



*HJX45M BC

JOSPER Charcoal Ovens

INSTALLATION ADVISES FOR THE JOSPER OVENS

A proper installation of a Josper oven under a hood depends on 3 main points:

- 1) Hood size and design.
- 2) Outlet pipe diameter.
- 3) Exhaust rate.

1) Hood size and design

If you are planning to place the Josper inside a kitchen, like into a cooking suite check those pictures.



In these situations, you must install the oven with a firebreak and a cowl. These devices prevent sparks and flames from coming out the smoke outlet.

Firebreak

Prevents sparks and flames from entering the ventilation ducts.

Stainless steel cowl

Cools the smoke temperature and makes it enter the hood more gently, avoiding turbulence and possible blowback while increasing the safety of the firebreak.



In terms of design, on the right installation picture, ideally the filters should be placed in the front, not in the back (the oven is at the end of the kitchen).



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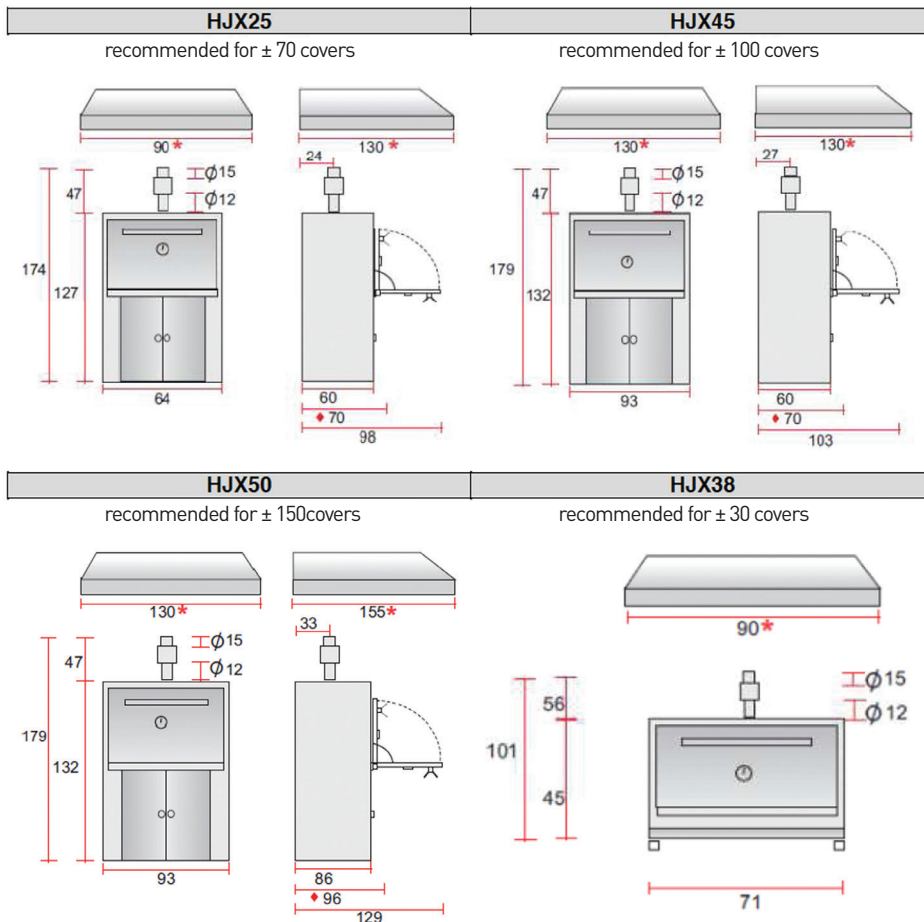
- 1) Hood size and design.
- 2) Outlet pipe diameter.
- 3) Exhaust rate.

1) Hood size and design

An air balance hood is important, as well, to compensate the outgoing air from the kitchen.

Also, check local normative about security fire system regulations for this kind of ovens.

About the hood itself, it must be enough deep to cover the oven + the door when it's open. That means, for example, that for model HJX50L (86cm deep) the hood should be 155cm deep.





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2) Outlet pipe diameter.

Outlet pipe diameter must be minimum 300mm for all models.

3) Exhaust rate.

Josper Model	Air flow in m3/h
HJX 25	2800
HJX 45	3200
HJX 50	3500
HJX 38	2500

In this link we can see the Josper oven in action <http://vimeo.com/56905995>

About normative, check it with local authorities about solid fuel equipment regulations

There is a second option for installation:



This case consists in installing a pipe directly connected from the oven's smoke outlet to outside. In this case it is necessary the installation of a firebreak and a hood to take out the cooking fumes. Apply the same advises above mentioned.



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Miscellaneous information:

	un.	HJX25	HJX45	HJX50	HJX38	
Weight (considering Model L)	Kg	185	286	342	150	
Power	KW	3.0	4.5	6.0	2.0	
Maximum smoke flow	g/seg	7.0	10.5	14.0	4.7	
Smoke temperature at neck	°C	155	155	155	155	
Recommended uptake	Pa	12	12	12	12	
Output	%	76	76	76	76	

IMPORTANT: Please read carefully our instruction manual

End user is always responsible on the proper maintenance of all related to the ventilation system and on the proper and regularly cleaning of the hood, filter or other mechanism where might be grease.