



# VC 120 HIGH EFFICIENCY WOOD FURNACE

WOOD ONLY OR ADD-ON TO
— GAS, ELECTRIC OR OIL —



# HIGH EFFICIENCY

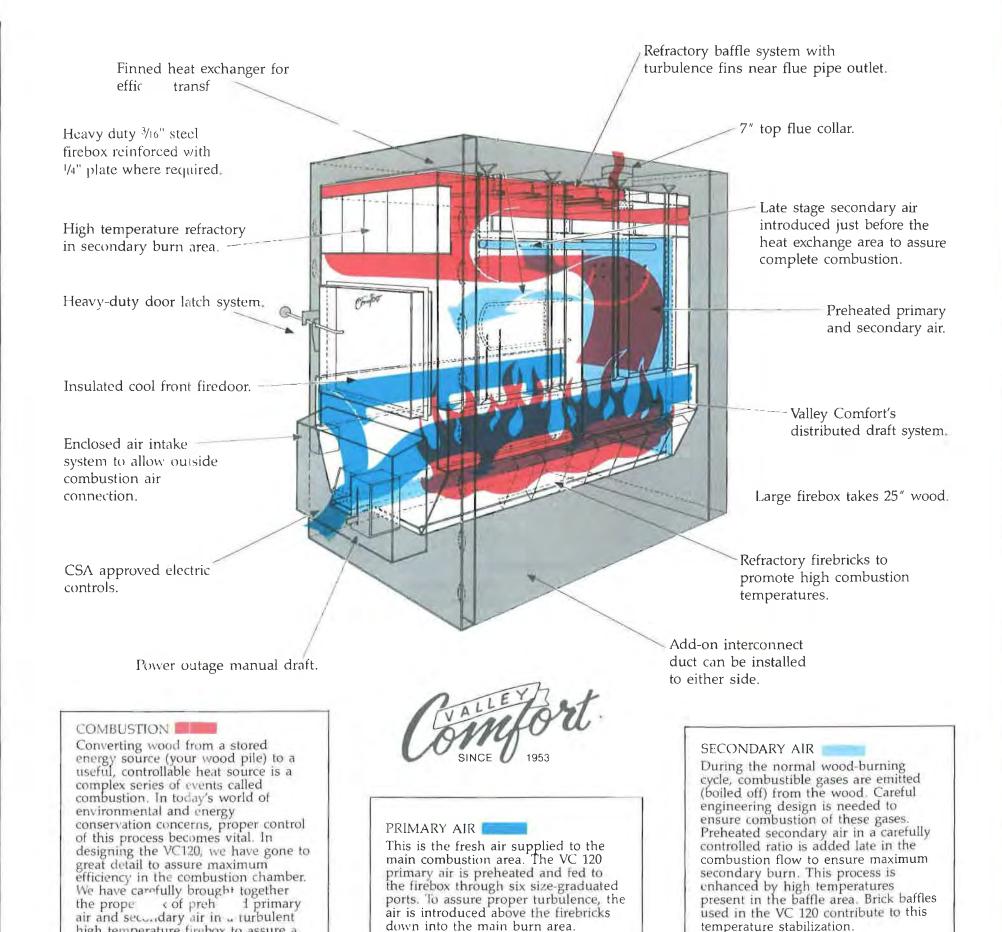
# HIGH OUTPUT

As a leader in the wood-burning furnace industry in Canada we are proud to present our VC 120. The VC 120 brings the latest available technology right into your home. Wood heat has always been a comfortable, reliable source of home heat. Our main objective in developing the VC 120 was to advance the state of the art, keeping in step with new technology.

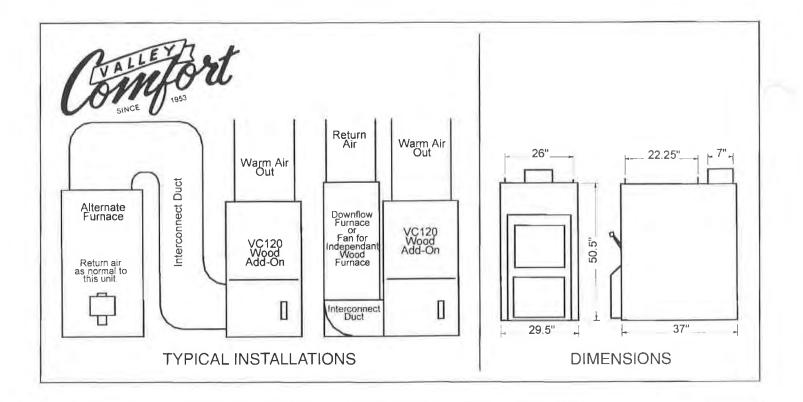
Environmental concerns are now shared by most people on a global scale. You can address those concerns on a personal level by assuring maximum efficiency in your wood-burning system and methods. Energy efficiency goes hand in hand with environmental protection. To that end, the VC 120 was developed to answer these modern day concerns while providing old-fashioned comfort, reliability and economy.

The VC 120 is a high output wood furnace designed for large homes and small commercial installations. Your Valley Comfort dealer will assist you in choosing the correct size furnace for your needs. This furnace has been approved to the latest code requirements and can be used as an add-on to electric, gas or oil furnaces; or as an independent wood furnace with a suitable blower system. When used in combination with an alternate fuel furnace, you get the security and convenience of a back-up system. A unique "power out" capability has been built into the VC 120. This means you have a source of heat even if the house power should fail. Under power-out conditions, the furnace output is limited because there is no distribution fan, but using gravity flow, you will be assured of emergency warmth all the time.

Economical installation costs have also been considered. The 7" top vent flue size reduces overall costs, as does the close clearance approvals for the plenum and duct system. At Valley Comfort, we feel that economy is a long-term consideration. We refuse to cut corners that would comprise our overall product quality. Long-term economy is assured by this commitment to quality. Valley Comfort has been built on this commitment and that is one reason we have been leaders in the industry since 1953.



high temperature firebox to assure a clean-burning, high-output furnace.



# **SPECIFICATIONS & DIMENSIONS** MODEL VC 120

Approvals WH - CSA B366.1M87

Report # 6024

For use with the following installations:

Minimum fan capacity all types 900 cfm

- 1. Independent wood furnace
- 2 Add-on to electric 15 kw. to 30 kw.
- 3. Add-on to gas 80,000 to 140,000 btu.
- 4. Add-on to oil .81 to 1.25 USGPH

Rating

120,000 BTU nominal

Height

50.5"

Width

29.5"

Length

37"

Flue Collar

7" diameter

Weight

900 lbs (shipping)

Flue pipe centre to rear

5.5"

Hot air plenum opening

22.25"Lx26"W

Fire door opening

15"x13"

Firebox:

Length

27"

Width

17"

Height

32"

Capacity

8.5 cu. ft

Fuel length

25"

Recommended draft

.04 water column

Controls: All included, CSA approved

### Clearance to combustibles:

2" Plenum

MOOD

2"

8"

ENERGY

TECHNOLOGY

TRANSFER

WARNOCK HERSEY

First 6' of duct

One side

Opposite side 18"

Front 48"

Flue 18"

### Construction:

3/16" Firebox

Cast Iron Side Plates

3/16" Heat Exchanger

20 Gauge Cabinet

Brick Baffles & Firebox Liners

## Firebox design:

- 1. Distributed primary preheated air
- 2. Post burn secondary preheated air
- 3. Brick baffle system.

### **Limited Warranty:**

5 years on combustion chamber

1 year on electrical parts

# **AUTHORIZED DEALER:**



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Vc120bro.pub