



# XR90

**The XR90 is a compact, energy saving 29-gallon gas water heater that outperforms standard 50-gallon models**



43V30-60

**Efficiency**

.70 EF exceeds ENERGY STAR Phase II requirements, Sept. 2010  
Well insulated for reduced stand-by heat loss

**Warranty**

6-Year limited tank and parts warranty (See Residential Warranty Certificate for complete information)  
With ProtectionPlus the 6-year limited tank warranty becomes 10-year

Code #	Description	Model #
300-0320	Compact Natural Gas	43V30-60

## Rheem XR90 Specifications

DESCRIPTION		FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° FISE NAT.	FIRST HOUR RATING (GAL.) NAT.	HT. TO VENT A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CNTR. F	HT. TO SIDE TAP G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANNUAL OPER. COSTS NAT.
29	43V30-60	60	61	90	65-1/2	58-1/4	17-3/4	14	3 or 4	8	51-9/16	3/4	136	0.70	\$261

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.

# 40 Gallon Short PowerVent

**Induced Draft Gas Water Heaters with the Guardian System**



43VP40SE2

**40 Gallon Short Gas Models**

**6-year Limited Tank and Parts Warranty**  
**With ProtectionPlus the 6-year Limited Tank Warranty Becomes 10 Years!**

**Guardian System**

Air/fuel shut-off system offers double protection  
Maintenance free –no filter to clean

Code #	Description	Model #
300-0455	Natural Gas - Short	43VP40SE2

DESCRIPTION		FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
TYPE	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° FISE		FIRST HOUR RATING (GAL.)	HT. TO TOP OF ASSEMBLY	TANK HT.	DIAM.	HT. TO GAS CONN.	WATER CONN. CNTR.	HT. TO SIDE TAP VALVE	WATER CONN. SIZE	SHIP. WT. (LBS)	ENERGY FACTOR	AVG. ANNUAL OPER. COSTS
			NAT.	LP	NAT.	LP	NAT.	A	B	C	D	E	F	G	NAT.	NAT.	
TALL	40	43VP40E2	40	36	40.4	36.4	68	67-3/8	59	19-3/4	14	8	53-1/2	3/4	140	0.67	\$272
	50	43VP50E2	42	42	42.4	42.4	87	66-3/8	58	21-3/4	14	8	52-1/2	3/4	170	0.67	\$272
SHORT	40	43VP40SE2	36	32	36.4	32.4	71	62-1/2	51-1/4	21-3/4	14	8	44-1/4	3/4	155	0.67	\$272
	50	43VP50SE2	36	32	36.4	32.4	85	62-1/2	51-1/4	23-3/4	14	8	44	3/4	175	0.67	\$272



Water Residential Gas  
XR90 Water Heater

The new degree of comfort.™

## The XR90 is a compact, energy saving 29-gallon gas water heater that outperforms standard 50-gallon models

### Efficiency

- .70 EF exceeds ENERGY STAR® Phase II requirements, Sept. 2010
- Well insulated for reduced stand-by heat loss

### Performance

- 29-Gallon capacity with 90-gallon FHR performance
- Recovery rate of 61 GPH at 90 degree rise, exceeds standard 50-gallon by up to 49%

### Compact Size

- Small foot print, 17-3/4 inch diameter
- Fast one-man installation, compact and light weight

### Self-Diagnostic System

- Integrated self-diagnostic system control for easy installation and service



### Low Emissions

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

### Technology

- 110 VAC draft inducer (includes 8-foot cord with 3-prong plug)
- Standard atmospheric Category I, double-wall, B-vent, 3" or 4" (4" adaptor included)

### What is a Fan Assisted Draft Inducer?

Standard gas water heaters produce extremely hot air during combustion, which moves the combustion gases quickly up the chimney. The XR90 is much more efficient (i.e. it puts more heat in the water and less heat up the chimney).

A proprietary baffle and flue design retains the heat longer, therefore a device is needed to propel the air and gases upward.

Fan assisted draft inducer creates the proper draft to expel the combustion gases.

### Guardian System™ & Sensor

- Exclusive air/fuel shut-off device for double protection
- Maintenance free – no filter to clean
- Protective control system that disables the heater in the presence of flammable vapor accumulation



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

### Longer Life

- Patented magnesium anode rod design incorporates a special resistor which protects the tank from rust

### High Altitude Compliant

- Certified for applications up to 7,700 feet above sea level

### Plus...

- Dual certified for both potable water and space heating
- Brass drain valve and temperature and pressure relief valve are included
- EverKleen™ device removes sediment
- Standard replacement parts

### Warranty

- 6-Year limited tank and parts warranty\*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year

\*See Residential Warranty Certificate for complete information



**XR90**  
29-Gallon Capacity  
60,000 Btu/h  
Natural Gas





RTGH-95DV

# Condensing Tankless Series

*Continuous hot water for 3 bathroom homes*

**RTGH-95DV indoor direct vent natural and LP models – 11,000 - 199,900 BTU max.**  
 9.5 gal./min at 35° F rise max., 8.4 gal./min. at 45° F rise

- 2-Pipe Direct Vent System designed for PVC Pipe, See instructions for details
- Up to 35 ft. of 3" PVC Pipe or 5 ft. of 2" PVC Pipe, See instructions for details

**Limited Warranty**

12-Year on heat exchanger, 5-Year on parts, 1-Year on labor.

See Residential Warranty Information Brochure for complete warranty information.

Code #	Description	Model #
300-0010	Natural Gas	RTGH-95DV
300-0020	LP	RTGH-95DVP

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						SHIP. WEIGHT (LBS.)	ENERGY FACTOR
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	MIN. FLOW /ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER		
								WATER	GAS						
<b>RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES</b>															
RTGH-95DVN*	11,000-199,900	Indoor Direct Vent	85° to 140° F*	.26/.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	3" PVC 2-Pipe	82	.94



SP20285 & SP20286



SP20245

**Venting**

302-1510	Horizontal Vent Termination for 2-Inch PVC	SP20285
302-1515	Horizontal Vent Termination for 3-Inch PVC	SP20286
302-1520	Horizontal or Vertical Concentric Vent Termination for 3-Inch PVC	SP20245



**3420R Tankless Water Heater Installation Kit**

- 600# WOG (3421, 3422)
- 1/4 Turn Design
- Blow-Out Proof Stem
- Integral Hose End Drain with Purge Port and Cap
- Full Port (3/4 only)
- Virgin PTFE Seats
- Integral Relief Valve Port (Hot)
- FNPT X FNPT Union Ends

28-7000	3/4 FIP Install Kit with 3/4 150lb Relief Valve	3420R
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(Concentric Vent Kit Available)

PDV40

# Power Direct Vent

## Induced Draft Gas Water Heater

### FVIR Compliant

- Maintenance free – no filter to clean flammable

### Vapor Detection Sensor

- Protective control system that disables the heater in the presence of flammable vapor accumulation flexible Venting options
- Long venting lengths up to 100 feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

### Limited Warranty

6-year Limited Tank and Parts Warranty\*

.. With protectionPlus™ the 6-year Limited Tank Warranty becomes 10 years!

Code #	Description	Model #
300-0480	Natural Gas	PDV40

DESCRIPTION		FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.		
GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/HR.		RECOVERY IN G.P.H. 80° RISE		FIRST HOUR DEL. G.P.H.		HT. TO TOP OF VENT	HT. TO TOP OF AIR INLET	TANK HT.	DIAM.	HT. TO GAS CONN.	WATER CONN. CNTR.	HT. TO SIDE T&P VALVE	WATER CONN. SIZE	FRONT TO BACK	SHIP. WT. (LBS)	ENERGY FACTOR		AVG. ANN. OPER. COSTS
		NAT.	LP	NAT.	LP	NAT.	LP	A	B	C	D	E	F	G	H	I	NAT.	LP	NAT.	
40	PDV40	40	38	40.4	38.4	73	73	68-1/2	69-1/4	60-1/4	19-3/4	14	8	53-3/4	3/4	29-1/2	180	0.67	0.67	\$272

# Honeywell

## True Ease Humidifiers

### Why use True Ease Humidifiers?

#### Both Basic & Advanced Models

- Mounts on duct right out of box  
*Saves time on installation*  
*No need to tear the humidifier down to install it*
- Easy reversible duct  
*Saves time on installation*  
*No need to tear the humidifier down to the duct*
- Easy pad removal  
*Can be removed from front or side of unit*  
*No need to remove water tube (normal source of leaks)*

#### Advanced Bypass Model

- Wastes 30% less water
- Automatic summer / winter damper  
*Quiet solenoid*
- DC solenoid means soft click
- On board electronics force fan on without buying additional current sensing relay kit
- Humidifier tells the homeowner when to change pad and private label tells them who to call to replace it



Code #	Description	Model #
455-1200	12GPD Basic Model Bypass Humidifier	HE100A1000
455-1205	12GPD Advanced Model Bypass Humidifier	HE150A1005


**BestAIR Pro**


## Best Pleated Air Filter

### Benefits and Features

MERV 8 Rated Efficiency

Upgrade From Standard Pleats

100% Synthetic Media (No Cotton Blends)

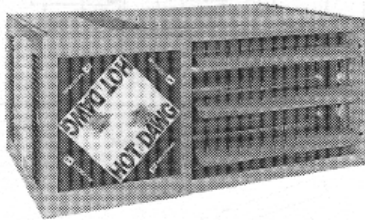
Low Initial Pressure Loss

Media Does Not Support Microbial Growth

May Earn Green Building Council LEED Credits

Heavy Duty Double Wall Moisture Resistant Frame

Code #	Description	Crt. Qty.	Model #
456-1040	Best Pleated Air Filter - 14x25x1	12	1-1425-PR8
456-1050	Best Pleated Air Filter - 16x20	12	1-1620-PR8
456-1060	Best Pleated Air Filter - 16x25	12	1-1625-PR8

## The Hot Dawg Garage Heater

### Hot Dawg Model HD power-exhausted, gas-fired unit heater

- Hush-puppy quiet operation.
- Uses natural or propane gas.
- Certified for residential, commercial and industrial use.
- Low-profile design and neutral color to blend in with decor.
- Lightweight, easily installs 1" from ceiling with only 2 angle brackets (included on sizes 30-75, accessory for 100, 125).
- Install quickly and easily with field wiring connections and knockouts for quick access to gas and electricity.
- Standard power exhaust simplifies side-wall or roof venting with small-diameter vent pipe.
- Right or left hand controls available on all 30-75 units. Gas, electrical and flue connections can be changed by simply flipping the Hot Dawg over.
- Permanently-lubricated motor for trouble-free dependability.
- Full 10-year warranty on heat exchanger.
- Also available with a blower. Contact Modine for further information.

### Hot Dawg Heaters

Code #	Description	Part#
425-1901	Natural Heater	HD30AS0111
425-1906	Natural Heater	HD45AS0111
425-1810	LP Heater	HD45AS0121
425-1911	Natural Heater	HD60AS0111
425-1815	LP Heater	HD60AS0121
425-1916	Natural Heater	HD75AS0111
425-1820	LP Heater	HD75AS0121
425-1920	Natural Heater	HD100AS0111
425-1825	LP Heater	HD100AS0121
425-1926	LP Kit	53079
425-1927	LP Kit for HD100AS	53080

### For The Heat You Need, Just Unleash A Hot Dawg!

Unit	Btu/Hr Input	Typical Application
HD 30	30,000	1 to 1-1/2 Car Garage
HD 45	45,000	2 to 2-1/2 Car Garage
HD 60	60,000	3 to 3-1/2 Car Garage
HD 75,100,125	75,000-125,000	Large Garage


**MAINLINE**


ML332236G22

## Mainline Top Mounted Sinks

### Features

- Type 304 Stainless Steel
- Includes Mounting Clips
- Fully Undercoated
- Sound Absorption Pads
- Brushed Satin Finish

Code #	Description	Model #
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### 15 x 15 Single Bowl Bar / Prep Sink – 6" Depth

#### 22 Gauge

153-2220	15X15X6 – 2 Hole	ML151526G22
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### 25 x 22 Single Bowl Kitchen Sink – 6" Depth

#### 22 Gauge

153-2215	25X22X6 – 3 Hole	ML252236G22
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### 25 x 22 Single Bowl Kitchen Sink – 8" Depth

#### 20 Gauge

153-2040	25X22X8 – 3 Hole	ML252238G20
153-2030	25X22X8 – 4 Hole	ML252248G20

### 33 x 22 Double Bowl Kitchen Sink – 6" Depth

#### 22 Gauge

153-2210	33X22X6 – 3 Hole	ML332236G22
153-2200	33X22X6 – 4 Hole	ML332246G22

### 33 x 22 Double Bowl Kitchen Sink – 7" Depth

#### 20 Gauge

153-2020	33X22X7 – 4 Hole	ML332247G20
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### 33 x 22 Double Bowl Kitchen Sink – 8" Depth

#### 18 Gauge

153-1810	33X22X8 – 3 Hole	ML332238G18
153-1800	33X22X8 – 4 Hole	ML332248G18

#### 20 Gauge

153-2010	33X22X8 – 3 Hole	ML332238G20
153-2000	33X22X8 – 4 Hole	ML332248G20