



EXCEPTIONAL VISION



PERFORMANCE * Evaporation in gallons of water/hr

DIMENSIONS	RANGE	GALLONS US/HR
18" x 48"	Hobby	9
18" x 48"	Single Pan	12
18" x 48"	Standard	13
18" x 60"	Single Pan	14
18" x 60"	Standard	17
24" x 72"	Accordion Pleats/Folds	22
24" x 72"	Standard	27
24" x 96"	Standard/Deluxe	35
24" x 120"	Standard/Deluxe	47
30" x 120"	Standard/Deluxe	60
36" x 120"	Standard/Deluxe	75
36" x 144"	Standard/Deluxe	90

* Actual performance may differ as it is influenced by several factors.





INSTRUCTIONS FOR OPTIMAL RESULTS

EVAPORATOR AND CHIMNEY INSTALLATION COMPLIANCE

- Respect the minimum chimney length of 16 ft. (4.88 m) while complying with the installation conditions (see **SECTION 3 of your User Manual**).
- Ensure the conformity of the installation of the insulating materials: insulating panels, bricks and insulating mat.
- Ensure that the evaporator and the hot and cold water boxes are perfectly level.

TYPE OF WOOD USED

- Poor wood quality, moisture content above 20%, and a lack of dedication to reloading time can reduce the performance of the VISION®.
- Be sure to use the recommended size logs for your evaporator model. Refer to **Table 3 in SECTION 5 of your User Manual**.

PREVENTIVE MAINTENANCE

- Regularly check the condition of the gasket between the pans and the stove, the gaskets between the pans, if applicable, as well as the insulation and the door gasket. Replace them if necessary.
- If you move the back pleated pan, be sure to replace the wool on the deflector, if necessary.
- Clean the underside of the pleated pan and syrup pans on a regular basis to avoid excess ash buildup which reduces heat transfer and can decrease evaporator performance by up to 50%.



EVAPORATOR OPERATING PROCEDURES

- Actual evaporation performance is measured when the evaporator has reached its maximum temperature, i.e. after a minimum of one hour of operation at high speed.
- The combustion air damper must be opened to the maximum.
- Lift cap when in operation, if applicable.
- Make sure to respect height of wood loading in the hearth of the furnace between the middle and 3/4 of the glass.
- The duration of a reload may vary depending on the quality of the wood, the size of the logs and the amount of wood added to each reload. For optimum performance, reload approximately every 10 minutes.
- Minimize the time the door is open when loading wood to minimize the drop in temperature of the furnace hearth.
- For the Standard and Deluxe models, maintain a level of 1 inch above the pleats/folds for the rear boiling pan and 2 inches for the front flat syrup pans during boiling. For accordion pleated pans, refer to the User Manual.

VARIOUS CONDITIONS

- Certain adverse weather conditions, such as high winds, high humidity or other conditions, may affect the performance of the evaporator.
- Depending on the size and VISION® model, various boiling distributions can be found in the back pleated pan, without affecting its performance.



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