

CARBON NEUTRAL



NEWMAC WAO-E LOW EMISSION Wood Add-On Furnace

CSA B415.1 APPROVED



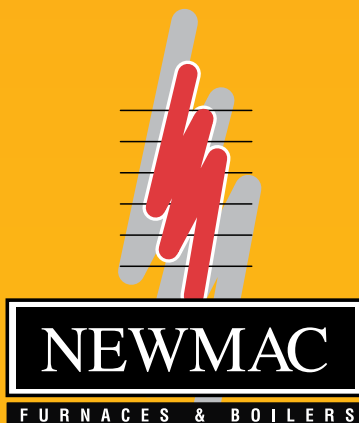
When you recommend a Newmac furnace, you are recommending the best. Our high-quality, efficient furnaces have been providing consistent heat and comfort to home owners since 1974.

Head Office

P.O. Box 9, Debert, Nova Scotia, B0M 1G0
Phone: 902-662-3840 | Fax: 902-662-2581
Email: newmac@newmacfurnaces.com

Ontario Office

430 Springbank South, Woodstock, Ont. N4V 1B2
Phone: 519-539-6147 | Fax: 519-539-0048
Email: newmac@newmacfurnaces.com



www.newmacfurnaces.com





STAINLESS STEEL AIR CHUTE



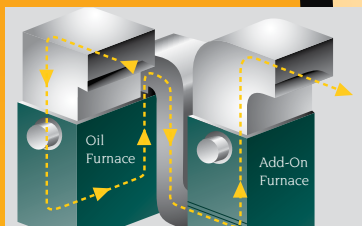
STAINLESS STEEL SECONDARY AIR SYSTEM



SECONDARY AIR INLET



LOWER PRIMARY AIR INLET



INLINE DUCTWORK



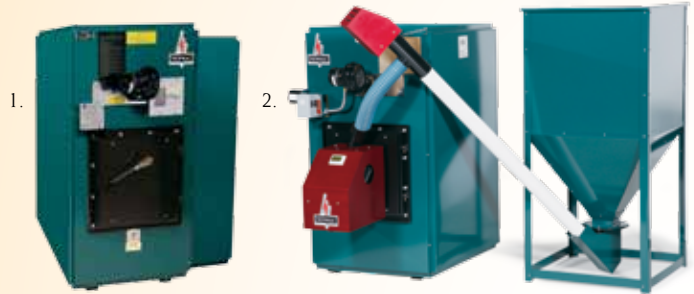
FORCED DRAFT SYSTEM

Solid Fuel Features

- Installs with any residential oil fired furnace with a firing rate of 0.75 to 1.1 usgph
- Average Wood Output 90,000 btu/h
- CSA B415.1 Approved
- Average Delivered Efficiency 78.6%
- 7" Flue Pipe Diameter
- Preheated Primary and Secondary Air
- Lower Primary Air Inlet for minimum clean burning combustion
- Primary Air Control Damper for adjustable burn rate
- Thermostatically Controlled Forced Draft System
- Stainless Steel Secondary Air System delivers super-heated air into the firebox igniting wood gases which increases efficiency while reducing wood consumption
- Engineered Stainless Steel Baffle design increases firebox temperature to burn particulates, reduce carbon monoxide and smoke resulting in cleaner air and very low emission rates
- 14 ga Heat Exchanger
- 24" long firebrick lined firebox
- Large loading door with stainless steel airchute
- Stack baffle
- Cleanout tools included
- Left or right return location by movable side panel
- Gravity heat during power failure with correct duct design

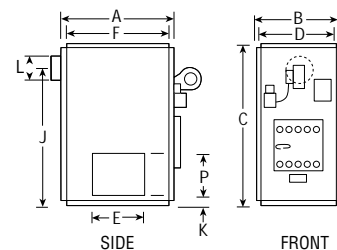
Options

1. G12 blower assembly for stand alone installation
2. Pellet fuel burner/hopper assembly with 2 stage operation



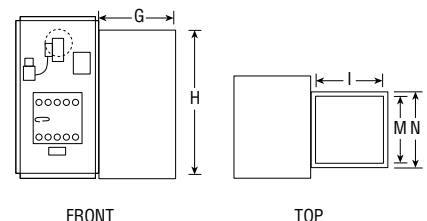
WA0-E Footprint

A	Length	31-1/4"
B	Width	26"
C	Height	45-3/4"
D x F	Warm Air Plenum	24-1/4" x 29-1/2"
P x E	Return Air Opening	14" x 16-1/8"
L	Flue Pipe Diameter	7"
J	Floor to Centre of Flue Pipe	38"
K	Floor to Bottom of Return	2"



Blower Option

G	Width	26"
H	Height	42"
N	Length	24-1/4"
I x M	Return Air	24" x 22-1/4"



WA0-E Specifications

Average Wood Output (btu/h)	90,000
Delivered	78.6 %
HHV	77.2 %
LHV	83.2 %
CFM	1200
Ex. Static	0.20" w.c.
Flue Pipe Dia.	7"
Firebox Dimension	24" L x 18" H x 14" W
Firedoor	14" x 14"
Weight	450 lbs.
Avg. Emission Rate	1.93 g/hr.(0.033 g/MJ)
Avg. Electrical Power Consumption	0.315 kw

Due to continuous development and improvement program, specifications are subject to change without notice.

Approvals

- Solid Fuel Certification: Can/CSA B366.1, UL 391
- Emission Standard: CSA B415.1
- Applicable Installation Standards: NFPA 31/90B/211 CSA B365 & NBC

Newmac or its products are certified, listed or members of:



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