

Hurricane FORCE 5

THE REAL GASIFIER

VARIABLE BURN RATE

The force 5 unique variable speed blowers allow you to control the evaporation rate to best suit the sap quality and it's degree of concentration.

« Nothing else can promise you that »

The longest reload time available on the market !!

The Force-5 consumes 50% less firewood than a conventional wood-arch for the same evaporation.

Wood Consumption/hour

Width	Length	Wood Cubic feet/hour
3'	12'	8.3
3 1/2'	12'	9.6
3 1/2'	14'	11.2
4'	12'	11
4'	14'	12.8
4'	16'	14.7
5'	14'	16
5'	16'	18.3
6'	14'	19.3
6'	16'	22

45 to more than 60 minutes between reloads depending on the wood

- Safe
- Energy Efficient
- Environmentally friendly
- Total evaporation management
- Total operation comfort
- No flying embers
- No sparks
- No soot and creosote
- No smoke
- No flames out the smoke stack
- No energy loss, walls stay cool

THE FORCE 5 EVAPORATOR IS THE CLOSEST YOU CAN GET TO THE COMFORT OF USING AN OIL FIRE ARCH WITH A WOOD LOG FURNACE!

JUST A CLEAN BURN

85% efficiency versus 45% for a conventional wood evaporator.



Real gasification in action

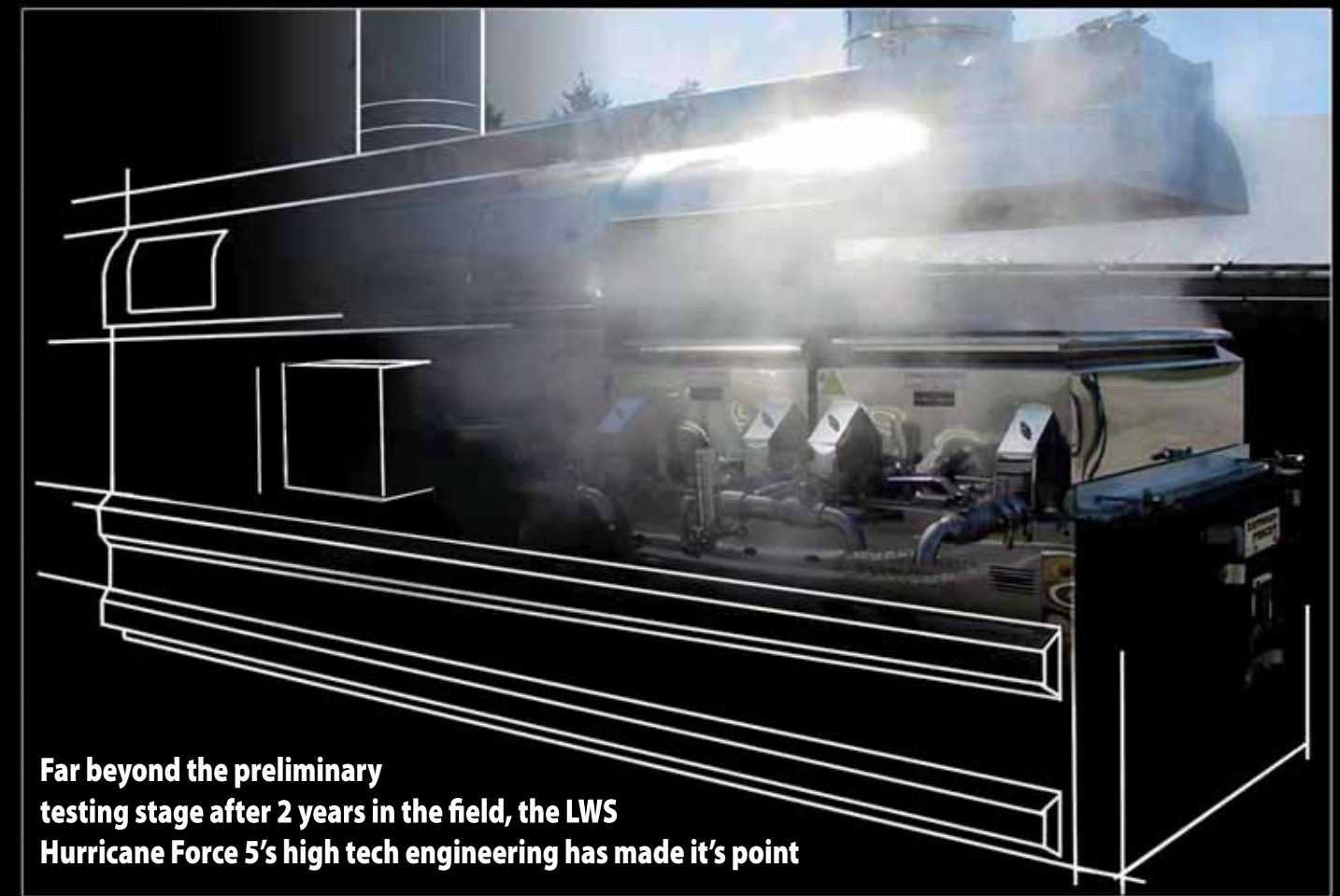


Enhanced super heavy duty construction

Strong firebox with factory installed bricks and moulded refractory cement.

No grates to warp.

Load wood with no damage !



Far beyond the preliminary testing stage after 2 years in the field, the LWS Hurricane Force 5's high tech engineering has made it's point

ASK FOR THE GENUINE GASIFIER! IMITATED BUT NEVER EQUALLED...

Performance

Width	Length	Boiling Rate G/H	Boiling Rate USG/H
3'	12'	108 +/- 20%	130 +/- 20%
3 1/2'	12'	120 +/- 20%	144 +/- 20%
3 1/2'	14'	147 +/- 20%	176 +/- 20%
4'	12'	155 +/- 20%	186 +/- 20%
4'	14'	168 +/- 20%	201 +/- 20%
4'	16'	192 +/- 20%	230 +/- 20%
5'	14'	210 +/- 20%	252 +/- 20%
5'	16'	240 +/- 20%	288 +/- 20%
6'	14'	252 +/- 20%	302 +/- 20%
6'	16'	288 +/- 20%	345 +/- 20%

Performance varies with wood quality
WITH PRE-HEATER: Add 12 to 15% to these boiling rates



Here's what makes the difference !

- 1903.3 FIREBOX BACK °F
- 1652.6 FIREBOX FRONT °F
- 649.3 SMOKE STACK °F
- 198.1 DOOR °F
- 70.9 AMBIANT (OUTSIDE) °F

Temperature Probes reading

