Qty	Description
SS-HB-3	1	Water treatment for all residential models and combi models w/ 1 unit
HBC-3	1	Replacement cartridge for SS-HB-3

**SPK-NRCB2**

Service kit for NRCB models



Model Number	Qty	Description
SPK-NRCB2	1	Service and parts kit for NRCB combination boiler models.

**WLB**

Wireless On-Demand Button kit for the NRCR



Model Number	Qty	Description
WLB	1	Wireless Push Button Kit. (Includes 1 receiver and 2 transmitters)

**WLB-MS**

Wireless Motion Sensor for NRCR

1 x Wireless Motion Sensor



Model Number	Qty	Description
WLB-MS	1	Wireless Motion Sensor (WLB Required; Sold Separately)

# PVC Vent Accessories

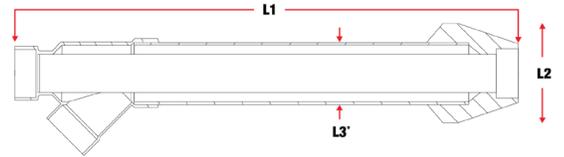


## PVC-#CT

PVC Concentric Horizontal Termination Kit

Model Number	Qty	Description	L1	L2	L3
PVC-2CT	1	2" PVC Concentric Termination	41"	7.38"	3.5"
PVC-3CT	1	3" PVC Concentric Termination	48"	8.75"	4.5"

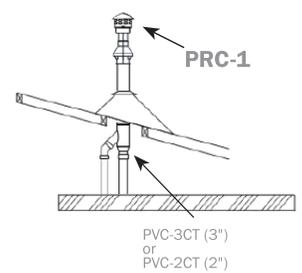
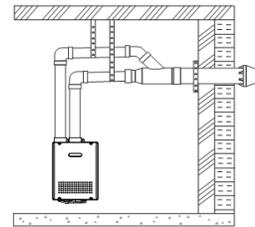
Note:  
For 4", use IPEX #196021



\*Installation cutout should be at least 1/2" larger than dimension L3

DIAGRAM:  
Horizontal Configuration

DIAGRAM:  
Vertical Configuration



## PVC-UCVK

Universal Concentric Vent Termination Kit

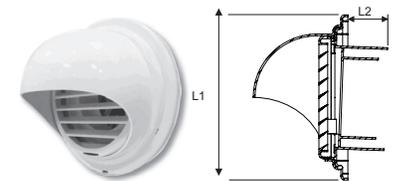
Model Number	Qty	Description	L1	L2	L3
PVC-UCVK	1	Universal Concentric Vent Termination Kit	31"	20"	4.5"



## PVC-#LPT

Low Profile Vent

Model Number	Qty	Description	L1	L2
PVC-2LPT	1	Low Profile Vent (2")	2.37"	2.37"
PVC-3LPT	1	Low Profile Vent (3")	3.50"	3.38"



## PVT-HL

Plastic Horizontal Termination

Model Number	Qty	Description	L1	L2
PVT-HL <sup>2</sup>	6	2" PVC <sup>2</sup>	7.5"	2.0"
PVT-HL <sup>1</sup>	6	3" PVC	7.5"	2.0"
PVT-HL <sup>1</sup>	6	4" PVC	7.5"	2.0"

<sup>1</sup> Not approved for Canada

<sup>2</sup> When using on 2" PVC, must use a 2" reducer

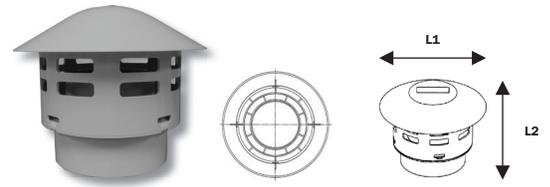
## PVC Vent Accessories



### CR#-PVC

Cosmetic Ring

Model Number	Qty	Description
CR3-PVC	1	3" Cosmetic ring for PVC
CR4-PVC	1	4" Cosmetic ring for PVC



### PRC-1

Plastic Rain Cap

Model Number	Qty	Description	L1	L2
PRC-1 <sup>2</sup>	1	2" (EZ71 Pro, EZ98/EZ98 Pro, EZ111/EZ111 Pro, NCC199CDV)	7.7"	6.2"
PRC-1 <sup>1</sup>	1	3" (For NRC111, NCC199, NRC98, NRC71, NRC661A, NRCB, & NCC199CDV)	7.7"	6.2"
PRC-1 <sup>1</sup>	1	4" (For NRC111, NCC199, NRC98, NCC300)	7.7"	6.2"

<sup>1</sup>Not approved for Canada

<sup>2</sup>Not approved for Canada; Needs 3"x2" bushing

### SV-CK-2-1



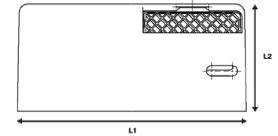
### SV-CK-3-1



### SV-CK-#-1

2" and 3" SV Conversion Kit

Model Number	Qty	Description	L1	L2
SV-CK-2-1	1	2" SV Conversion Kit	3.88"	2.37"
SV-CK-3-1	1	3" SV Conversion Kit	3.56"	3.48"
SV-CK-4	1	4" DV to SV Conversion Kit (NCC300)	2.85"	2.96"



### VC-#

Outdoor Vent Cap

Model Number	Qty	Description	L1	L2
VC-6-1 <sup>1</sup>	1	Outdoor vent cap for DV Models (EZ, EZ Series Pro, NRCR, and CDV)	10.9"	5.1"
VCK-NRCB	1	Outdoor conversion kit for DV models including NRCB boiler	10.4"	5.3"
VC-132	1	Outdoor vent cap for SV Model including NC380	18.9"	7.6"

<sup>1</sup>Not approved for Canada



### VT#-PVCS

PP or Stainless Steel Bird Screen for PVC Termination

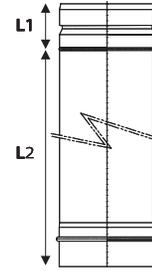
Model Number	Qty	Description	L1	L2
VT2-PVCS	1	2" Polypropylene (White)	2"	3"
VT3-PVCS	1	3" Stainless Steel	2.8"	3"
VT4-PVCS	1	4" Stainless Steel	4.5"	3"

# Single Wall Vent

## VP# - #STR

Rigid vent pipe stainless steel single-wall

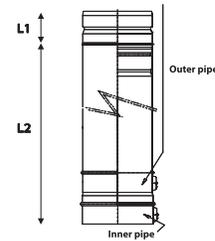
Model Number	Qty	Venting Series	L1	L2
VP4-6STR	6	4" SUS	2.1"	6"
VP4-12STR	6	4" SUS	2.1"	12"
VP4-24STR	6	4" SUS	2.1"	24"
VP4-36STR	6	4" SUS	2.1"	36"
VP4-48STR	6	4" SUS	2.1"	48"
VP5-6STR	6	5" SUS	2.7"	6"
VP5-12STR	6	5" SUS	2.7"	12"
VP5-24STR	6	5" SUS	2.7"	24"
VP5-36STR	6	5" SUS	2.7"	36"
VP5-48STR	6	5" SUS	2.7"	48"



## VP# - #ADJ

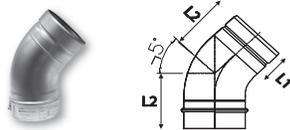
Adjustable vent pipe stainless steel single wall

Model Number	Qty	Venting Series	L1	L2
VP4-9.4ADJ	6	4" SUS	2.1"	9.4"
VP4-13.4ADJ	6	4" SUS	2.1"	13.4"
VP4-21.4ADJ	6	4" SUS	2.1"	21.4"
VP4-60ADJ	6	4" SUS	2.1"	60"
VP5-9.4ADJ	6	5" SUS	2.7"	9.4"
VP5-13.4ADJ	6	5" SUS	2.7"	13.4"
VP5-21.4ADJ	6	5" SUS	2.7"	21.4"



## VP#-45ELB

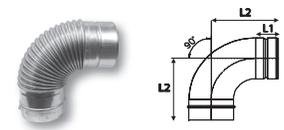
45° Vent pipe elbow stainless steel single-wall



Model Number	Qty	Description	L1	L2
VP4-45ELB	6	4" SUS	2.1"	4.0"
VP5-45ELB	6	5" SUS	2.7"	5.4"

## VP#-90ELB

90° Vent pipe elbow stainless steel single wall



Model Number	Qty	Description	L1	L2
VP4-90ELB	6	4" SUS	2.1"	6.2"
VP5-90ELB	6	5" SUS	2.7"	7.9"

## VP#-18FLEX

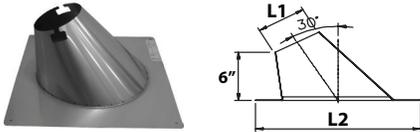
Semi-flexible vent pipe stainless steel single wall



Model Number	Qty	Description	L1	L2
VP4-18FLEX	6	4" SUS	2.1"	16.75"
VP5-18FLEX	6	5" SUS	2.1"	16.75"

4" SUS	For NR98SV
5" SUS	For NC380 Series
Concentric SUS	For DVC Series

## Single Wall Vent Accessories

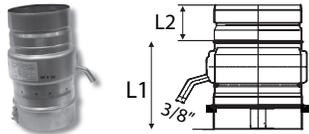


### ARF#

Angled roof flashing stainless steel single-wall

Model Number	Qty	Description	L1	L2
ADJRF34 <sup>2</sup>	1	4" <sup>1</sup>	5.7"	14.3"
ARF5	1	5" SUS	5.8"	7.8" - 14"
CARF-1	1	Concentric SUS <sup>1</sup>	5.8"	7.8" - 14"

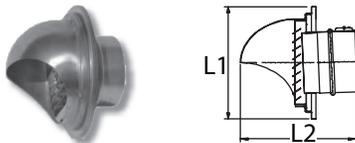
<sup>1</sup>Galvalume for ADJRF34  
<sup>2</sup>0-45 degree roof pitch



### DT#-V

Vent pipe vertical drain tee stainless steel single wall

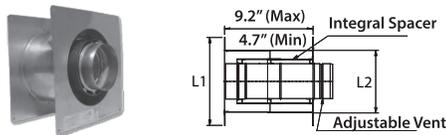
Model Number	Qty	Description	L1	L2
DT4-V	6	4" SUS	5.1"	2.1"
DT5-V	6	5" SUS	6.2"	2.1"



### VT#-SH

Vent pipe termination w/ hood stainless steel single-wall vent pipe

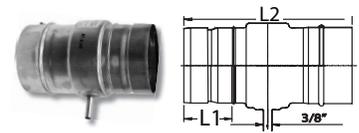
Model Number	Qty	Description	L1	L2
VT4-SH	6	4" SUS	7.4"	6.1"
VT5-SH	6	5" SUS	7.4"	6.6"



### WT#

Vent pipe wall thimble stainless steel single-wall

Model Number	Qty	Description	L1	L2
WT4	1	4" SUS	10"	7"
WT5	1	5" SUS	12.2"	10.7"



### DT#

Vent pipe horizontal drain tee stainless steel single wall

Model Number	Qty	Description	L1	L2
DT4	6	4" SUS	2.1"	7.2"
DT5	6	5" SUS	2.1"	8.0"



### SS to PVC Vent Adapters

4" Adapter

Model Number	Qty	Description
VK4-PVC2SUS	1	Convert from 4" for PVC to 4" single-wall stainless steel venting
PVC4XVP5-ADAPT	1	4" for PVC to 5" stainless steel vent adapter (NCC300)

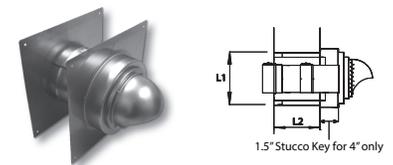


### VP4-ADAPT-1

Appliance adapter vent pipe stainless steel single-wall

Model Number	Qty	Venting Series	L1	L2
VP4-ADAPT1	6	4" SUS	1.2"	4.9"

\*Only used with non-Noritz units to use with our VP4 venting.



### WT4-H-#

Adjustable wall thimble w/ termination stainless steel single-wall vent pipe

Model Number	Qty	Description	L1	L2
WT4-H-8-1	1	4" SUS	5.8"	4.1" - 7.8"
WT4-H-14-1	1	5" SUS	5.8"	7.8" - 14"

# Single Wall Vent Accessories

## BG-DVC-#

Stainless steel bug guard



Model Number	Qty	Venting Series	Description
BG-DVC-H	1	Concentric SUS	Horizontal
BG-DVC-V	1	Concentric SUS	Vertical

Image and drawing shown: BG-DVC-V

## FP-5-OUT

Stainless steel face plates

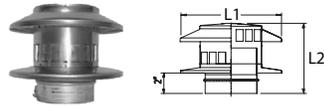


Model Number	Qty	Venting Series	L1	L2
FP-5-OUT	1	Concentric SUS	6.7"	8.7"

4" SUS	For NR98
5" SUS	For NC380 Series
Concentric SUS	For DVC Series

## RC#

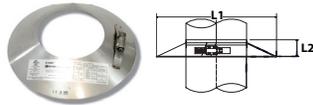
Venting Pipe Rain Cap



Model Number	Qty	Venting Series	L1	L2
RC4	6	4" SUS	7.8"	6.6"

## SCR#

Storm Collar Ring



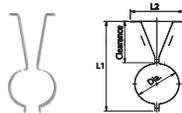
Model Number	Qty	Venting Series	L1	L2
SCR4-1	1	4"	9"	6"
CSCR-1	6	Concentric and 5" SUS	9.1"	4"

4" SUS	For NR98
5" SUS	For NC380 Series
Concentric SUS	For DVC Series

## SS5-#

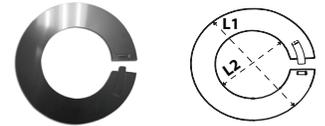
5" and concentric SUS venting series stainless steel support straps

Model Number	Qty	Clearance	L1	L2
SS5-1	5 Sets	1"	6.8"	6"
SS5-2	5 Sets	2"	7.8"	6"
SS5-4	5 Sets	4"	9.8"	6"
SS5-6	5 Sets	6"	11.8"	6"



## CR#

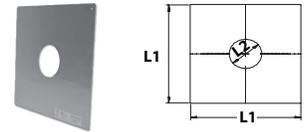
Stainless steel cosmetic ring



Model Number	Qty	Venting Series	L1	L2
CR4-SUS	1	4" SUS	7.2"	4.3"
CR5-SUS	1	Concentric and 5" SUS	9.9"	5.4"

## FS#

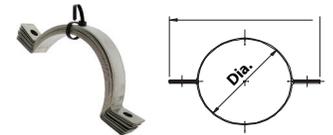
Stainless steel fire stop



Model Number	Qty	Venting Series	L1	L2
FS4	6	4" SUS	18"	4.4"
FS5	6	5" SUS	20.4"	5.4"

## SC#

Stainless steel support clamp

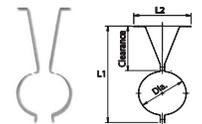


Model Number	Qty	Venting Series	Diameter
SC4	5 Sets	4" SUS	6"
SC5	5 Sets	5" SUS	7"

## SS4-#

4" SUS venting series stainless steel support straps

Model Number	Qty	Clearance	L1	L2
SS4-1	5 Sets	1"	5.7"	4.7"
SS4-2	5 Sets	2"	6.6"	4.7"
SS4-4	5 Sets	4"	8.7"	4.7"
SS4-6	5 Sets	6"	10.7"	4.7"

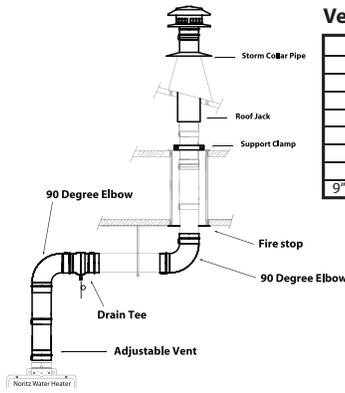


## VK4-V1

Vent Pipe Vertical Kit (Stainless steel single wall)

Model Number	Qty	Venting Series
VK4-V1	1	4" SUS

### N-Vent Vertical Vent Kit VK4-V1



#### Vertical Kit Contains:

Description	Part Number	Quantity
Drain Tee	DT4	1
90 Degree Elbow	VP4-90ELB	2
Firestop	FS4	1
Support Clamp	SC4	1
Roof Jack	RJ4	1
Storm Collar Pipe	SCP4	1
Rain Cap	RC4	1
9" - 13.4" Adjustable Vent	VP4-13.4ADJ	1



## VK4-H-#-1

Vent Pipe Horizontal Kit (Stainless steel single wall)

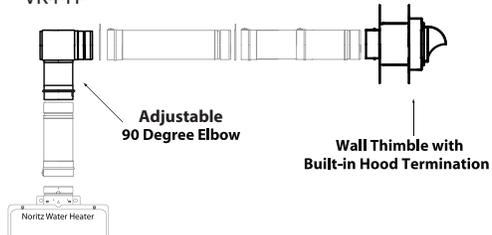
Model Number	Qty	Venting Series
VK4-H-8-1	1	4" SUS <sup>1</sup>

VK4-H-14-1	1	4" SUS <sup>2</sup>
------------	---	---------------------

1 4.1 - 7.4" Wall thickness  
2 7.4 - 14" Wall thickness

4" SUS	For NR98
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### N-Vent Horizontal Vent Kit VK4-H-\*



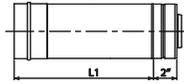
#### Horizontal Kit Contains:

Description	Part Number	Quantity
Wall Thimble with Built-in Hood Termination	WT4-H-#-1 (# Based on wall thickness)	1
Vertical Adjustment Range (7.5" - 11")	VP4-90ADJELB	1

Wall Thickness	Venting Kit Number
4.1" - 7.4"	VK4-H-8-1
7.4" - 14"	VK4-H-14-1



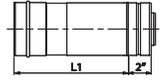
# Concentric Venting



## CVP-#STR

Rigid vent pipe stainless steel double-wall

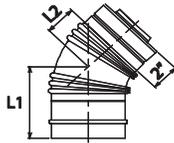
Model Number	Qty	Venting Series	L1
CVP-4STR	5 Sets	Concentric SUS	3.3"
CVP-12STR	5 Sets	Concentric SUS	11.8"
CVP-24STR	5 Sets	Concentric SUS	23.6"
CVP-36STR	5 Sets	Concentric SUS	35.4"



## CVP-#ADJ

Adjustable vent pipe stainless steel double-wall

Model Number	Qty	Venting Series	L1
CVP-11ADJ	6	Concentric SUS	8.3 - 11.2"
CVP-16ADJ	6	Concentric SUS	11 - 16.7"
CVP-40ADJ	6	Concentric SUS	22.8 - 40.6"

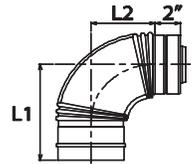


## CVP-45ELB

45° Vent pipe elbow - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CVP-45ELB <sup>1</sup>	6	Concentric SUS	5.3"	2.2"

<sup>1</sup> Non-Flexible

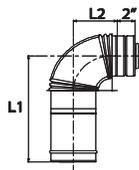


## CVP-90ELB

90° Vent pipe elbow - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CVP-90ELB <sup>1</sup>	6	Concentric SUS	8.1"	4.9"

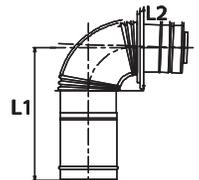
<sup>1</sup> Non-Flexible



## CVP-90ADJELB

90° Adjustable vent pipe elbow - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CVP-90ADJELB	6	Concentric SUS	12.6 - 15.8"	4.9"



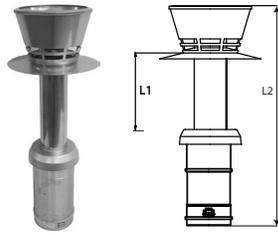
## CWF-90ELB

90° Adjustable vent pipe elbow w/ wall flange - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CWF-90ELB	6	Concentric SUS	12.6 - 15.8"	4.9"

Concentric SUS	For DVC Series
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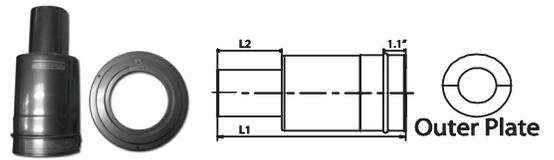
# Concentric Venting



## CRCAI-1-F

Vent pipe rain cap - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CRCAI-1-F	1	Concentric SUS	10.6"	26.5"



## CVT-S

Straight termination w/ bird screen - Stainless steel double-wall vent pipe

Model Number	Qty	Venting Series	L1	L2
CVT-S	6	Concentric SUS	11"	3.9"



## CWF-F

Vent pipe w/ wall flange - Stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CWF-F	6	Concentric SUS	2"	8.7"



## CWT-H

Builder's edition wall thimble - Galvalume double-wall vent pipe

Model Number	Qty	Venting Series	L1	L2
CWT-H	1	Concentric	Min 3.5"	1.5"



Note the venting has changed. Before installation, confirm the termination piece ordered on the table below. If a vent termination piece from the "Existing Vent Kit" column is being utilized, a CVP-ADAPT-M2M (Fig 1) adapter must be utilized. If a vent termination from the "New Vent Kit" column is utilized, no adapter is necessary.

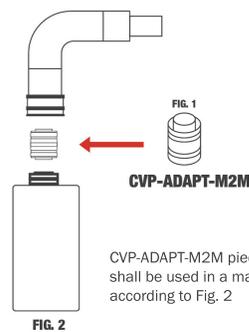
	Existing Vent Kit	New Vent Kit
Horizontal	CVK-H CVK-H2 CWF	CVK-H-F CVK-H2-F CWF-F
Vertical	CRCAI-1 CVK-V-1	CRCAI-1-F CVK-V-1-F

## CVP-ADAPT-M2M

Concentric vent pipe male to male - stainless steel double-wall

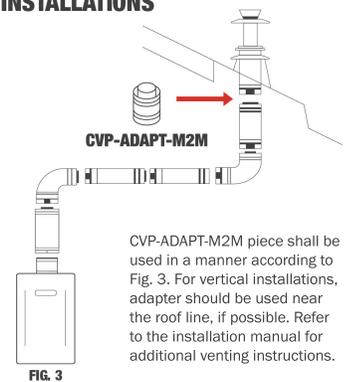
Model Number	Qty	Venting Series	L1	L2
CVP-ADAPT-M2M	1	Concentric	5"	5.5"

### HORIZONTAL INSTALLATIONS



CVP-ADAPT-M2M piece shall be used in a manner according to Fig. 2

### VERTICAL INSTALLATIONS



CVP-ADAPT-M2M piece shall be used in a manner according to Fig. 3. For vertical installations, adapter should be used near the roof line, if possible. Refer to the installation manual for additional venting instructions.



Note the venting has changed. Before installation, confirm the unit ordered on the table below. If a vent termination piece from the "Existing Unit" column is being utilized, a CVP-ADAPT-F2F (Fig 1) adapter must be utilized. If a vent termination from the "New Unit" column is utilized, no adapter is necessary.

Existing Unit	New Unit
NR83-DVC	NR83DVC (GQ-2457WS-FFA US)
NR98-DVC	NR98DVC (GQ-2857WX-FFA US)
NR981-DVC	NC199DVC (GQ-2857WZ-FFA US)
NC199-DVC	
NC1991-DVC	

## CVP-ADAPT-F2F

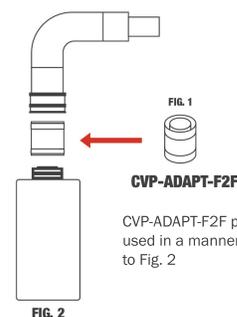
Concentric vent pipe adapter female to female - stainless steel double-wall

Model Number	Qty	Venting Series	L1	L2
CVP-ADAPT-F2F	1	Concentric	5"	7.5"

Prior heater models. Version 2 venting.

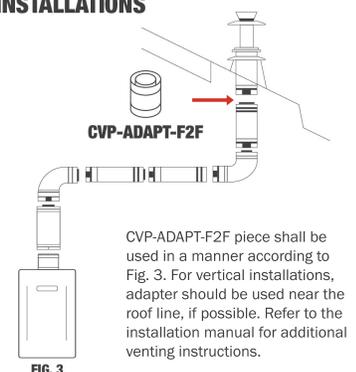
Concentric SUS	For DVC Series
----------------	----------------

### HORIZONTAL INSTALLATIONS



CVP-ADAPT-F2F piece shall be used in a manner according to Fig. 2

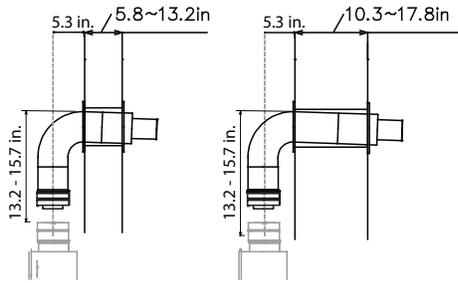
### VERTICAL INSTALLATIONS



CVP-ADAPT-F2F piece shall be used in a manner according to Fig. 3. For vertical installations, adapter should be used near the roof line, if possible. Refer to the installation manual for additional venting instructions.

# Concentric Vent Kits

## Horizontal - Kits



**Standard Wall Kit**  
Includes inner & outer plates  
**CVK-H-F**

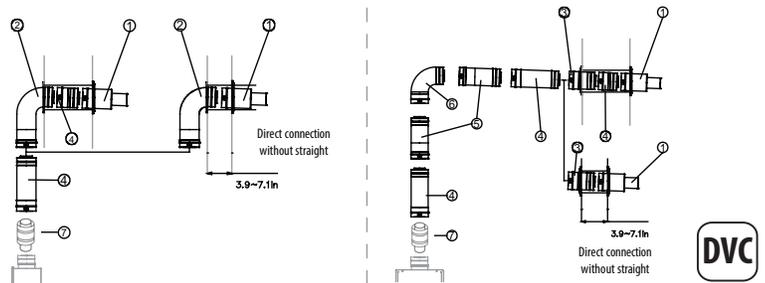
Wall Thickness Range  
From 5.8"-13.2"

**Thick Wall Kit**  
Includes inner & outer plates  
**CVK-H2-F**

Wall Thickness Range  
From 10.3"-17.8"



## Horizontal - Build your own



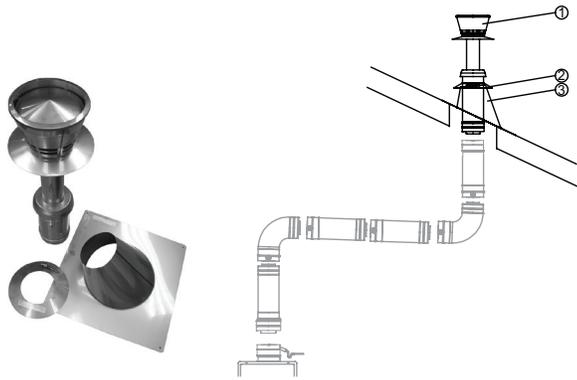
No	1	2	3	4	5	6	7
<b>Description</b>	Straight Vent Pipe w/ Wall Flange	90° Adj w/ Wall Flange	Straight Vent Pipe w/ Wall Flange	Straight	Adjustable	45/ 90 Degree	M2M
<b>Part Number</b>	CVT-S	CWF-90ELB	CWF-F	CVP-4/12/24/36STR	CVP-11/16/40ADJ	CVP-45/90ELB	CVP-ADAPT-M2M

## CVK-H-F

Vent pipe horizontal kit - Stainless steel double-wall

Model Number	Qty	Venting Series	L1
<b>CVK-H-F</b>	1	Concentric SUS <sup>1</sup>	8.3 - 11.2"
<b>CVK-H2-F</b>	1	Concentric SUS <sup>2</sup>	11 - 16.7"

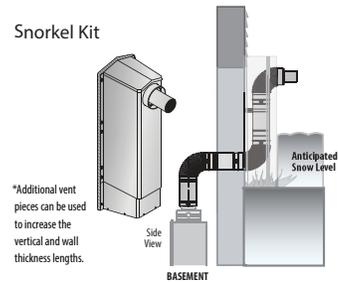
1 (5.8 - 13.2" Wall thickness)  
2 (10.3 - 17.8" Wall thickness)



CVK-V-1 Contents		
No	Description	Part Number
1	Concentric Rain Cap	CRCAI-1-F
2	Storm Collar	CSCR-1
3	Adjustable Roof Flashing (0-45 Degrees)	CARF-1



## Snorkel Kit



Snorkel Kit (CVK-SNRK) Contents		
PCS	Description	Part #
1	Snorkel case top	SNRK-C1
2	Snorkel case bottom	SNRK-C2
3	Concentric 11" adjustable vent pipe	CVP-11ADJ
4	Concentric 16" adjustable vent pipe	CVP-16ADJ
5	Concentric snorkel termination elbow	CVT-SNRK-90ELB
6	Concentric 90 degree elbow	CVP-90ELB
7	Concentric 90 degree adjustable elbow	CVP-90ADJELB
8	Adjustable support strap	SS5-3ADJ
9	Screw set	S-12
10	Concentric vent pipe, male to male	CVP-ADAPT-M2M



## CVK-V-1-F

Vent pipe vertical kit - Stainless steel double-wall

Model Number	Qty	Venting Series
<b>CVK-V-1-F</b>	1	Concentric SUS <sup>1</sup>

<sup>1</sup>10-45° Roof Pitch

## CVK-SNRK-F

Vent pipe horizontal snorkel kit - Stainless steel double-wall

Model Number	Qty	Venting Series
<b>CVK-SNRK-F</b>	1	Concentric SUS



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