

# TECHNICAL DATA

## General features ♦ WOOD STOVES



Models	Solution 1.4	Solution 1.7	Solution 2.3	Harmony 2.3	Solution 3.3	Solution 3.5
Color	Metallic black					
Combustion technology	Non-catalytic					
Maximum burn time*	5 hours	6 hours	8 hours	8 hours	10 hours	10 hours
Recommended heating area *	250 to 1,200 sq. ft.	500 to 1,800 sq. ft.	500 to 2,100 sq. ft.	500 to 2,100 sq. ft.	900 to 2,300 sq. ft.	1,000 to 2,700 sq. ft.
Overall heat output rate (min. to max.)	12,124 BTU/h to 26,700 BTU/h	15,650 BTU/h to 23,300 BTU/h	14,800 BTU/h to 28,600 BTU/h	14,800 BTU/h to 28,600 BTU/h	15,841 BTU/h to 57,041 BTU/h	18,200 BTU/h to 49,500 BTU/h
Maximum heat output (dry cordwood)	45 000 BTU/h	65,000 BTU/h	75,000 BTU/h	75,000 BTU/h	90,000 BTU/h	110,000 BTU/h
Average particulate emissions rate	1.8 g/h	1.26 g/h	1.54 g/h	1.54 g/h	0.95 g/h	1.32 g/h
Optimum efficiency	80 %	78 %	77 %	77 %	78 %	77 %
Door opening dimensions (W x H)	12" x 7 5/8"	17 1/4" x 8 3/4"	17 1/2" x 9"	17 1/2" x 9"	16" x 12"	19" x 9 7/8"
Firebox dimensions (W x D)	14 1/4" x 19 1/8"	19 5/8" x 13 1/2"	21" x 16 1/2"	21" x 17 1/4"	19" x 21"	22 7/8" x 20 1/8"
Firebox volume	1.7 pi. ft.	1.9 cu. ft.	2.4 cu. ft.	2.4 cu. ft.	3.3 cu. ft.	3.5 cu. ft.
Glass viewing area (W x H)	10 1/4" x 8 7/8"	15 7/8" x 9 7/8"	16 5/8" x 10 5/8"	16 1/2" x 10 1/8"	14 5/8" x 11 3/4"	18 3/4" x 12 1/2"
Maximum log length	17"	18"	20"	20"	20"	22"
Recommended log length	16"					
Door type - Glass, with cast iron frame	Yes					
Flue spigot diameter	6"					
Type of glass	Ceramic glass					
Approved for a mobile home installation**	Yes					
Approved for an alcove installation	Yes					
Warranty	Limited lifetime					
Test standard - Emissions / efficiency	EPA / CSA B415.1-10					
Test standard - Safety	As per ULC S627, UL 1482, UL 737, NFPA 211, CSA B365 applicable in Canada and in the USA					

\* Recommended heating area and maximum burn time may vary subject to location in home, chimney draft, heat loss factors, climate, fuel type and other variables. The recommended heated area for a given appliance is defined by the manufacturer as its capacity to maintain a minimum acceptable temperature in the designated area in case of a power failure.

\*\* Fresh air intake kit required.

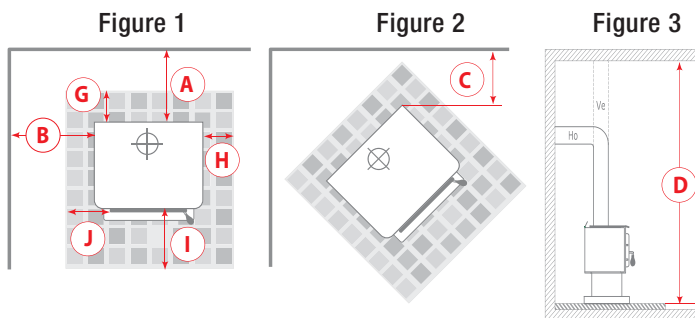
# TECHNICAL DATA

## Specific features ♦ Wood stoves

Models	Solution 1.4	Solution 1.7	Solution 2.3	Harmony 2.3	Solution 3.3	Solution 3.5
<b>Exterior dimensions and weight</b>	on legs	on pedestal	on pedestal	on legs	on pedestal	on pedestal
Width	20"	24 7/8"	27"	25 3/4"	24 1/4"	28 1/8"
Depth	27 7/8"	23 5/8"	26 1/4"	25 5/8"	30 7/8"	33 1/2"
Height	28 7/8"	30 1/8"	32 3/4"	30 1/8"	33 3/8"	34 1/8"
Weight	280 lb (127 kg)	341 lb (155 kg)	390 lb (177 kg)	435 lb (198 kg)	472 lb (214 kg)	520 lb (236 kg)
<b>Clearances from unit to combustible materials (figures 1, 2 and 3 below)</b>						
With single wall pipe* (CAN/USA)						
A- Back	14"/12"	14 1/2"/13"	14 1/2"/11"	14 1/2"/11"	14 1/2"/14 1/2"	13 1/4"/13"
B- Side	12"/12"	10"/10"	17"/16"	22"/22"	12"/12"	14"/14"
C- Corner	11"/11"	12"/12"	10"/10"	12"/12"	10"/10"	7 1/4"/7 1/4"
D - Ceiling**	84"					
With double wall pipe (CAN/USA)						
A- Back	6"/6"	7 1/2"/7 1/2"	6"/6"	6"/6"	7 1/2"/7 1/2"	7"/7"
B- Side	12"/12"	10"/10"	17"/16"	22"/22"	12"/12"	14"/14"
C- Corner	6"/6"	12"/12"	7"/7"	12"/12"	8"/8"	7"/7"
D - Ceiling**	84"					
Minimum floor protection in front of unit (CAN/USA)	18"/16"					
<b>Options and required components</b>						
Blower with thermodisk	Optional	Optional	Optional	Optional	Optional	Included
Top air mate	N/A	Optional	Optional	N/A	Optional	Optional
Fresh air intake kit (5" diameter)	Optional	Optional	Optional	Optional	Optional	Optional
Firescreen	Optional	Optional	Optional	N/A	Optional	Optional
<b>Pedestal or leg</b>						
Pedestal and ash drawer	N/A	Optional	Optional	N/A	Optional	Included
Black cast iron legs and ash drawer	N/A	Optional	Optional	N/A	Optional	N/A
Black steel legs and ash drawer	Included	N/A	N/A	N/A	N/A	N/A
Brushed nickel cast iron legs and ash drawer	N/A	Optional	Optional	N/A	Optional	N/A
Harmony legs in smooth cast iron and ash drawer	N/A	N/A	N/A	Included	N/A	N/A
<b>Door finish</b>						
Black cast iron door overlay	N/A	N/A	N/A	Optional	N/A	N/A
Brushed nickel cast iron door overlay	N/A	N/A	N/A	Optional	N/A	N/A

\* Consult local code for minimum clearances of the single wall pipe itself to combustible materials. See also the venting manufacturer's instructions.

\*\* Measured from the base of the appliance. Some appliances have been tested with a low ceiling. Before setting up your unit, refer to the installation manual. Technical data contained in this brochure are for reference only. Any installation must be done according to the data and drawings detailed in the Owner's manual.



	FLOOR PROTECTOR †	
	CANADA	USA
<b>G</b>	8" – Note ‡	N/A (Canada only)
<b>H</b>	8"	N/A (Canada only)
<b>I</b>	18" From door opening	16" From door opening
<b>J</b>	N/A (USA only)	8" From door opening

† Steel with a minimum thickness of 0.015" (0.38 mm) or ceramic tiles sealed together with grout.

No protection is required if the unit is installed on a non-combustible floor (ex: concrete).

‡ The floor protection at the back of the stove is limited to the stove's required clearance if such clearance is smaller than 8 inches (203 mm).