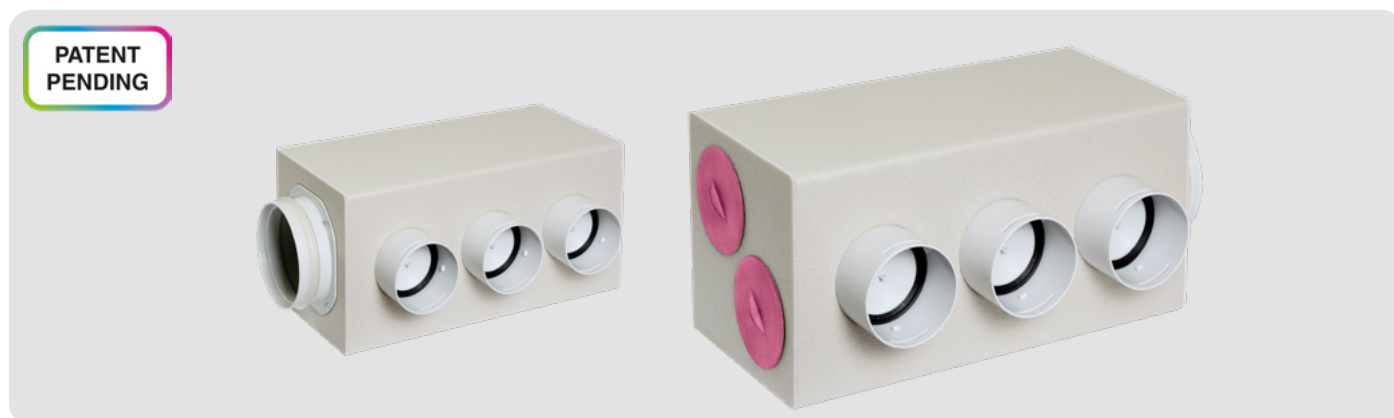


fitt agix smart box s

FITT AGIX SMART DISTRIBUTION BOX S



FEATURES

Box for distribution of fresh air to habitable rooms or extraction of exhausted air from humid rooms.

The boxes have a main connection (from Ø125 or Ø160), varying from model to model, to be connected to the ventilation unit via a rigid or flexible duct. They are equipped with connections to Ø75 / Ø90 round semi-rigid pipes for distribution to the various rooms.

They are also equipped with threaded plugs[©] * (easily unscrewed) so that additional Ø75 or Ø90 couplings can be added or even to be able to change the position of existing couplings (also easily unscrewed).

*community registered design number 015060943

Materials of construction:

Anti-condensation PVC thickness 3 mm (on all sides);
The Ø75 and Ø90 connections are made with threaded PP «GREY» collars. Inside the collars are elastomer sealing rings (gaskets) to be placed, in situ, on the semi-rigid piping.

Interior lining (almost total):

With 10 mm thick polyester fiber insulation panels, protected with film.

EXTERIOR coating:

With 3 mm thick polyethylene foam insulation.

Fixing methods:

Fixable to wall or ceiling. They are complete with no. 4 adjustable «L» brackets for fixing, including self-tapping screws for fixing them on the box.

Operating temperature:

-50 + 60°C.

TECHNICAL SPECIFICATIONS

Code	N. attachments unit side air	Connection diameters unit side of ventilation*	N. collars of distribution OF SERIES	Ext. diameter. semi-rigid tube on the distribution	Type of collar of attack **	Max scope of the box with SERIAL collars (m3/h) ***	N. caps threaded
VMSMSP1275	1	Ø125 / Ø160	6	Ø75	Ø75 GREY	204	2
VMSMSP1675	1	Ø160 / Ø180	6	Ø75	Ø75 GREY	204	2
VMSMSP1290	1	Ø125 / Ø160	6	Ø90	Ø90 GREY	288	2
VMSMSP1690	1	Ø160 / Ø180	6	Ø90	Ø90 GREY	288	2

*The connection is made with PP collar (with gasket) in the smaller diameter of the two.

**For GREY collars (Ø75 and Ø90), there is no need for any plug for unused couplings as these collars have an internal septum of total closure (to be removed in place). If threaded holes made on the PVC, being identical for the Ø75 and Ø90 GREY collars, give the possibility to screw both Ø75 and Ø90 collars interchangeably.

***Calculated flow rate based on the air flow rate of each distribution pipe for a velocity (max) of 3 m/s in each pipe.

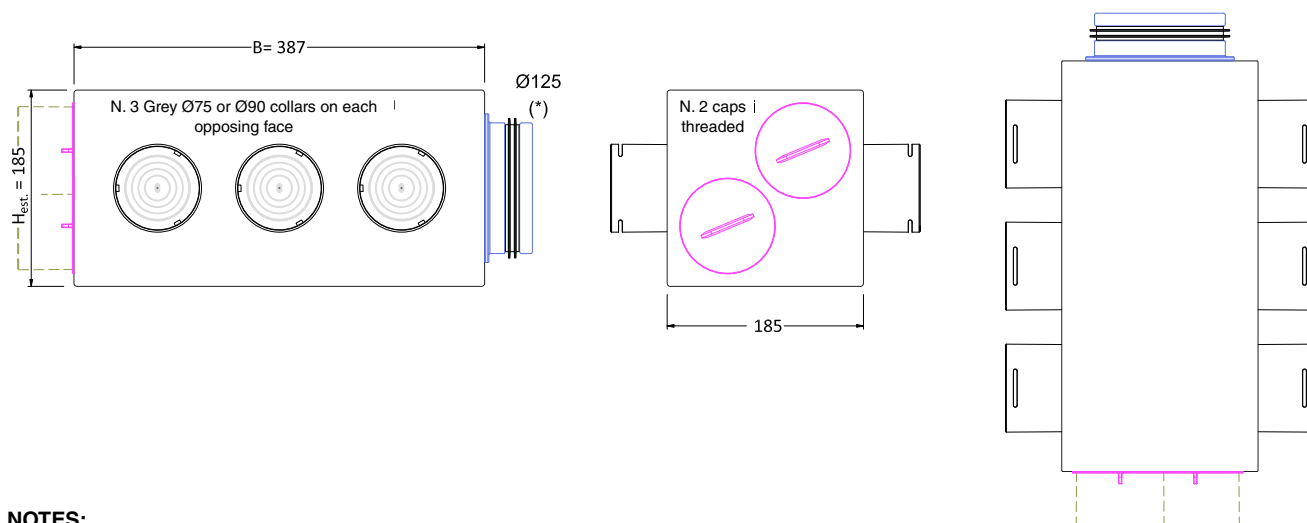
It is recommended not to exceed the flow rate of 350 m3/h, even when adding collars to replace threaded plugs.

ACCESSORIES

Code	Description
COLL75-7035	Collarino GREY Ø75
COLL90-7035	Collarino GREY Ø90

(For anti-unthreading rings and other accessories, see the specific data sheet for Ø75 and Ø90 semi-hollow tubes).

DIMENSIONS | FITT AGIX SMART BOX S Ø125



NOTES:

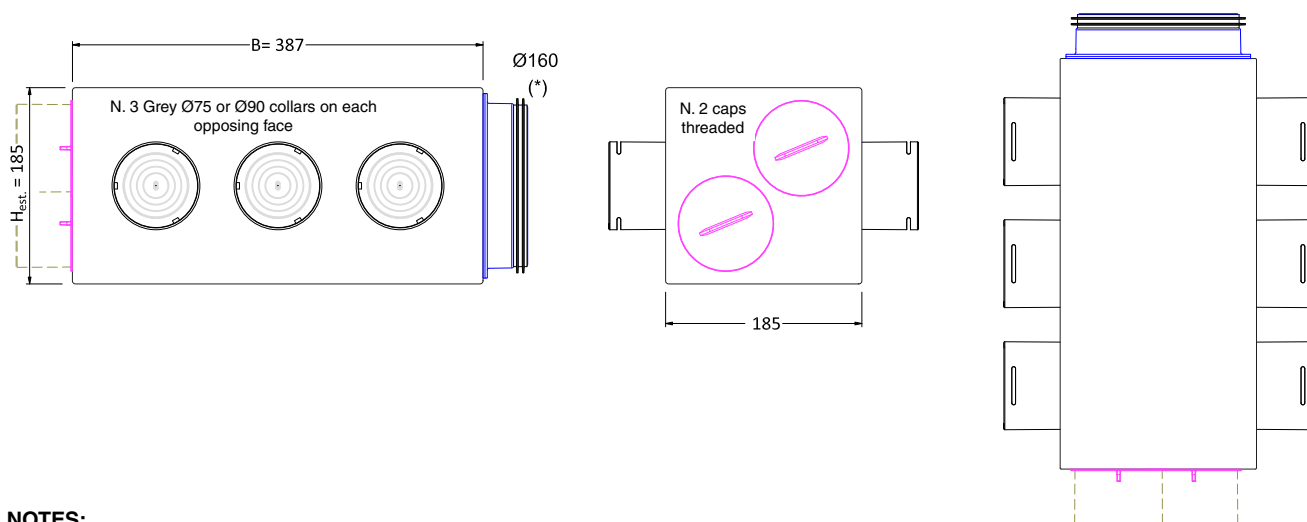
The boxes are made of anti-condensation PVC thick. 3 mm

Measurements are external and include the thickness of the 3 mm thick adhesive PE foam coating.

(*) In addition to the Ø125 PVC collar, an EPE ring is supplied as standard for possible increase to Ø160.

Grey Ø75 collars are shown in the drawing. The Ø90 collars have the same positions, as do the threaded plugs.

DIMENSIONS | FITT AGIX SMART BOX S Ø160



NOTES:

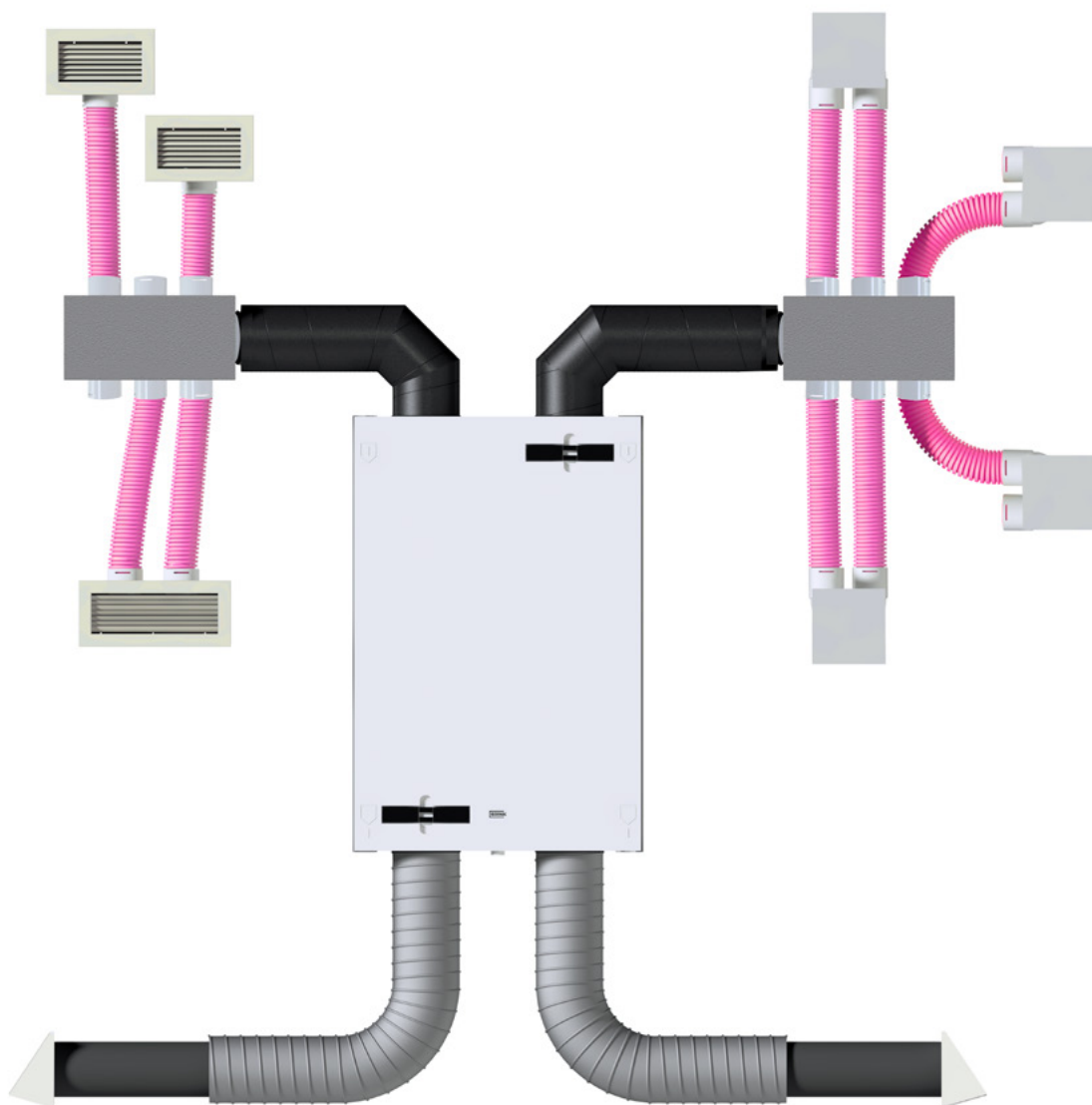
The boxes are made of anti-condensation PVC thick. 3 mm

Measurements are external and include the thickness of the 3 mm thick adhesive PE foam coating.

(*) In addition to the Ø160 PVC collar, a PE strip is supplied as standard for possible increase to Ø180.

Grey Ø75 collars are shown in the drawing. The Ø90 collars have the same positions, as do the threaded plugs.

FITT AGIX SMART BOX S DISTRIBUTION BOX PLANT DIAGRAM.



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