



Brochure for model Spillo



CLEARANCES

TECHNICAL FEATURES

All Ravelli products are manufactured according to the following directives:

- 89/106 EEC construction materials
- 73/23 EEC electrical safety
- 2006/42/EEC machines
- 2004/108 EEC electromagnetic compatibility

And according to the following standards:

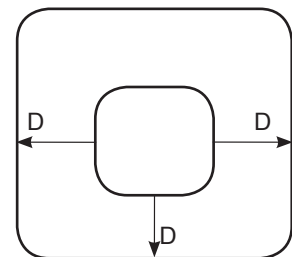
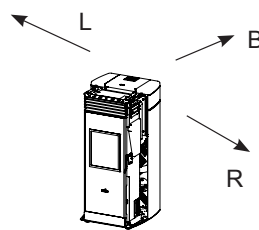
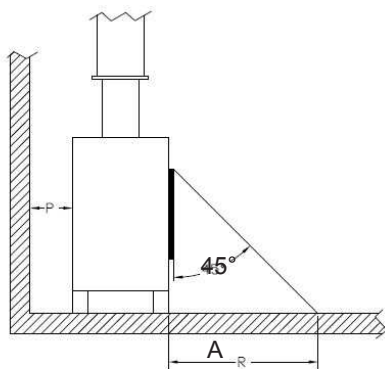
- EN 14785
- EN 60335-1 EN 50165
- EN 292 EN 294 EN 349
- EN 55014.1 EN 61000-3-2 EN 61000-3-3
- EN 55014.2

	Unit of measurement	RV 80	RV 100 Classic	Spillo
Height	Inch	35.46	41.75	30.30
Width	Inch	20.17	22.5	28
Depth	Inch	19.07	24	25.6
Weight	Lbs	271	374	451
Diameter of smoke exit tube	Inch	3.14	3.14	3.14
Min-max. hourly consumption of pellets	Lbs/h	1.1 - 4.3	1.1 - 5.0	1.8-6.6
Supply	V - Hz	120 - 60	120 - 60	120 - 60
Hopper capacity	Lbs	33	66	44
Efficiency	%	89	92	85
Smoke temperature min - max	°F	158 - 195	145 - 255	158 - 195

The data shown above are indicative and not binding. Ravelli reserves the right to make any modifications for the purpose of improving the performances of the product.

Positioning, assembly and installation

Minimum distance from combustible material



	Unit of measurement	RV 80	RV 100 Classic	Spillo
R = right side	Inch/mm	3 / 76,2	11,81 / 300	7,87 / 200
L = left side	Inch/mm	3 / 76,2	11,81 / 300	7,87 / 200
B = rear side	Inch/mm	3 / 76,2	7,87 / 200	7,87 / 200
A = front side	Inch/mm	39,37 / 1000	39,37 / 1000	39,37 / 1000
D = floor protection	Inch/mm	6 / 152,4	6 / 152,4	6 / 152,4

Maintenance and cleaning:

Before carrying out any maintenance operation take the following precautions:

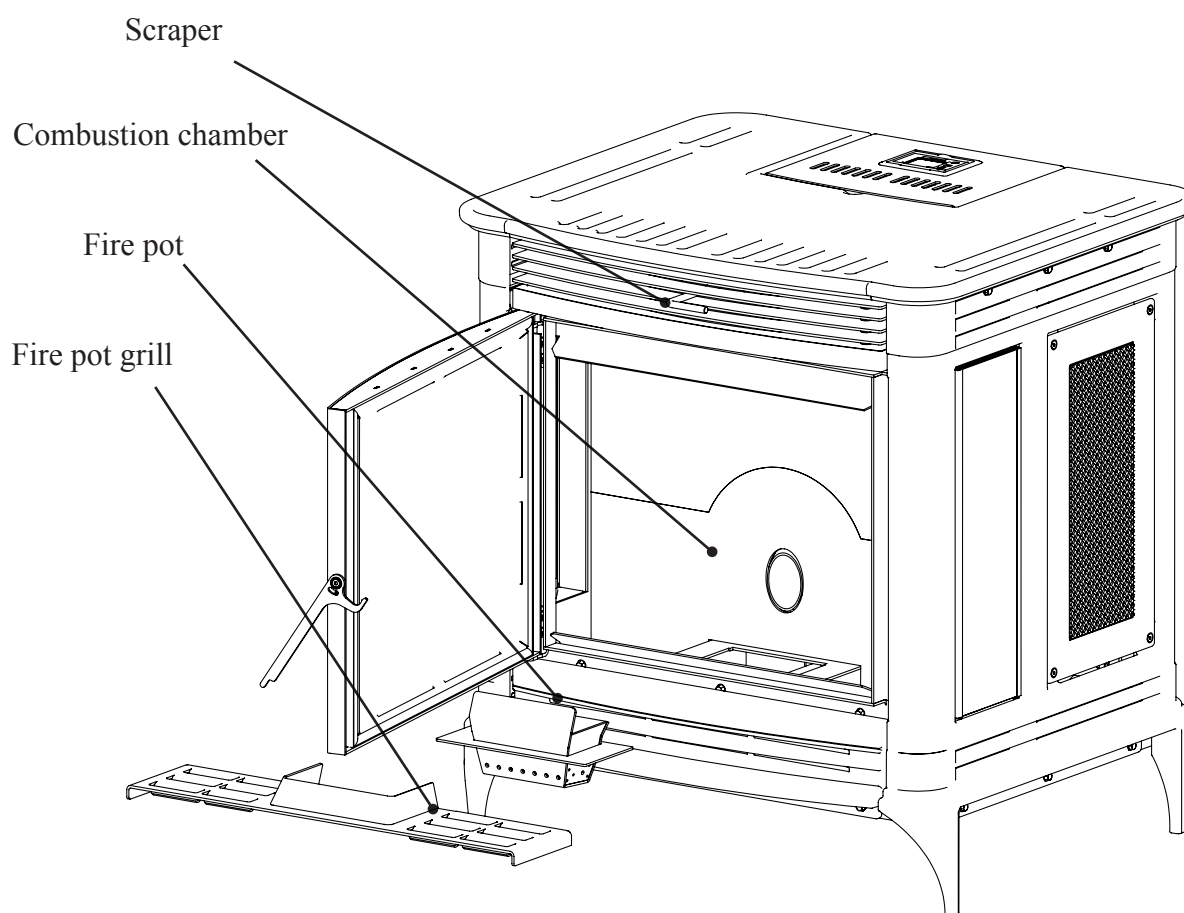
- Make sure that the general power switch has been disconnected.
- Make sure that all the parts of the stove are cold.
- Make sure that the ashes have cooled completely.
- Always use appropriate tools for maintenance.
- When you have finished maintenance reinstall all the safety guards before using the stove again.

The stove requires little maintenance if a quality pellet is used. Therefore it is difficult to establish how often the stove needs to be cleaned. The quality of the pellet and the combustion adjustment are crucial.

Cleaning the combustion chamber:

The stove requires simple but frequent cleaning to guarantee an efficient yield and correct functioning.

Therefore, clean the combustion chamber every day using a drum-type vacuum cleaner, making sure that the ashes have gone out completely.

**Cleaning the fire pot:**

Clean the fire pot as described in the dedicated chapter of the instruction manual.

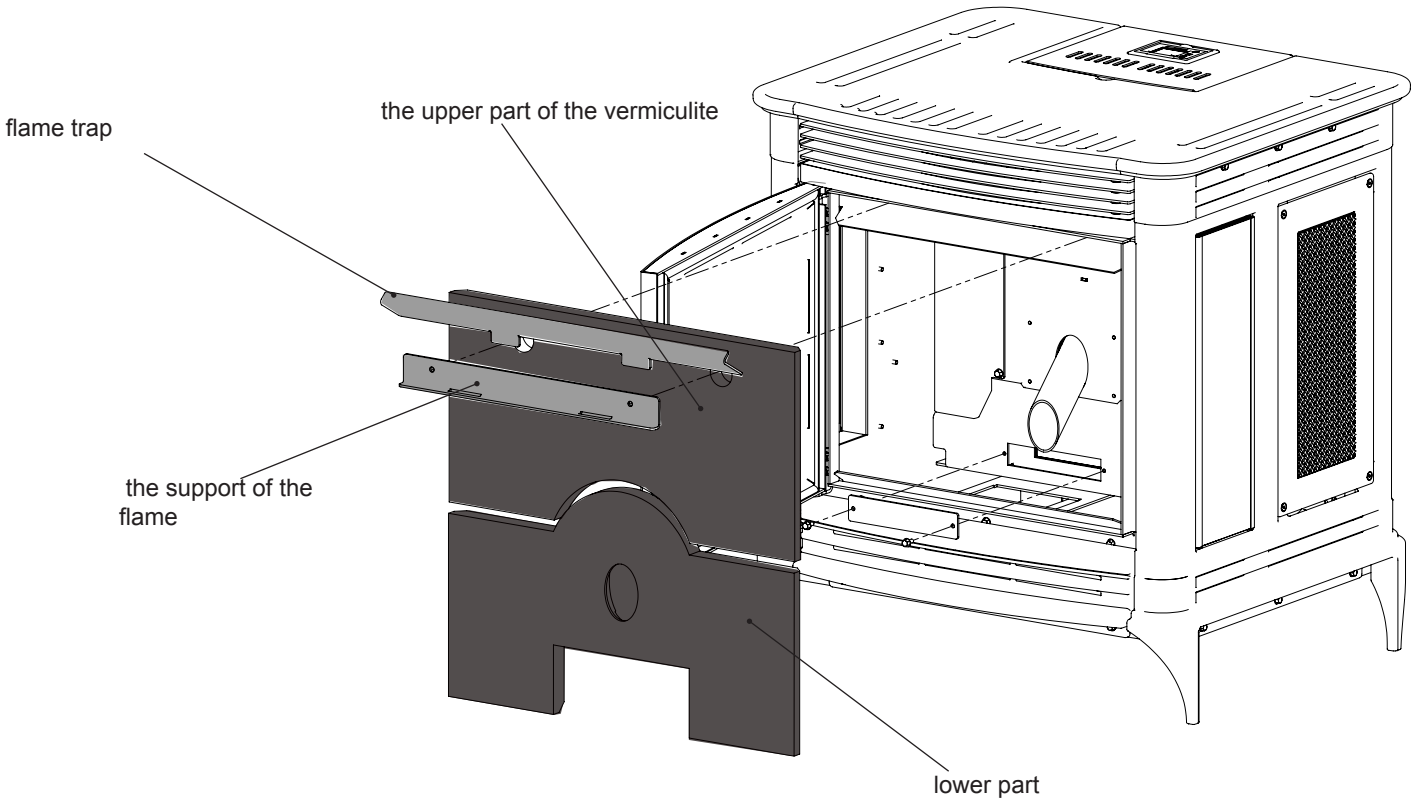
Only a clean and tidy fire pot can guarantee that the pellet stove will run without any problems.

Deposits may form while it is running and these must be eliminated immediately.

Correct, daily cleaning will allow the stove to burn properly and to give a good yield, avoiding problems that in the long term could require the intervention of a technician to repair the stove.

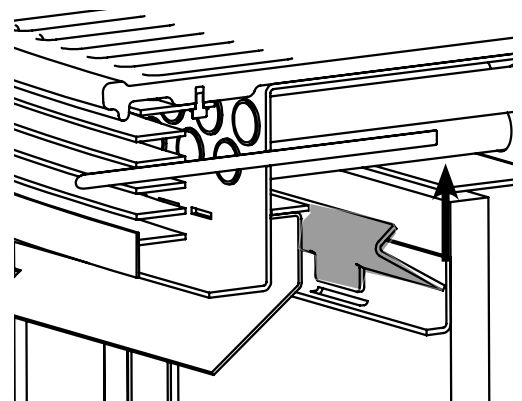
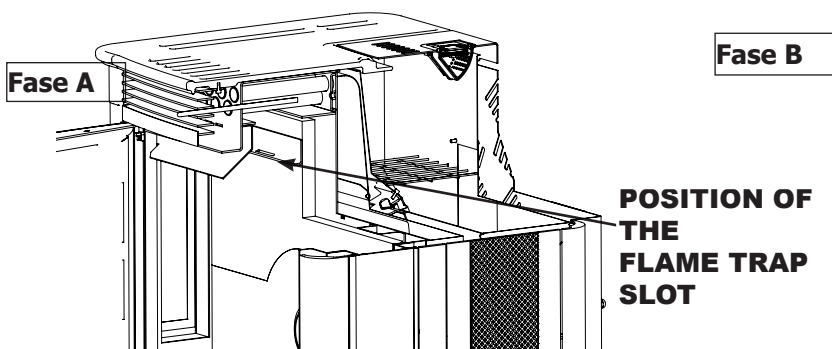
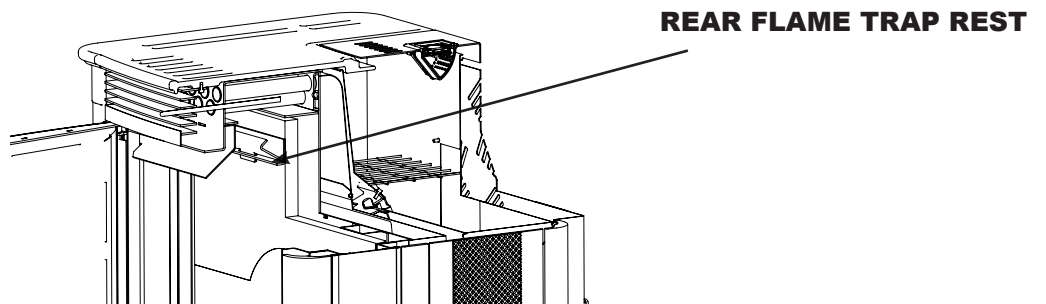
Removal of the kit vermiculite

To remove completely the kit vermiculite please remove in order following items: flame trap, the support of the flame trap by unscrewing the two screws which fix it to the stove body, the upper part of the vermiculite and then later the lower part.



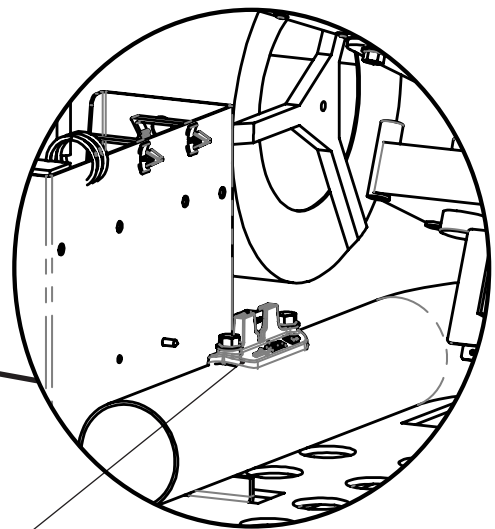
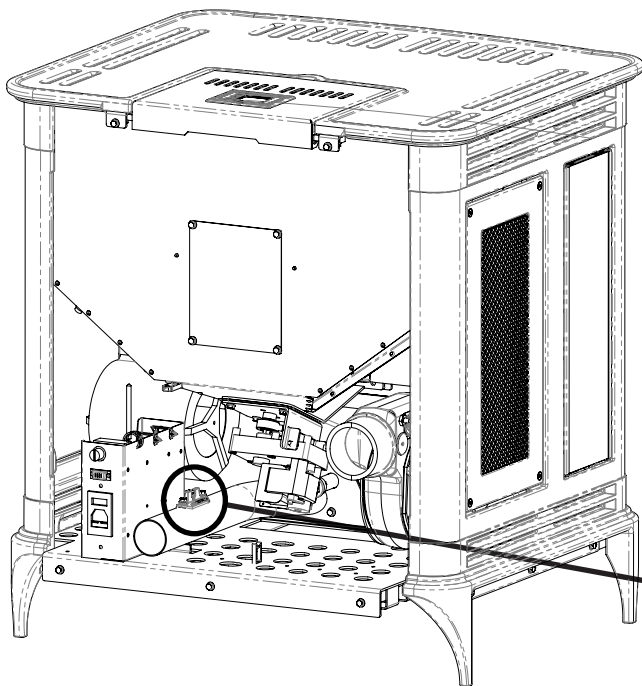
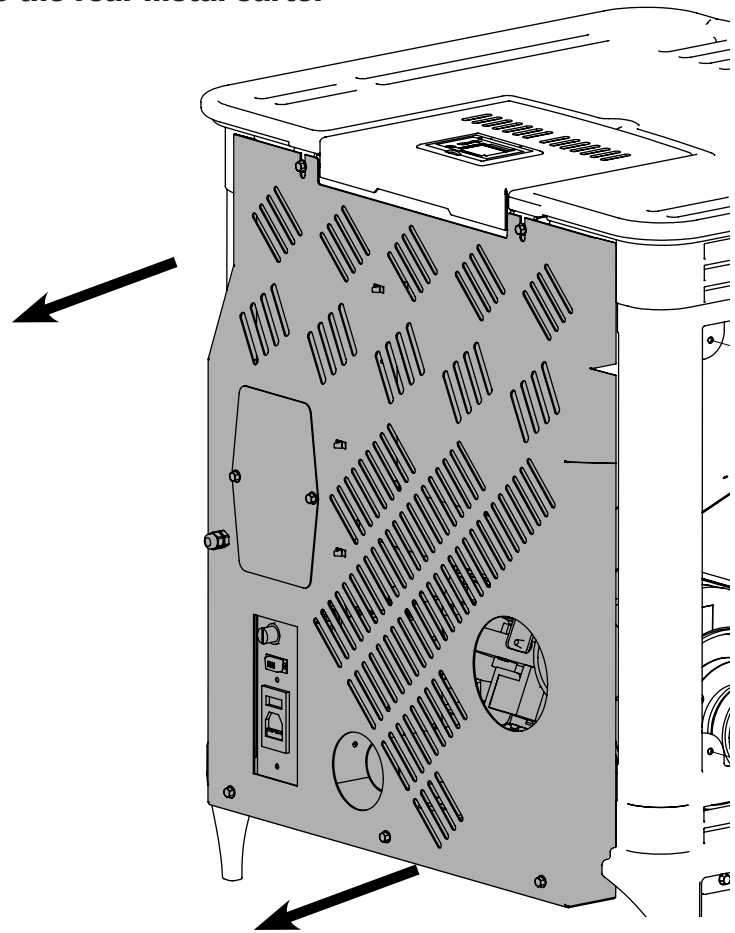
HOW TO REMOVE THE FLAME TRAP:

N.B.: REMOVE AND CLEAN THE FLAME TRAP REGULARLY.



Access to the flow meter

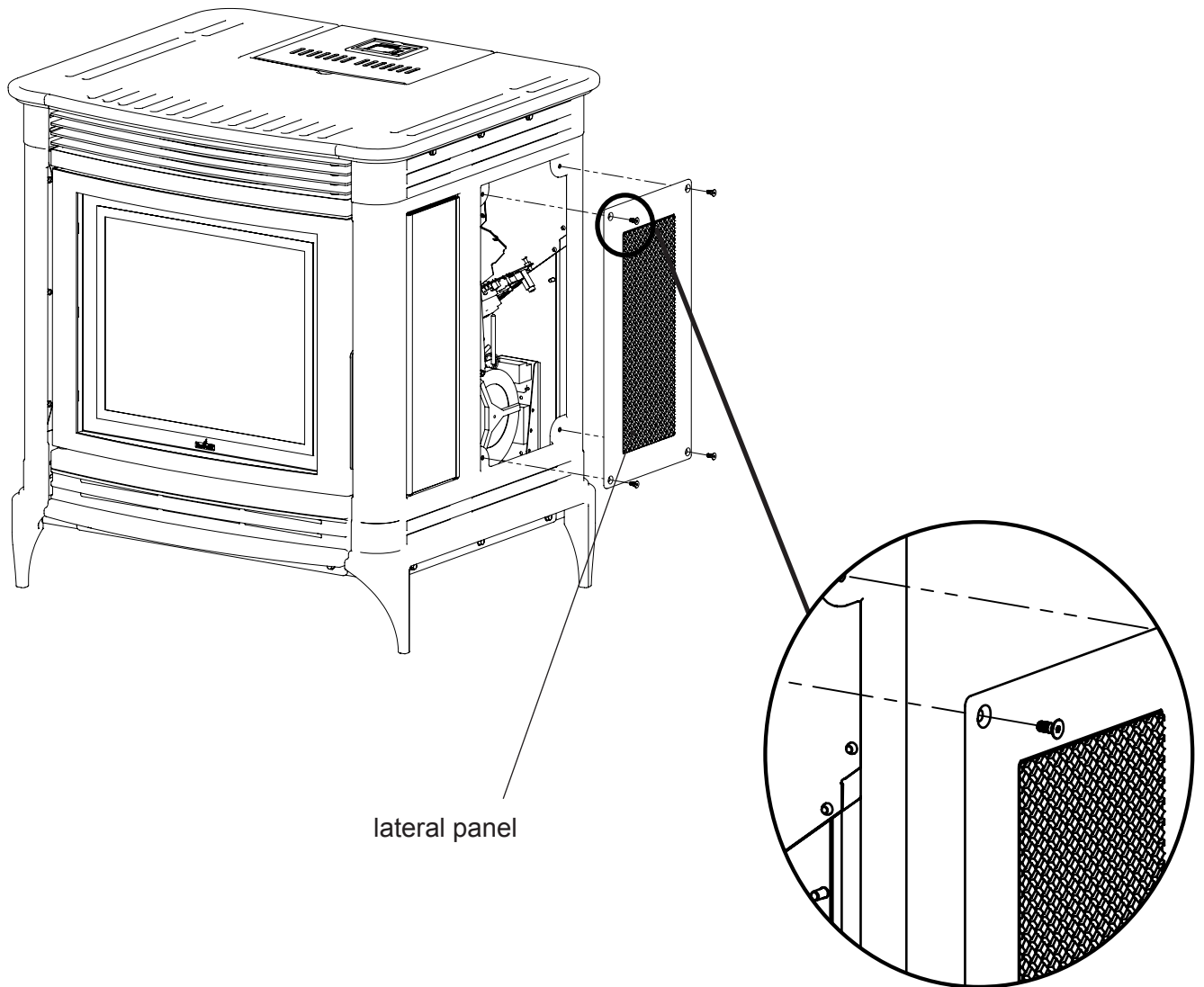
To access to the flow meter please remove the rear metal carter



Flow meter

Access to the components

To access easily to the inner components it is sufficient to remove the two lateral panels (placed symmetrically) in cast iron by unscrewing the four screws which fix them to the stove body.



PARTI / FREQUENZA	1 GIORNO	2-3 GIORNI	30 GIORNI	60-90 GIORNI	1 STAGIONE
Braciere	●				
Cassetto cenere		●			
Vetro		●			
Condotto aspirazione				●	
Raschiatore	●				
Guarnizione porta					●
Canna fumaria					●
Camera di combustione		●			
Aspirare serbatoio pellet			●		



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