

# Rinnai

## CONTINUUM HOT WATER HEATER - DV OR EXTERIOR RINNAI



### Features:

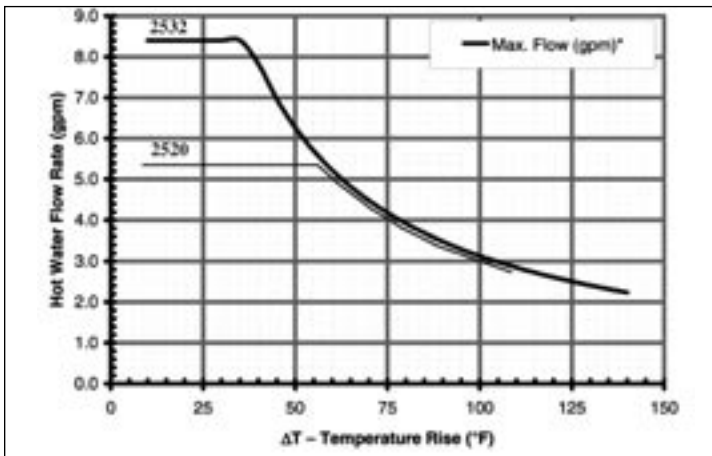
- High Efficiency Modulating 87.0% AFUE
- Tremendous Application Flexibility
- Residential or Commercial Use
- Fully Proportional - 14 Stage Combustion
- Full Freeze Protection
- Sealed Combustion, or Exterior Mounting
- Very Low Power Consumption - Typically less than 100 watts
- Extremely Precise Outlet Water Temperature Control
- Compact & Quiet - May Be Mounted in the Living Space
- Entering Water Temperature 35-190°F
- Output Temperature 96-180°F
- Water Flow Rate 0.5 to 8.5 GPM

### Warranty:

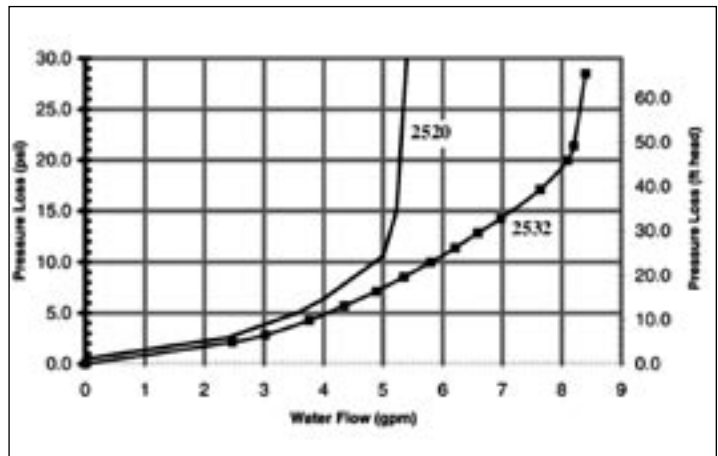
Residential: Five Years Heat Exchanger, Ten Year Parts  
 Commercial: Five Years Heat Exchanger, Five Year Parts

Model	Description	Gas Type	Input MBTUH	Energy Factor	Min. Input Gas Press "	Man. Press. Hi - Lo "	Dimensions H x W x D"	Water & Gas Conn. Size	Temp. Range	GPM Range	Wgt
V2520 FFU	Internal Res.	Nat'l	15.0-180.0	0.82	6.0	3.7-0.77	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-5.3	49
V2520 FFU	Internal Res.	LP	15.0-180.0	0.87	10.0	4.2-0.93	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-5.3	49
V2532 FFU	Internal Res.	Nat'l	15.0-180.0	0.82	6.0	3.7-0.77	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-8.5	49
V2532 FFU	Internal Res.	LP	15.0-180.0	0.87	10.0	4.2-0.93	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-8.5	49
V2532 FFUC	Internal Comm.	Nat'l	15.0-180.0	0.82	6.0	3.7-0.77	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-180°	0.7-8.5	49
V2532 FFUC	Internal Comm.	LP	15.0-180.0	0.87	10.0	4.2-0.93	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-180°	0.7-8.5	49
V2020W	External Res.	Nat'l	19.0-150.0	0.81	6.0	3.7 -0.74	22x13 <sup>3</sup> / <sub>4</sub> x7 <sup>3</sup> / <sub>8</sub>	3/4	96-140°	0.7-5.3	34
V2020W	External Res.	LP	19.0-150.0	0.81	10.0	3.5 -0.74	22x13 <sup>3</sup> / <sub>4</sub> x7 <sup>3</sup> / <sub>8</sub>	3/4	96-140°	0.7-5.3	34
V2532W	External Res.	Nat'l	15.0-199.0	0.82	6.0	3.4 -0.56	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-8.5	48
V2532W	External Res.	LP	15.0-199.0	0.84	10.0	5.1- 0.88	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-140°	0.7-8.5	48
V2532WC	External Comm.	Nat'l	15.0-199.0	0.82	6.0	3.4 -0.56	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-180°	0.7-8.5	48
V2532WC	External Comm.	LP	15.0-199.0	0.84	10.0	5.1- 0.88	23 <sup>5</sup> / <sub>8</sub> x13 <sup>3</sup> / <sub>4</sub> x8 <sup>3</sup> / <sub>4</sub>	3/4	96-180°	0.7-8.5	48

GAS EQUIPMENT



Flow / Temperature Rise



Flow / Pressure Drop

Clearances	
Top	6"
Front	24"
Sides	6"
Back	0"
Ground	12"



## CONTINUUM HOT WATER HEATER - DV OR EXTERIOR RINNAI

Accessories	
Part #	Description
MC-45-4	Main Remote Temperature Control 96-140°
BC-45-4	Bath Controller #1 96-120°
BCS-45-4	Bath Controller #2 96-120°
MSA-2M	Twining Kit For 1 Master & 1 Slave
MSA-2S	Slave Kit For Additional Slaves
RVK	Standard Vent Kit 1-50710327 & 1-50223098B
50710327	90° Horizontal Discharge Adaptor
50223098B	Wall Discharge Terminal 35" Long
224051	10" Vent Pipe Extension
224052	19½" Vent Pipe Extension
224053	39" Vent Pipe Extension
224050	45° Elbow (1)
224063	90° Elbow (1)
224064	Vertical Discharge Adaptor 24" Below Roof
50171948	1/12 to 6/12 Roof Flashing



GAS EQUIPMENT

Standard Vent Discharge Kit (Order Part No's: 50710327 and 50223098B)			Miscellaneous Parts								
<p>Horizontal Discharge Adapter Part No: 50710327</p> <p>Wall Discharge Terminal (35" Length) Part No: 50223098B</p>		<p>Roof Discharge Terminal Part No: 184118</p>		<p>Vertical Discharge Adapter Part No: 224064</p>							
<p>Vent Pipe Clamp Part No: 169044</p>											
<p>10" Vent Pipe Extension Part No: 224051</p>	<p>19.5" Vent Pipe Extension Part No: 224052</p>	<p>39" Vent Pipe Extension Part No: 224053</p>									
<p>90 Degree Vent Pipe Elbow Part No: 224053</p>	<p>45 Degree Vent Pipe Elbow (Quantity of 2) Part No: 224050</p>	<p><b>Roof Flashing Assembly</b></p> <table border="1"> <tr> <td>Flat Roof</td> <td>Part No: 146141</td> </tr> <tr> <td>1/12 to 6/12 Pitch (5-25 deg)</td> <td>Part No: 50171948</td> </tr> <tr> <td>6/12 to 12/12 Pitch (25-45 deg)</td> <td>Part No: 50171960</td> </tr> <tr> <td>8/12 to 16/12 Pitch (35-55 deg)</td> <td>Part No: 50171953</td> </tr> </table>			Flat Roof	Part No: 146141	1/12 to 6/12 Pitch (5-25 deg)	Part No: 50171948	6/12 to 12/12 Pitch (25-45 deg)	Part No: 50171960	8/12 to 16/12 Pitch (35-55 deg)
Flat Roof	Part No: 146141										
1/12 to 6/12 Pitch (5-25 deg)	Part No: 50171948										
6/12 to 12/12 Pitch (25-45 deg)	Part No: 50171960										
8/12 to 16/12 Pitch (35-55 deg)	Part No: 50171953										
		<p>Condensate Collector Part No: 224069</p> <p>Note: Required where vent height is greater than 5 feet vertical.</p>									
		<p><b>Water Heater Venting</b></p> <p>Vent Materials and Part Numbers</p>									



## GAS SPACE HEATERS - EMPIRE



**Direct Vent Wall Furnace**

**Features:**

- No Electricity needed for wall thermostat operation
- Heats with out electricity.
- Direct Vent
- LP or Natural Gas
- Includes Vent Kit
- 10 Year Warranty on Combustion Chamber
- 1 Year Limited Parts



**Standard Vent Cap**



Model	Gas Type	Input MBtuH	Dimensions H x W x D"	Vent Dia.	CFM Output	Gas Line Size	Wall Depth Min.	Wall Depth Max	Wgt.
DV-210-SG	NG or LP	10.0	21 <sup>3</sup> / <sub>8</sub> x16 <sup>1</sup> / <sub>4</sub> x9 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	60	1/2	4 <sup>1</sup> / <sub>2</sub>	13	42
DV-215-SG	NG or LP	15.0	24 <sup>7</sup> / <sub>8</sub> x20 <sup>1</sup> / <sub>4</sub> x9 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	60	1/2	4 <sup>1</sup> / <sub>2</sub>	13	60
DV-25-G	NG or LP	25.0	27 <sup>3</sup> / <sub>4</sub> x37x11 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	75	1/2	4 <sup>1</sup> / <sub>2</sub>	13	98
DV-35-SG	NG or LP	35.0	27 <sup>3</sup> / <sub>4</sub> x37x11 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	75	1/2	4 <sup>1</sup> / <sub>2</sub>	13	101

## HIGH EFFICIENT DIRECT VENT WALL SPACE HEATER EMPIRE



Model	Gas Type	Input MBtuH	Output	Dimensions H x W x D"	Vent Dia.	Gas Line Size	Wall Depth Min.	Wall Depth Max	Wgt.
DV-20E	NG or LP	20.0	16.3	26x37x15 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	1/2	2	10	128
DV-40E	NG or LP	40.0	32.6	26x37x15 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	1/2	2	10	135
DV-55E	NG or LP	55.0	44.8	26x37x15 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	1/2	2	10	145

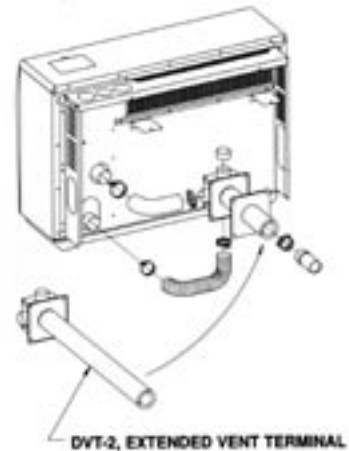
**Accessories**

Model	Intake/Exhaust Extension Kits 54" w/2 Elbows	Intake/Exhaust Extension Kits 54" Extended Vent (for walls up to 32" Thick)	Extended Vent Terminal	24-Volt Thermostat
DV-20E	DVE-1	DVE-2	DVT2	R-633
DV-40E	DVE-1	DVE-2	DVT2	R-633
DV-55E	N/A	N/A	DVT2	R-633

**Features:**

- Electronically Controlled Hot Surface Ignitor
- Electronic Circuit Board controls automatic ignition, circulating air blowers, fan inducer run time and operates on-board diagnostics
- Direct Vent

- LP or Natural Gas
- Includes Vent Kit
- 10 Year Warranty on Combustion Chamber
- 5 Year Limited Parts Warranty with a 2 year limited labor warranty



GAS EQUIPMENT



## GAS SPACE HEATERS EMPIRE

### Console & Visual Flame Heater



**Features:**

- Heats Without Electricity
- Matchless Piezo Ignition
- Optional Ceramic Logs for Visual Flame Heaters
- Hydraulic Thermostat
- 10 Year Warranty on Combustion Chamber
- 1 Year Limited Parts Warranty

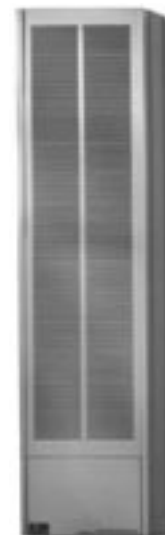
Model	Gas Type	Input MBtuH	Output CFM	Dimensions H x W x D	Size Flue Collar.	Gas Line Size	Wgt.
RH-25	Nat'l or LP	25.0	75	26x37x11 <sup>1</sup> / <sub>2</sub>	4	<sup>1</sup> / <sub>2</sub>	84
RH-35	Nat'l or LP	35.0	75	26x37x11 <sup>1</sup> / <sub>2</sub>	4	<sup>1</sup> / <sub>2</sub>	88
RH-50B	Nat'l or LP	50.0	100	29 <sup>9</sup> / <sub>16</sub> x34x16	5	<sup>1</sup> / <sub>2</sub>	124
RH-50C	Nat'l or LP	50.0	100	29 <sup>9</sup> / <sub>16</sub> x34x16	5	<sup>1</sup> / <sub>2</sub>	124
RH-50CB	Nat'l or LP	50.0	100	29 <sup>9</sup> / <sub>16</sub> x34x16	5	<sup>1</sup> / <sub>2</sub>	124
RH-65B	Nat'l or LP	65.0	100	29 <sup>9</sup> / <sub>16</sub> x34x20	5	<sup>1</sup> / <sub>2</sub>	142
RH-65C	Nat'l or LP	65.0	100	29 <sup>9</sup> / <sub>16</sub> x34x20	5	<sup>1</sup> / <sub>2</sub>	142
RH-65CB	Nat'l or LP	65.0	100	29 <sup>9</sup> / <sub>16</sub> x34x20	5	<sup>1</sup> / <sub>2</sub>	142

### GRAVITY VENTED WALL HEATER EMPIRE

**Features:**

- Patented burner design reduces natural gas NO<sub>x</sub> emissions by 50% for cleaner operation.
- LP or Natural Gas
- Option blower available
- 1 Year Limited Parts Warranty
- 10 Year Warranty on Combustion Chamber

Model	Gas Type	Input MBtuH	Dimensions H x W x D"	Gas Line Size	Wall Depth Min.	Wgt.
GWT-25	Nat'l or LP	25.0	66 <sup>1</sup> / <sub>8</sub> x16x6	<sup>1</sup> / <sub>2</sub>	4"	92
GWT-35	Nat'l or LP	35.0	66 <sup>1</sup> / <sub>8</sub> x16x6	<sup>1</sup> / <sub>2</sub>	4"	98
GWT-50 Dual Wall	Nat'l or LP	50.0	66 <sup>1</sup> / <sub>8</sub> x16x6	<sup>1</sup> / <sub>2</sub>	4"	156



GWT-25

### FLOOR HEATER EMPIRE

Model	Gas Type	Input MBtuH	Dimensions H x W x D"	Size Flue Collar	Gas Line Size	Wall Depth Min.	Floor Opening	Wgt.
3588-2	Nat'l or LP	32.5	23 <sup>1</sup> / <sub>2</sub> x22 <sup>3</sup> / <sub>4</sub> x40	4"	<sup>1</sup> / <sub>2</sub>	6"	32 <sup>5</sup> / <sub>16</sub> x20 <sup>5</sup> / <sub>16</sub>	108
5088-2	Nat'l or LP	45.0	25 <sup>3</sup> / <sub>4</sub> x24 <sup>3</sup> / <sub>4</sub> x43 <sup>1</sup> / <sub>2</sub>	4"	<sup>1</sup> / <sub>2</sub>	6"	34 <sup>5</sup> / <sub>16</sub> x22 <sup>5</sup> / <sub>16</sub>	128
7088-2	Nat'l or LP	65.0	25 <sup>3</sup> / <sub>4</sub> x32 <sup>3</sup> / <sub>4</sub> x45 <sup>1</sup> / <sub>4</sub>	5"	<sup>1</sup> / <sub>2</sub>	6"	34 <sup>5</sup> / <sub>16</sub> x30 <sup>5</sup> / <sub>16</sub>	152



3588-2

GAS EQUIPMENT



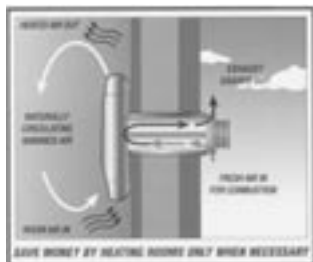
## DIRECT VENT HEATERS ORBIS



**Comfort View**



**Calorama**



### COMFORT VIEW FEATURES

- Direct Vent
- High Efficiency
- No Electricity Required
- Built-in Full Modulation Thermostat
- Heat Exchanger Fully Encapsulated for Safety
- Mobile Home Kit Available
- Blower Accessory Available (CV2/3 only)
- 5 Year Complete Warranty

Model	Gas Type	Input MBtuH	Dimensions H x W x D	Gas Line Size	Wall Depth Min./Max	Wgt.
Comfort View 1	LP/NG	8.0	23 <sup>1</sup> / <sub>2</sub> x13 <sup>3</sup> / <sub>4</sub> x7 <sup>5</sup> / <sub>8</sub>	3/8	2-12	35
Comfort View 2	LP/NG	15.0	23 <sup>1</sup> / <sub>2</sub> x19 <sup>5</sup> / <sub>8</sub> x7 <sup>7</sup> / <sub>8</sub>	3/8	2-12	45
Comfort View 3	LP/NG	20.0	23 <sup>1</sup> / <sub>2</sub> x19 <sup>5</sup> / <sub>8</sub> x7 <sup>7</sup> / <sub>8</sub>	3/8	2-12	60

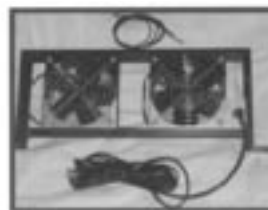
### CALORAMA FEATURES

- Direct Vent
- High Efficiency
- No Electricity Required
- Built-in Full Modulation Thermostat
- Heat Exchanger Fully Encapsulated for Safety
- Mobile Home Kit Available
- Blower Accessory Available (CAL2/3 only)
- 5 Year Complete Warranty
- 10 Year Heat Exchanger Warranty

Model	Gas Type	Input MBtuH	Dimensions H x W x D	Gas Line Size	Wall Depth Min./Max	Wgt.
Calorama 1	LP/NG	8.0	23 <sup>1</sup> / <sub>2</sub> x13 <sup>3</sup> / <sub>4</sub> x7 <sup>5</sup> / <sub>8</sub>	3/8	2-12	35
Calorama 2	LP/NG	15.0	23 <sup>1</sup> / <sub>2</sub> x19 <sup>5</sup> / <sub>8</sub> x7 <sup>7</sup> / <sub>8</sub>	3/8	2-12	45
Calorama 3	LP/NG	20.0	23 <sup>1</sup> / <sub>2</sub> x19 <sup>5</sup> / <sub>8</sub> x7 <sup>7</sup> / <sub>8</sub>	3/8	2-12	60



**Mobile Home Kit**



**Optional Blower Assembly**

GAS EQUIPMENT

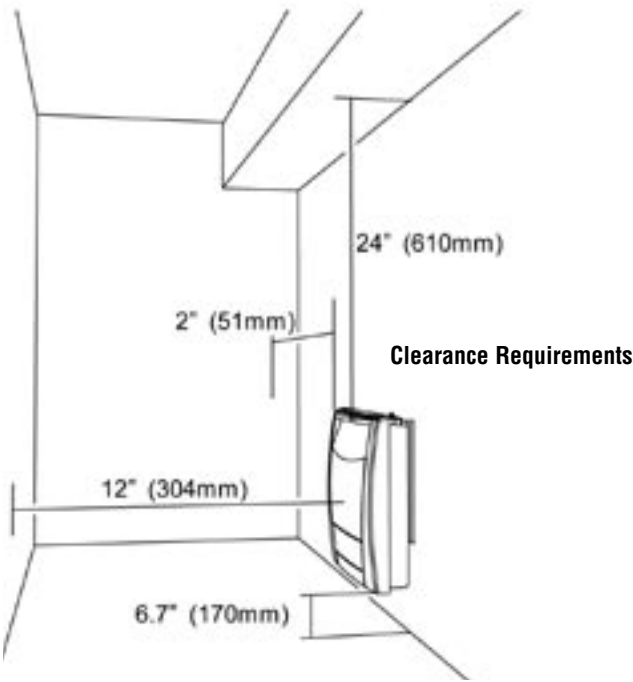


## DIRECT VENT HEATERS - CALORAMA

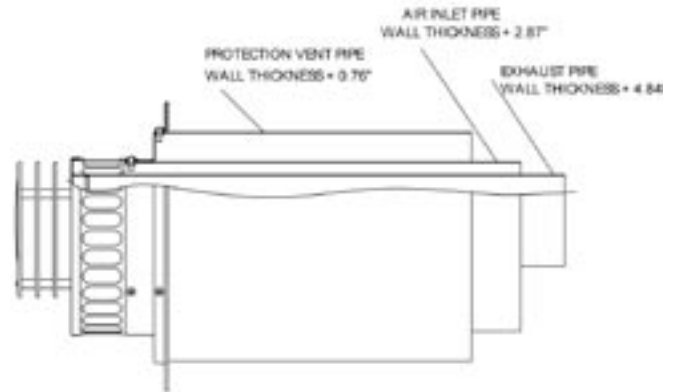
	CCV I Calorama/Comfort	CCV II Calorama/Comfort	CCV III Calorama/Comfort
Maximum input - Btuh	8,000	15,000	20,000
Minimum input - Btuh	4,100	6,900	9,500
<b>Natural Gas</b>			
Manifold Gas Pressure	4"	4"	4"
Minimum-Gas Pressure	5"	5"	5"
Maximum Gas Pressure	6"	6"	6"
<b>Propane/ LP Gas*</b>			
Manifold Gas Pressure	10"	10"	10"
Maximum Gas Pressure	13"	13"	13"
Vent Opening Diameter in Wall	$8\frac{3}{8}"$	$8\frac{3}{8}"$	$8\frac{3}{8}"$
Depth of Unit (incl. wall mounting plate)	$7\frac{5}{8}"$	$7\frac{5}{8}"$	$8\frac{1}{4}"$
Maximum Wall thickness	12	12	12

\*exterior regulator pressure must not to exceed 13 IN. WC

GAS EQUIPMENT



Inside Diameters	CCV1	CCVII	CCVIII
Exhaust Pipe	3.19"	3.19"	3.98"
Air Inlet Pipe	5.91"	5.91"	5.79"
Protection Pipe	7.99"	7.99"	7.99"



**Vent-Wall Clearance:**

Vent assembly consists of three pipes. The outermost (largest diameter pipe) protection pipe should extend 3/4" from the interior finished wall. The middle 'Air Inlet pipe should extend 2-7/8" from the finished wall. The Exhaust pipe (smallest diameter pipe) should be longest and extend 4-7/8" from the finished wall. Vent cap 'Orbis' logo should be set so marking is upright and level.

## DIRECT VENT FIREPLACES - NAPOLEON

Model	Fuel	Input MBtuH	Output MBtuH	AFUE%	Heater Rated	Wall Furn. Rated	Vents Vert/Hroz.	Hinged Door Assy	Glass Type	Door Size HxW
GD70NT-S	NG	35.0	28.3	72	Y	Y	Y	Y	Ceramic	23x31 <sup>5</sup> / <sub>8</sub>
GD70NT-S	LP	33.0	26.4	72	Y	Y	Y	Y	Ceramic	23x31 <sup>5</sup> / <sub>8</sub>
GD45N	NG	45.0	36.9	-	Y	Y	Y	Y	Ceramic	22 <sup>1</sup> / <sub>4</sub> x39 <sup>1</sup> / <sub>2</sub>
GD45N	LP	40.0	33.2	67.3	Y	Y	Y	Y	Ceramic	22 <sup>1</sup> / <sub>4</sub> x39 <sup>1</sup> / <sub>2</sub>
BGD42N-D	NG	28.5	19.5	64	Y	N	Y	N	Tempered	22x38 <sup>5</sup> / <sub>8</sub>
BGD42N-D	LP	24.0	16.0	61.5	Y	N	Y	N	Tempered	22x38 <sup>5</sup> / <sub>8</sub>

Accessories	GD70NT-S	GD45N	BGD42N-D
Decorative Brick Panels	-	S	-
Old town red Brick Panels	S	-	-
Metal Brick Panels	-	-	0
Polished Brass Trim	0	-	0
Antique Brass Trim	-	-	0
Brushed Stainless Steel Trim	0	-	0
Bay Window Kit	-	0	-
Polished Brass Louvres	0	0	0
Brushed Stainless Steel Louvres	0	0	0
Black Louvres	0	0	0
Decorative Door Kits	-	0	-
Cast Iron Surrounds	0	0	0
Hot Air Distribution Kit	0	0	0
Hand Held On/Off Remote w/digital Readout	0	0	0
Hand Held On/Off Thermostatic Remote	0	0	0
Hand Held On/Off Modulating Thermostatic Remote	0	0	0
Controls Flames And Blower	0	0	0
Wall Thermostat	S	0	0
Heat Circulating Blower	S	S	S

Standard: S      Optional: 0      Yes: Y      N/A: -

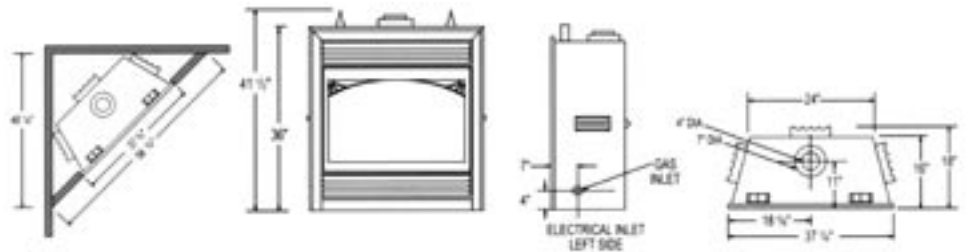
### Features:

- Phazer Logs
- Direct Vent Technology
- Advantage Plus Digital Remote

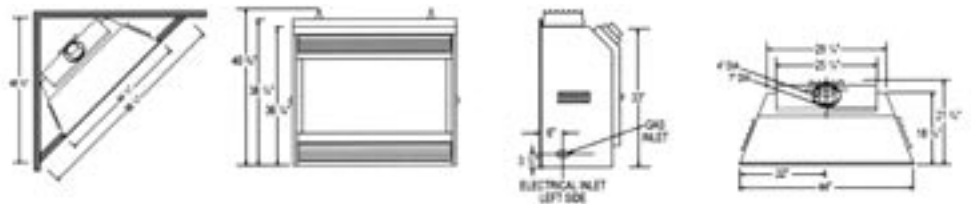
### Limited Lifetime Warranty

GAS EQUIPMENT

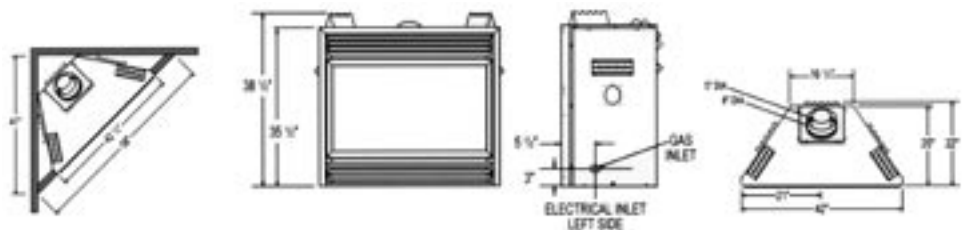
**GD70NT-S**



**GD45N**



**BGD42N-D**





## GAS FIREPLACE INSERTS NAPOLEON

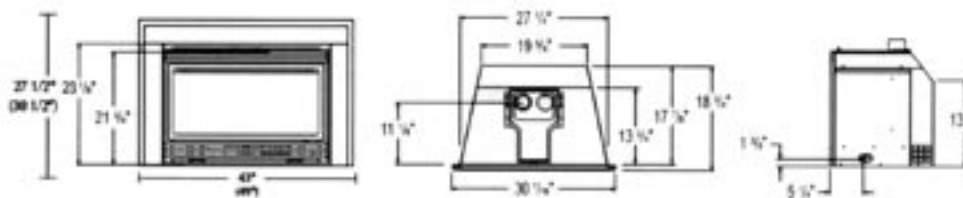
Model	Fuel	MBtuH In	MBtuH Out	AFUE%	Heater Rated	Wall Furn. Rated	Blower	Glass Type	Door Size HxW
GD130	NG	15-24.5	12.75-21	82	Y	Y	Y	Ceramic	14x28 1/2
GD130	LP	19-24.5	12.75-21	82	Y	Y	Y	Ceramic	14x28 1/2
GDIZC	NG	14-24	10.2-20.4	79	Y	-	Y	Ceramic	16x28 1/2
GDIZC	LP	18.6-24	14.1-18.2	79	Y	-	Y	Ceramic	16x28 1/2

Accessories	GD130	GDIZC
Flush Glass Door	S	S
Decorative Brick Panels	0	0
Hand Held Remote Control Digital Display	0	0
Hand Held Remote Control Thermostatic Control	0	0

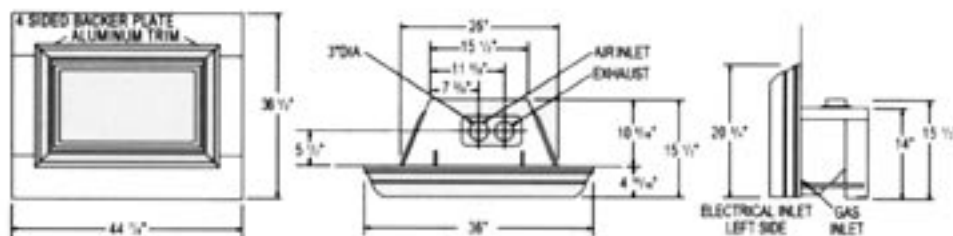
### Features:

- Phazer Logs
- Advantage Plus Digital Remote
- Limited Lifetime Warranty**

### GD130



### GDIZC



GAS EQUIPMENT

## GAS STOVES - NAPOLEON

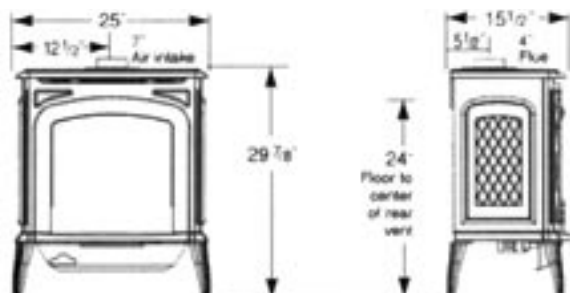
Model	Fuel	Input MBtuH	Output MBtuH	AFUE%	Wall Furn. Rated	Glass Type	Door Size HxW
GDS60	NG	21-35	16.4-27.3	72	Y	Ceramic	21 1/4 x 19 1/4
GDS60	LP	22-31.5	17.2-24.6	71	Y	Ceramic	21 1/4 x 19 1/4

Accessories	GDS60
Decorative Brick Panels	0
Hand Held Remote Controls	0
B-Vent Capable	Y
Gold Plated Overlays	0
Heat Circulating Blower	0

### Features:

- Phazer Logs
- Advantage Plus Digital Remote
- Limited Lifetime Warranty**

### GDS60



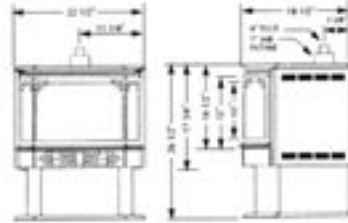
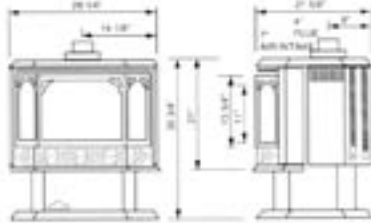


## GAS STOVES NAPOLEON

Model	Fuel	In MBtuH	Out MBtuH	AFUE %	Wall Furn. Rated	Glass Type	Door Size HxW
GDS50	NG	20-44	16.8-37	77	Y	Ceramic	13 <sup>7</sup> / <sub>8</sub> x25 <sup>3</sup> / <sub>4</sub>
GDS50	LP	21-40	18-34.4	79	Y	Ceramic	13 <sup>7</sup> / <sub>8</sub> x25 <sup>3</sup> / <sub>4</sub>
GDS28	NG	18-30	15.3-25.5	76	Y	Ceramic	12 <sup>3</sup> / <sub>8</sub> x21
GDS28	LP	15-26	13-22.4	77	Y	Ceramic	12 <sup>3</sup> / <sub>8</sub> x21



**GDS50**



**GDS28**

Accessories	GDS50	GDS28
Hand Held Remote Controls	0	0
B-Vent Capable	Y	Y
24k Gold Plated Door	S	0
Heat Circulating Blower	S	S

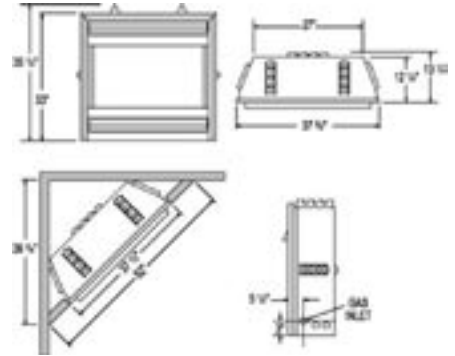
**Features:**

- Phazer Logs
  - Triple Burner System
  - Advantage Plus Digital Remote
- Limited Lifetime Warranty**

## OUTDOOR GAS FIREPLACE NAPOLEON

Model	Fuel	Dimensions HxWxD	Input MBtuH	Eff. %
GSS36N	NG	35 <sup>1</sup> / <sub>2</sub> x27 <sup>1</sup> / <sub>4</sub> x14	40.0	99.9
GSS36P*	LP	35 <sup>1</sup> / <sub>2</sub> x27 <sup>1</sup> / <sub>4</sub> x14	40.0	99.9

\*Requires NG to LP conversion kit

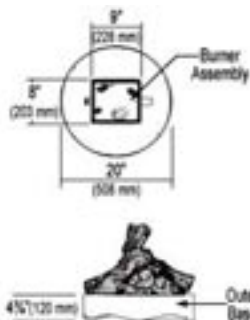


**Features:**

- 100% Stainless steel construction
  - No venting required
  - Phazer logs
  - Zero clearance to combustible
  - Piezo ignitor
  - Safety screen standard
- Limited Lifetime Warranty**

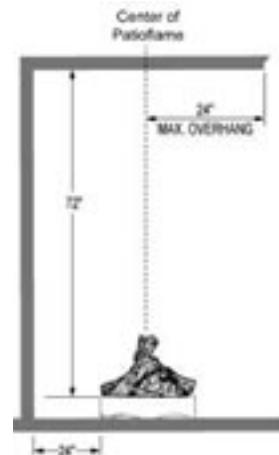
## PATIOFLAME NAPOLEON

Model	Fuel	Input MBtuH	Min Inlet Pressure	Max. Inlet Pressure
GPFN	NG	60.0	4 <sup>1</sup> / <sub>2</sub> " w.c.	14" w.c.
GFPF	LP	60.0	11" w.c.	14" w.c.



**Features:**

- All stainless steel construction
  - Totally weather resistant
  - Realistic 5 piece patented "GLOCAST™" log set
  - Liquid propane or natural gas
  - Approved for use on wooden decks, stone or brick patios and concrete
- 5 year Limited Warranty**





## LP REGULATORS REGO



### FEATURES:

- Designed for outstanding performance
- Replaceable nozzle orifice
- Replaceable seat disc
- Heavy duty painted zinc construction
- Bonnet Cap incorporates travel stop.
- Temperature range -40° to 165°F
- Built in pressure tap
- Large bonnet vent w/screen
- One Year Limited Warranty. 12 months following installation or 18 months from manufacture date, whichever is earlier.

### REGO COLOR CODING:

**Brilliant Red** - First stage high pressure regulators. Normally used in two stage applications in conjunction with a second stage low pressure regulator.

**Select Blue** - Second stage regulators for 2 PIG systems. Designed to reduce first stage pressure down to 2 PSIG/ Normally used in conjunction with a first stage high pressure regulator.

**Select Brown** - Regulators with low pressure delivery range. Select brown is found on both:

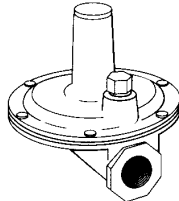
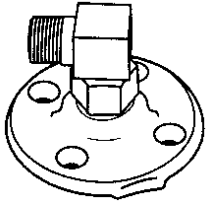
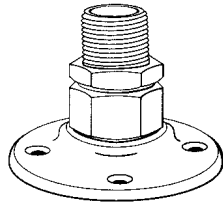
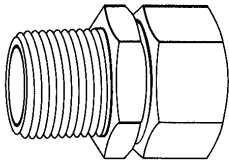
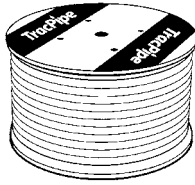
- Second stage low pressure regulators. Normally used in two stage applications in conjunction with a first stage high pressure regulator
- Integral twin stage regulators. Designed to provide benefits of two stage regulation in one compact unit.

GAS EQUIPMENT

Model	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure PSIG	Adjustment Range PSIG	Integral Relief Valve Included	Bonnet Vent Position	Vapor Capacity BtuH/ Hr. Propane
LV3303TR	1/4 F.NPT	1/2 F.NPT	1/4	10			over outlet	1,500,000
LV4403SR4	1/2 F.NPT	1/2 F.NPT	1/4	5	1-5	yes	over inlet	2,500,000
LV4403TR4	1/2 F.NPT	1/2 F.NPT	1/4	10	5-10	yes	over inlet	2,500,000
LV4403B4	1/2 F.NPT	1/2 F.NPT	#28 drill	11wc@10PSIG	9-13wc	yes	over inlet	935,000
LV4403B46	1/2 F.NPT	3/4 F.NPT	#28 drill	11wc@10PSIG	9-13wc	yes	over inlet	935,000
LV4403B66	3/4 F.NPT	3/4 F.NPT	#28 drill	11wc@10PSIG	9-13wc	yes	over inlet	935,000
LV4403B66RA	3/4 F.NPT	3/4 F.NPT	3/16	11wc@10PSIG	9-13wc	yes	over inlet	1,000,000
LV5503B4	1/2 F.NPT	3/4 F.NPT	1/4	11wc@10PSIG	9-13wc	yes	over inlet	1,600,000
LV5503B6	3/4 F.NPT	3/4 F.NPT	1/4	11wc@10PSIG	9-13wc	yes	over inlet	1,600,000

**Accessories:**  
912 and 913 Series Copper Pigtails w/brass fittings. 1/4" & 3/8" tube available in straight lengths 5" to 48"

## CSST GAS PIPING TRACPIPE



Part #	Description
PTPC	3/8 TracPipe 250' Coil
PTPD	1/2 TracPipe 250' Coil
PTPF	3/4 TracPipe 250' Coil
PTPG	1 TracPipe 180' Coil
PTPH	1 1/4 TracPipe 180' Coil
PTPI	1 1/2 TracPipe 150' Coil
PTPJ	2 TracPipe 150' Coil
TPAFC	3/8 AutoFlare x 1/2" NPT Adapter
TPAFD	1/2 AutoFlare x 1/2" NPT Adapter
TPAFF	3/4 AutoFlare x 3/4" NPT Adapter
TPAFG	1 AutoFlare x 1" NPT Adapter
TPAFH	1 1/4 AutoFlare x 1-1/4" NPT Adapter
TPAFI	1 1/2 AutoFlare x 1-1/2" NPT Adapter
TPAFJ	2 AutoFlare x 2" NPT Adapter
TPCC	3/8 Coupling
TPCD	1/2 Coupling
TPCF	3/4 Coupling
TPCG	1 Coupling
TPFC	3/8 Straight Termination Fitting with Flange
TPFD	1/2 Straight Termination Fitting with Flange
TPFF	3/4 Straight Termination Fitting with Flange
TPFG	1 Straight Termination Fitting with Flange
TP90C	3/8 90 Termination Fitting w/Brass Flange
TP90D	1/2 90 Termination Fitting w/Brass Flange
TSQ	1/4 Striker Plate
TSH	1/2 Striker Plate
WS	Full Striker Plate
TSWC	3/8 x 1' Strip Wound Hose
TSWD	3/8 x 1' Strip Wound Hose
TSWF	3/8 x 1' Strip Wound Hose
TSWG	3/8 x 1' Strip Wound Hose
Maxitrol Regulator Natural Gas	
Maxitrol Regulator LP Gas	

TracPipe features the patented **AutoFlare** connection. You get a fast metal to metal flare without special tools.

TracPipe may be installed by certified contractors only. Contact Winair for details.

**NATURAL GAS SIZING** - in cubic feet per hour based on a gas pressure of 6-7" WC, pressure drop of 0.5" WC, and a 0.6 specific gravity.

Length/Ft.	3/8	1/2	3/4	1	1 1/4	1 1/2	2
5	63	134	288	546	901	1790	4142
10	44	95	95	383	614	1261	2934
15	35	77	169	310	490	1027	2398
20	31	67	147	269	418	888	2078
25	27	60	132	240	369	793	1860
30	25	55	121	218	334	723	1698
40	21	47	105	188	284	625	1472
50	19	42	94	168	251	559	1317
60	17	38	86	153	227	509	1203
80	15	33	75	132	194	440	1042
100	13	30	67	118	171	393	933
150	10	23	55	94	137	320	762

**LP GAS SIZING** - in 1000 BTU per hour based on a gas pressure of 11-13" WC, pressure drop of 0.5" WC, and a 1.52 specific gravity.

Length/Ft.	3/8	1/2	3/4	1	1 1/4	1 1/2	2
5	99	211	456	863	1424	2830	6547
10	69	150	325	605	971	1993	4638
15	55	121	267	490	775	1623	3791
20	49	106	232	425	661	1404	3285
25	42	94	209	379	583	1254	2940
30	39	87	191	344	528	1143	2684
40	33	74	166	297	449	988	2327
50	30	66	149	265	397	884	2082
60	26	60	136	241	359	805	1902
80	23	52	118	208	307	696	1647
100	20	47	106	186	270	621	1475
150	15	36	87	143	217	506	1205

You MUST Be TracPipe Certified To Purchase This Product. Please Call Webber Supply For Certification Training.

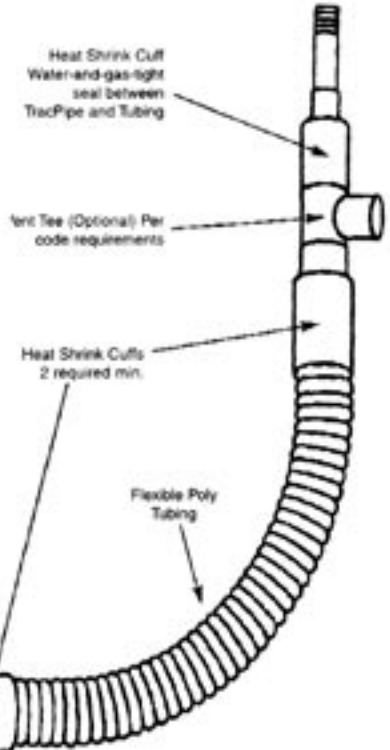
## CSST GAS PIPING TRACPIPE

### PS Series Underground Gas Piping

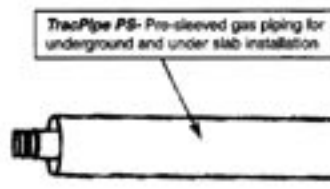
Part #		Wgt.
FGP-UG-375-100	3/8 x100 Ft TracpipePS Coils	28
FGP-UG-500-100	1/2 x100 Ft TracpipePS Coils	32
FGP-UG-750-100	3/4 x100 Ft TracpipePS Coils	43
FGP-UG-100-100	1x100 Ft TracpipePS Coils	50
FGP-UG-125-100	1-1/4 x100 Ft TracpipePS Coils	77
FGP-UG-150-100	1-1/2 x100 Ft TracpipePS Coils	144
FGP-UG-200-100	2x100 Ft TracpipePS Coils	170
FGP-HST-150	3/8 & 1/2 Shrink Cuff	.04
FGP-HST-200	3/4 & 1 Shrink Cuff	.06
FGP-HST-300	1 1/4 Shrink Cuff	.08
FGP-HST-350-6	1 1/2 & 2 Shrink Cuff	.16
FGP-HST-470-6	1 1/2 & 2 Flex Shrink Cuff	.22
FGP-VT-125	3/8 & 1/2 Vent Tee	.10
FGP-VT-150	3/4 & 1 Vent Tee	.14
FGP-VT-200	1 1/4 Vent Tee	.22
FGP-BC-125	3/8 & 1/2 Barb Coupling 1 1/4	.08
FGP-BC-150	3/4 & 1 Barb Coupling 1 1/2	.10
FGP-BC-200	1 1/4 Barb Coupling 1 1/4	.16
FGP-BC-300	1 1/2 - 2 Barb Coupling 1 1/2-2	.40
FGP-UGFX-	3/8 & 1/2 Flexible Tubing 1 1/4	.18
FGP-UGFX-	3/4 & 1 Flexible Tubing 1 1/2	.23
FGP-UGFX-	1-1/4 Flexible Tubing 2	.27
FGP-UGFX-	1 1/2 - 2 Flexible Tubing 3	.41

### Features:

- Compliance with 2000 International Fuel Code



**Typical Underground Installation using Flexible Poly Tubing**



GAS EQUIPMENT