



comfort and peace of mind

EPA wood and combination furnaces - Caddy Series

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CATALOG



EPA wood and combination furnaces

caddy series



caddy



The fuel oil system's combustion chamber simply slides underneath the firebox.

Technical data

furnace and components	CADDY
Fuel	wood
Maximum input capacity	140,000 BTU (42 kW)
Maximum output capacity	102,200 BTU (31 kW)
Average output capacity	66,430 BTU (19.5 kW)
Integrated thermostatic control	yes
Efficiency	73%
Loading capacity	up to 55 lbs (25 kg)
Flue spigot diameter	6"
Recommended exhaust pipe diameter	7"
Type of chimney required	2100°F (1150°C)
Recommended chimney diameter	7"
Furnace exterior dimensions	26"W x 47"D x 48"H
Firebox dimensions	17"W x 22,5"D x 16"H
Door opening dimensions	13,75"W x 10"H
Door type	glass with cast iron frame
Hot air plenum dimensions	24,5"W x 28,25"D
Cold air plenum dimensions	24,5"W x 15,75"D
Ash pan dimensions	12"W x 16"D x 3"H
Number of filters	2
Filters dimensions	12"W x 24"D x 1"H
Blower	1/3 HP Direct drive Four speed, 1300 cfm
Steel thickness (firebox)	3/16"
Minimum clearance (front)	48"
Minimum clearance (rear)	24" recommended for servicing
Minimum clearance (sides)	24" recommended for servicing
Minimum clearance (ducts)	6" for the first 6 feet and 1" thereafter
Recommended service clearance	24"
Weight	560 lbs (254 kg)
Color	Green
Warranty	Limited lifetime warranty
Safety tests standard	Can CSA B366.1-M91, CSAB212-93, UL391 3e, Ed. rev. 1999
Emissions test standard	EPA
Maximum log length	22"

The heat exchangers clean-up is quickly and easily done through an access trap located at the front of the furnace

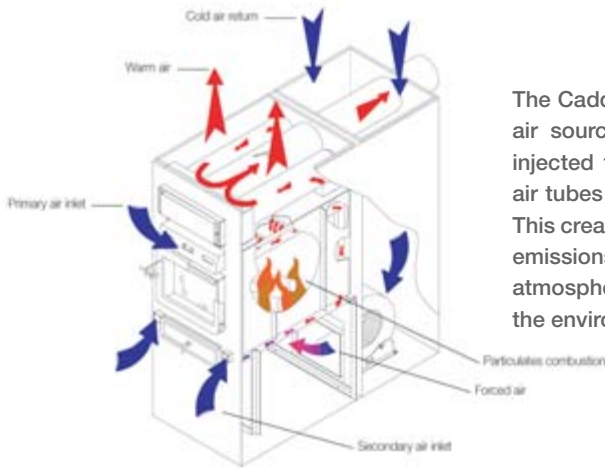


The optional insulated vestibule guarantees a quiet performance



The Cadillac of furnaces!

The Caddy furnace comes with the same dimensions and basic features as its cousin, the PSG 3000 (see page 6). But its highly advanced combustion technology sets it apart from all others. The Caddy is specifically designed to meet the highest combustion standards in North America today, those of the Environmental Protection Agency (**EPA**). As such, it is the cleanest and most efficient furnace ever produced by PSG, with savings in heating wood of up to 30% and reductions in polluting emissions reaching 90%. One look at the fire through the **glass door** of the Caddy and you'll see why!



The Caddy EPA wood furnace has a secondary air source. The air is pre-heated before it is injected through the perforated stainless steel air tubes located underneath the firebox baffle. This creates a second combustion of particulate emissions before they are released into the atmosphere. You burn less wood and you help the environment.

A unique heat exchanger system

The Caddy provides exceptional efficiency because of its unique **heat exchanger system**. The cylinder-shaped smoke ducts inside the furnace serve as its heat exchangers and ensure rapid heat transfer because of their ideal diameter and thickness. Hot gases wind their way around the **stainless steel deflector** in the combustion chamber and then into the exchangers above it before reaching the main smoke pipe. The heat, which normally dissipates directly into the chimney, instead circulates inside the furnace. The furnace's powerful fan then extracts and pushes all this heat into your heating ducts in uniform fashion throughout the house.

Carefree cleaning

Forget the complicated cleaning that requires you to disconnect and move your furnace! The Caddy has a fully **accessible trap door** right in front of the furnace, from where you can directly clean the heat exchangers and smoke pipe. All you have to do is brush the combustion residue into the combustion chamber and then collect it using the ash drawer.

Optional fuel oil burner

CADDY	
Input capacity	91,000 BTU (27 kW)
Burner orifice	0,65 gal/hr.* (2,46 l/hr.)
Pump pressure	120 PSI
Standard burner	Beckett AFG
Other approved burners	Riello, Aero
Efficiency	82%
Burner location	right
Recommended service clearance (burner)	24"
Optional insulated vestibule for burner	yes
Recommended exhaust pipe diameter	5"
Exhaust pipe location	left

Optional electric elements

CADDY	
Output - recommended electric element	18 kW
Output - other optional electric elements	15, 20 kW
Element location	left
Recommended service clearance (element)	24"

* US Gallon (1 US Gallon = 0,83 Imperial Gallon)

Why choose a PSG furnace?

Flexibility

PSG is synonymous with flexibility. Our furnaces are designed to provide wood central heating with the added option of an **electric element** or **oil unit**, which automatically comes on if the furnace runs out of wood. What's more, all PSG furnaces are controlled by a wall thermostat that gives you the exact comfort level you want for your home and all the protection you need from winter's icy blasts! Whether you're there or not to add wood, you'll enjoy comfortable central heating **without interruption**. And you'll never again be dependent on a single source of energy to guarantee the comfort and safety of your family.

Design

Not all furnaces are created equal. Compare and you'll see the advantages in owning a PSG furnace.

Compact combination models : there's much more to the concept behind our combination furnace than joining together two furnaces that use different energy sources. You know how important it is to **maximize the usable space** in your home. So if you choose the electrical or oil option to go with wood, your PSG furnace will not require any additional space. That's because the electric element or oil unit is fully integrated into the furnace, beneath the combustion chamber.

A furnace designed to last : the combustion chamber in your PSG furnace is entirely lined with heat-resistant bricks, giving it exceptional durability. And the steel it uses is 3/16 inch thick, which is your best guarantee for many years of use. The outer walls are treated with a special zinc-base coating to provide long-term rust protection. You can thus install your furnace with full peace of mind in a basement or any other place where the humidity level may be higher.

Easy maintenance : PSG has made furnace cleaning easier than ever before. Our furnaces come with a practical 16-inch long ash drawer that allows a large quantity of ashes to accumulate before they have to be removed.

Performance

No-one today considers using wood as a heating source without first looking at its energy efficiency and environmental impact. PSG furnaces are built with these concerns squarely in mind. The hot gases and smoke wind their way through a fire screen and out the chimney. The result is superb efficiency and a significant reduction of polluting emissions and creosote deposits in the chimney. Thanks to its ingenious design, your PSG furnace will heat your home over the entire night with a single load of wood.†

Multiple uses

Whatever your needs – residential, commercial or industrial – there's the right PSG furnace for you. For example, the mammoth PSG 5000 industrial furnace (see page 7), which weighs more than 1,200 pounds, is designed to meet the heating needs of greenhouses, garages, wood-processing plants and other buildings with an area of up to 10,000 square feet.

Wood and combination furnace



Wood and combination furnace
mini-caddy

Technical data

furnace and components	MINI-CADDY
Fuel	wood
Maximum input capacity	75,000 BTU (21.6 kW)
Maximum output capacity	63,750 BTU (18.7 kW)
Average output capacity	41,440 BTU (12.2 kW)
Integrated thermostatic control	yes
Efficiency	85%
Loading capacity	up to 30 pounds (14 kg)
Flue spigot diameter	6" (152 mm)
Recommended exhaust pipe diameter	6" (152 mm)
Type of chimney required	2100°F (1150°C)
Recommended chimney diameter	6" (152 mm)
Furnace exterior dimensions	23 1/4"W x 39 3/4"D x 45 5/8"H
Firebox dimensions	14"W x 19 3/8"D x 12"H
Door opening dimensions	13 1/2"W x 9 5/8"H
Door type	glass with cast iron frame
Hot air plenum dimensions	12" x 12" OR 12" round using the PSG distribution box
Cold air plenum dimensions	22 3/8"W x 13 5/8"D OR adapter plate with eight 5" outlets (supplied with the PSG distribution box)
Ash pan dimensions	11 3/4"W x 12"D x 2 5/8"H
Number of filters	1
Filters dimensions	15"W x 20"D x 1"H
Blower	1/4 HP Direct drive Four speed
Steel thickness (firebox)	3/16" (5 mm)
Minimum clearance (front)	48"
Minimum clearance (rear)	24" recommended for maintenance
Minimum clearance (sides)	24" recommended for maintenance
Minimum clearance (ducts)	3" for the first 6 feet and 1" thereafter
Recommended service clearance	24"
Weight	405 lbs (184 kg)
Color	Black
Warranty	Limited lifetime warranty
Safety tests standard	Can CSA B366.1-M91, CSA C22.2 No. 236, UL 1995, UL391 3e Ed. rev. 1999
Emissions test standard	EPA
Maximum log length	18"

Optional electric elements

	MINI-CADDY
Output - recommended electric element	11.25 kW
Output - other optional electric elements	N/A
Element location	left
Recommended service clearance (element)	24"

Wood and combination furnaces



2000 to 5000 series

Below, a PSG 2000 wood-oil combo shown with the burner's exhaust pipe coming out on the left side.



The electric element simply slides underneath the firebox.

Below, a PSG 3000 wood-electric combo shown with the electrical element accessible from the left side.



Below, a PSG 4000 wood-oil combo shown with the burner accessible from the right side.



The fuel oil system's combustion chamber simply slides underneath the firebox.

Technical data

furnace and components	PSG 2000	PSG 3000	PSG 4000
Fuel	wood	wood	wood
Maximum input capacity	75,000 BTU (21.9 kW)	120,000 BTU (35.2 kW)	185,000 BTU (54 kW)
Maximum output capacity	47,250 BTU (13.9 kW)	75,600 BTU (22.2 kW)	116,550 BTU (34.2 kW)
Average output capacity	30,715 BTU (9 kW)	49,140 BTU (14.4 kW)	75,760 BTU (22.2 kW)
Integrated thermostatic control	yes	yes	yes
Loading capacity	up to 35 lbs (16 kg)	up to 60 lbs (27 kg)	up to 75 lbs (34 kg)
Flue spigot diameter	6"	6"	7"
Recommended exhaust pipe diameter	6"	6"	7"
Type of chimney required	2100°F (1150°C)	2100°F (1150°C)	2100°F (1150°C)
Recommended chimney diameter	6"	7"	7"
Furnace exterior dimensions	23.5"W x 46"D x 46"H	26"W x 47"D x 48"H	29.75"W x 50"D x 49"H
Firebox dimensions	14"W x 22"D x 12.5"H	16"W x 26"D x 16"H	20"W x 26"D x 16"H
Door opening dimensions	12"W x 13"H	12"W x 13"H	12"W x 13"H
Door type	Double plate steel	Double plate steel	Double plate steel
Hot air plenum dimensions	22.25"W x 26.25"D	24.5"W x 28.25"D	28.5"W x 27.5"D
Cold air plenum dimensions	22.25"W x 15.75"D	24.5"W x 15.75"D	28.5"W x 19.25"D
Ash pan dimensions	12"W x 16"D x 3"H	12"W x 16"D x 3"H	12"W x 16"D x 3"H
Number of filters	2	2	2
Filters dimensions	11"W x 20"D x 1"H	12"W x 24"D x 1"H	12"W x 24"D x 1"H
Blower	1/3 HP Direct drive Four speed, 950 cfm	1/3 HP Direct drive Four speed, 1300 cfm	1/3 HP (Optional G12 3/4 HP, belt driven) Direct drive Four speed, 1300 cfm
Steel thickness (firebox)	3/16"	3/16"	3/16"
Minimum clearance (front)	48"	48"	48"
Minimum clearance (rear)	29" recommended for servicing	29" recommended for servicing	29" recommended for servicing
Minimum clearance (sides)	24" recommended for servicing	24" recommended for servicing	24" recommended for servicing
Minimum clearance (ducts)	6" for the first 6 feet and 2" thereafter	6" for the first 6 feet and 2" thereafter	6" for the first 6 feet and 2" thereafter
Recommended service clearance (blower)	29"	29"	29"
Weight	450 lbs (205 kg)	540 lbs (245 kg)	600 lbs (273 kg)
Color	Green	Green	Green
Warranty	Limited lifetime warranty	Limited lifetime warranty	Limited lifetime warranty
Tests standard	Can CSA B366.1-M91, CSAB212-93, UL391 3e Ed. rev. 1999	Can CSA B366.1-M91, CSAB212-93, UL391 3e Ed. rev. 1999	Can CSA B366.1-M91, CSAB212-93, UL391 3e Ed. rev. 1999
Maximum log length	20"	24"	24"

Optional fuel oil burner

	PSG 2000	PSG 3000	PSG 4000
Input capacity	85,000 BTU (25 kW)	91,000 BTU (27 kW)	120,000 BTU (35 kW)
Burner orifice	0.65 gal/hr.* (2.46 l/hr.)	0.65 gal/hr.* (2.46 l/hr.)	0.75 gal/hr.* (2.84 l/hr.)
Pump pressure	110 PSI	120 PSI	150 PSI
Standard burner	Beckett AFG	Beckett AFG	Beckett AFG
Efficiency	82%	82%	82%
Burner location	right	right	right
Recommended service clearance (burner)	24"	24"	24"
Optional insulated vestibule for burner	no	yes	no
Recommended exhaust pipe diameter	5"	5"	5"
Exhaust pipe location	left	left	left

Optional electric elements

	PSG 2000	PSG 3000	PSG 4000
Output - recommended electric element	15 kW	18 kW	20 kW
Output - other optional electric elements	18 kW	15, 20, 25 kW	18, 25, 30 kW
Element location	left	left	left
Recommended service clearance (element)	24"	24"	24"

* US Gallon (1 US Gallon = 0,83 Imperial Gallon)

Below, a PSG 4500 wood-electric combo shown with the electrical element accessible from the left side.



Below, a PSG 5000 wood-electric combo shown with one of the two electrical elements accessible from the left side. (The other one from the right side)



Technical data

furnace and components	PSG 4500	PSG 5000
Fuel	wood	wood
Maximum input capacity	235,000 BTU (69 kW)	350,000 BTU (103 kW)
Maximum output capacity	148,050 BTU (43,4 kW)	220,500 BTU (64,6 kW)
Average output capacity	96,235 BTU (28,2 kW)	143,325 BTU (42 kW)
Integrated thermostatic control	yes	yes
Loading capacity	up to 100 lbs (45 kg)	up to 175 lbs (80 kg)
Flue spigot diameter	8"	8"
Recommended exhaust pipe diameter	8"	8"
Type of chimney required	2100F (1150°C)	2100F (1150°C)
Recommended chimney diameter	8"	8"
Furnace exterior dimensions	34"W x 53"D x 48"H	54"W x 55"D x 57"H
Firebox dimensions	24"W x 28"D x 17"H	40,5"W x 27,25"D x 18,25"H
Door opening dimensions	12"W x 13"H	20"W x 13"H
Door type	double plate steel	double plate steel
Hot air plenum dimensions	32,5"W x 30"D	51,25"W x 32"D
Cold air plenum dimensions	32,5"W x 19,25"D	51,25"W x 19,75"D
Ash pan dimensions	12"W x 16"D x 3"H	20"W x 22"D x 5,5"H
Number of filters	2 (steel)	2 (steel)
Filters dimensions	12"W x 24"D x 1"H	24"W x 24"D x 1"H
Blower	3/4 HP Belt driven 2 speed, 1800 cfm	2 x 3/4 HP Belt driven 2 speed, 3600 cfm
Steel thickness (firebox)	3/16"	3/16"
Minimum clearance (front)	48"	48"
Minimum clearance (rear)	29" recommended for servicing	29" recommended for servicing
Minimum clearance (sides)	24" recommended for servicing	24" recommended for servicing
Minimum clearance (ducts)	6" for the first 6 feet and 2" thereafter	6" for the first 6 feet and 2" thereafter
Recommended service clearance	29"	29"
Weight	660 lbs (300 kg)	1200 lbs (545 kg)
Color	green	green
Warranty	Limited lifetime warranty	Limited lifetime warranty
Tests standard	Can CSA B366.1-M91, CSAB212-93, UL391 3e Ed. rev. 1999	Can CSA B366.1-M91, CSAB212-93, UL391 3e Ed. rev. 1999
Maximum log length	24"	24"

Optional fuel oil burner

	PSG 4500	PSG 5000
Input capacity	150,000 BTU (44 kW)	N/A
Burner orifice	1.0 gal/hr.* (3.79 l/hr.)	N/A
Pump pressure	120 PSI	N/A
Standard burner	Beckett AFG	N/A
Efficiency	82%	N/A
Burner location	right	N/A
Recommended service clearance (burner)	24"	N/A
Optional insulated vestibule for burner	no	N/A
Recommended exhaust pipe diameter	6"	N/A
Exhaust pipe location	left	N/A

Optional electric elements

	PSG 4500	PSG 5000
Output - recommended electric element	25 kW	50 kW (2x25 kW)
Output - other optional electric elements	20, 30 kW	40 kW (2x20 kW), 60 kW (2x30 kW) (special order)
Element location	left	One on each side
Recommended service clearance (element)	24"	24"

* US Gallon (1 US Gallon = 0,83 Imperial Gallon)

Add-on wood furnaces



AN caddy



AN 30



If you already have a forced air central heating system that uses oil and you want the flexibility of using wood with it, the PSG AN 30 and AN Caddy are the ideal choice. These units, which can be installed on the left or right side of your existing system, share the furnace's controls and fan, giving you a fully harmonized wood/oil combination system.

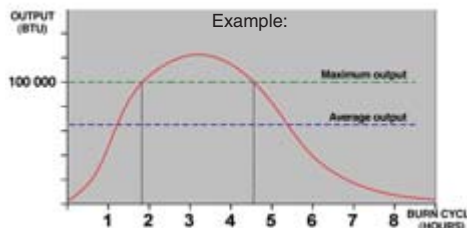
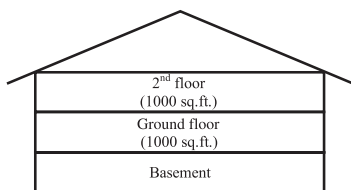
Depending on your criteria, e.g., heating capacity, dimensions and efficiency, you can choose between the AN 30 and AN Caddy wood furnaces. Even though these two models have almost the same technical specifications, their combustion technology is based on important differences. The AN 30 uses conventional combustion technology, while the Caddy add-on has been specifically designed to meet the most stringent combustion standards in North America, namely those applied by the Environmental Protection Agency (EPA). The AN Caddy, which provides up to 30% savings in heating wood and a reduction in pollutants of up to 90%, is the cleanest and most efficient product ever produced by PSG. You'll see why when you contemplate the fire through the **glass door** of your AN Caddy!

Technical data

wood add-on and components	AN CADDY	AN 30
Fuel	wood	wood
Existing furnace	fuel oil, gas, electric	fuel oil
Maximum input capacity	140,000 BTU (41 kW)	120,000 BTU (35.2 kW)
Maximum output capacity	102,200 BTU (31 kW)	75,600 BTU (22.2 kW)
Average output capacity	66,430 BTU (19.5 kW)	49,140 BTU (14.4 kW)
Loading capacity	up to 55 lbs (25 kg)	up to 60 lbs (27 kg)
Flue spigot diameter	6"	8"
Recommended exhaust pipe diameter	6"	8"
Recommended chimney diameter	7"	8"
Furnace exterior dimensions	25,75"W x 29,5"D x 48"H	25,75"W x 34,5"D x 48"H
Firebox dimensions	17"W x 22,5"D x 16"H	16"W x 26"D x 16"H
Door opening dimensions	13,75"W x 10"H	12"W x 13"H
Door type	Glass with cast iron frame	Double plate steel
Connection with existing furnace	left or right	left or right
Air inlet duct dimensions	14,5"H x 22"W	14,5"H x 22"W
Hot air plenum dimensions	24,5"W x 28,25"D	24,5"W x 33,5"D
Ash pan dimensions	12"W x 16"D x 3"H	12"W x 16"D x 3"H
Steel thickness (firebox)	3/16"	3/16"
Minimum clearance (front)	48"	48"
Minimum clearance (rear)	24"	24"
Minimum clearance (sides)	6"	6"
Minimum clearance (ducts)	6" for the first 6 feet and 1" thereafter	6" for the first 6 feet and 2" thereafter
Weight	445 lbs (202 kg)	400 lbs (181 kg)
Color	green	green
Warranty	Limited lifetime warranty	Limited lifetime warranty
Safety tests standard	CSA B366.1-M91, ANSI/UL, 391-2004	CSA B366.1-M87
Emissions test standard	EPA	N/A
Maximum log length	22"	24"

Guidelines for selecting your wood furnace

Area to heat	Model*
600 to 1,100 square feet	PSG2000, Mini-Caddy
1,000 to 1,500 square feet	PSG3000
800 to 1,700 square feet	Caddy
1,500 to 2,000 square feet	PSG4000
1,800 to 3,000 square feet	PSG4500
More than 3,000 square feet	PSG5000 (commercial and industrial applications)



Estimate of the area to heat

Assuming that the wood furnace is located in the basement, take 100% of the ground floor surface and add 50% of the 2nd floor. For instance, a home with a ground floor and second floor each having a surface of 1,000 square feet will require a furnace capable of heating a minimum area of 1,500 square feet: 1,000 sq.ft. + (1,000 sq.ft. x 50%) = 1,500 sq.ft. Please note that this estimate does not replace a detailed calculation performed by a heating specialist.

Notes*

Each home is unique and may require an appliance with a higher or lower heat output. Numerous factors may influence the size and type of model required. Those factors include, but are not limited to: overall insulation of walls and windows, ceiling height, the number of windows, exposition to wind, geographical area (climate), and the temperature comfort zone required by the occupants of the house. It is highly recommended that you consult a heating specialist for both the selection of your furnace and its installation. The heating specialist's judgment is required. The user must also take into consideration that a wood appliance is rarely used at a continuous output level. The maximum heat output is reached during approximately 30% of a regular combustion cycle.

Coming up for 2009

Large, high-efficiency wood furnace



- Secondary combustion
- 4.5 cu. ft. firebox
- Wood/oil or wood/electric combo available
- 4-speed blower control
- Removable blower module

Pellet furnace



- 200 lbs hopper capacity
- Heat output range of 12,500 to 100,000BTU
- Wood/electric combo available
- 4-speed blower control
- Electronic ignition

Suspended fuel oil unit heater

6500 series



Rear view with direct-vent system

Ideal for commercial and industrial buildings

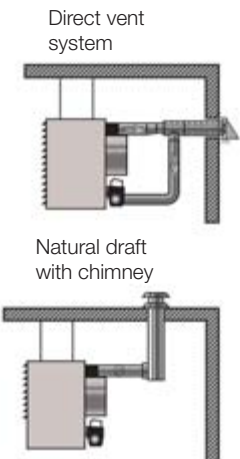
The suspended PSG 6500 fuel oil unit heater is designed for **commercial** and **industrial** uses. It is a simple and reliable product that your enterprise can count on. Even though it is designed to be suspended, the PSG 6500 can also be installed on a non-combustible stand with clearance space of 6 inches to the combustible floor material. The adjustable louvers at the front of the PSG 6500 enable you to direct the heat where you most need it.

Easy to install

The PSG 6500 can be installed conventionally, i.e., with a chimney or directly through a wall with the PSG direct vent kit. This flexibility gives you all the options whether you install your PSG 6500 in a new building or use it to replace an old space heater.

Technical data

unit heater and components	PSG 6500
Fuel	oil
Type of venting	With chimney or direct-vent
Input capacity	90,000 BTU (26 kW)
Output capacity	75,000 BTU (22 kW)
Burner orifice	0.65 gal/hr.* (2,46 l/hr.)
Standard burner model	Beckett AFG
Efficiency	83.4%
Integrated thermostatic control	yes
Recommended exhaust pipe diameter	5"
Type of chimney required	L-vent for oil or PSG DV Kit
Recommended chimney diameter	5"
Unit heater exterior dimensions	20"W x 37"D x 39"H
Blower	1/6 HP 16" Dia., 22" pitch 1075 rpm / 1750 cfm
Steel thickness (combustion chamber)	16 Ga H.R.
Adjustable louvers	yes
Minimum clearance (underneath the unit)	6"
Minimum clearance (front of unit)	48"
Minimum clearance (rear of unit)	24"
Minimum clearance (side of unit)	6"
Recommended service clearance (burner)	24"
Weight	190 lbs (86 kg)
Color	grey
Warranty	Limited lifetime warranty
Safety tests standard	CSA B140.4 (C2001), UL731-1995



* US Gallon (1 US Gallon = 0,83 Imperial Gallon)

Oil-fired stoves



Ease and simplicity

PSG's oil stoves are proven industry leaders when it comes to auxiliary heaters. They light manually in a few short minutes and provide **continuous heat**, with the intensity controlled by a 6-position carburetor. Nothing could be easier! There's no need to be adding oil constantly. Oil is fed by gravity from the oil reservoir, which makes your stove completely **autonomous**. And PSG oil stoves do not require any source of electricity to operate, apart from the optional fan on some models and certain safety devices that may be sold separately.



Optional 36.4 l
(8 gallons*) reservoir.
18,12"W x 4,37"D x 32,12"H

Optional pumping unit.
Pumping capacity up to 50 feet.

Technical data

stove and components	PHENIX	FALCON
Fuel	oil	oil
Color	black	black
Decorative trims	N/A	Gold plated
Door finish	Painted black	Gold plated
Maximum input - oil #1	37,150 BTU (10,9 kW)	25,765 BTU (7,5 kW)
Maximum input - oil #2	33,150 BTU (9,7 kW)	19,625 BTU (5,7 kW)
Minimum input - oil #1	20,450 BTU (5,9 kW)	12,885 BTU (3,7 kW)
Minimum input - oil #2	16,600 BTU (4,8 kW)	9,480 BTU (2,7 kW)
Efficiency	73%	81,5%
Maximum consumption - oil #1	0,22 gal/hr.* (1,03 l/hr.)	0,19 gal/hr.* (0,72 l/hr.)
Maximum consumption - oil #2	0,21 gal/hr.* (0,96 l/hr.)	0,14 gal/hr.* (0,53 l/hr.)
Minimum consumption - oil #1	0,13 gal/hr.* (0,59 l/hr.)	0,10 gal/hr.* (0,36 l/hr.)
Minimum consumption - oil #2	0,11 gal/hr.* (0,52 l/hr.)	0,07 gal/hr.* (0,26 l/hr.)
Exhaust pipe location	rear	rear
Recommended exhaust pipe diameter	5"	5"
Type of chimney required	L-vent for oil	L-vent for oil
Recommended chimney diameter	5"	5"
Minimum draft required	0,05 INWC	0,05 INWC
Burner type	10" dia. (yellow flame)	7" dia. (yellow flame)
Type of carburetor	OCI / 6 positions	OCI / 6 positions
Stove exterior dimensions	20"W x 22,5"D x 35"H	18"W x 18"D x 26,25"H
Glass type	Borosilicat	Borosilicat
Optional blower	yes	no
Optional decorative log set	no	no
Minimum clearance (back)	10" (A)	12" (A)
Minimum clearance (sides)	12" (B)	16" (B)
Minimum clearance (corners)	10" (C)	16" (C)
Weight	150 lbs (68 kg)	105 lbs (48 kg)
Warranty	Limited lifetime warranty	Limited lifetime warranty
Tests standard	CSA B 140-3, UL-896	CSA B 140-3, UL-896

* US Gallon (1 US Gallon = 0,83 Imperial Gallon)

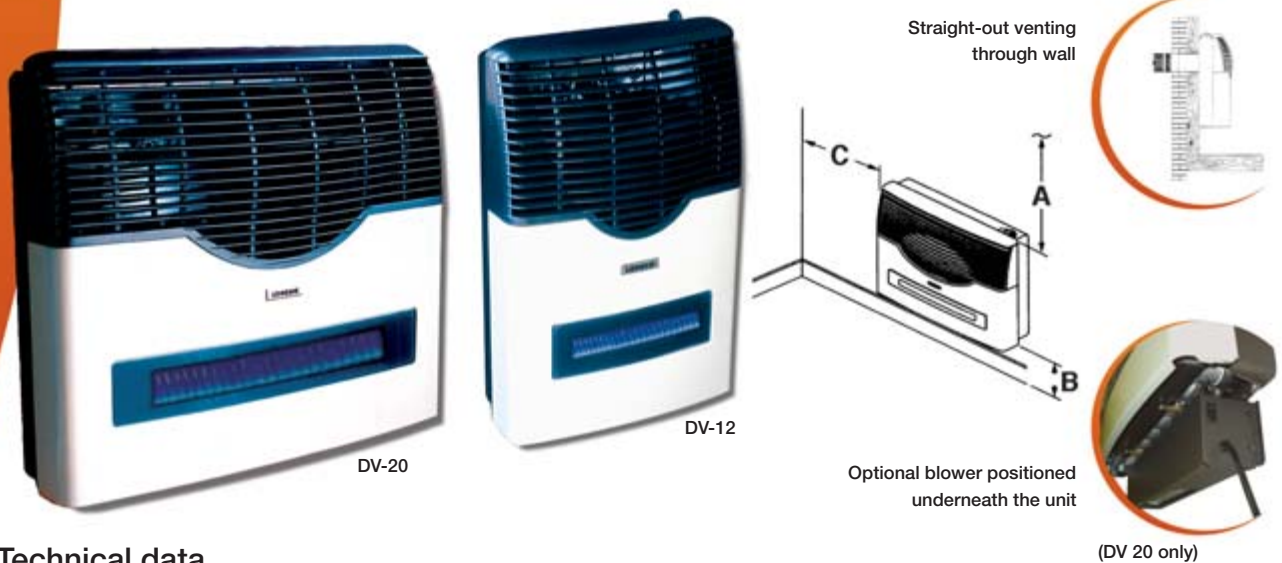
Wall mounted gas heaters

Longvie series



Functional, simple and elegant

Wall gas heaters aren't what they used to be. No more square boxes! With the Longvie wall heaters, you can now heat the space you want to, with style and efficiency. The blue and yellow flame is always visible when your heater is operating, and a thermostat forming part of the heating unit increases or decreases the gas flow to keep the heat at the desired level. The Longvie wall heaters also come with a vent kit that allows the gas to be vented through a coaxial pipe positioned directly behind the unit. This is a fully-sealed combustion/exhaust system that **does not require a chimney**. And **no electrical source is required** to operate the Longvie heaters, apart from the optional blower on model DV 20.



Technical data

wall heater and components	DV20	DV12
Fuel	natural gas or propane	natural gas or propane
Cabinet color	ivory	ivory
Grille color	anthracite	anthracite
Maximum input - NG or LP	18,000 BTU (5,3 kW)	10,000 BTU (2,9 kW)
Minimum input - NG or LP	6,000 BTU (1,8 kW)	3,100 BTU (0,9 kW)
Maximum output - NG or LP	13,500 BTU (4 kW)	7,500 BTU (2,2 kW)
Minimum output - NG or LP	4,500 BTU (1,3 kW)	2,170 BTU (0,6 kW)
Efficiency	75%	75%
Gas inlet diameter	3/8"	3/8"
Venting system included	yes	yes
Exhaust pipe diameter	6" X 3,5"	4,25" X 2,5"
Maximum wall thickness	13,5"	13,5"
Minimum wall thickness	4,5"	4,5"
Security control	Overheat cut-off switch	Overheat cut-off switch
Unit dimensions	26"W x 22,63"H x 8,25"D	15"W x 22,63"H x 7 1/8"D
Optional blower	yes	no
Minimum clearance (top) A	24"	24"
Minimum clearance (floor) B	7"	7"
Minimum clearance (sides) C	6"	6"
Weight	54 lbs (24 kg)	30 lbs (13,6 kg)
Warranty	Limited 5 years	Limited 5 years
Tests standard	ANSI Z21.86b, CSA 2.32b 2002	ANSI Z21.86b, CSA 2.32b 2002



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