

NEW

DX HUB

Active air supply distribution box
DX System "Excellence"



DynamiX® Technology: ensures a silent system and optimal indoor air quality through room-by-room demand control.



Noise attenuation through low pressure operation (DX Hub 5) and built in silencers (DX Hub 6).



Easy installation thanks to multiple positioning.



Easy maintenance with all metal parts unscrewable.

High-quality manufacture with main parts made of metal.



How does the DX System control room-by-room supply and exhaust airflows?

If the units used for exhaust are the same as those used in Aereco's mechanical exhaust ventilation system, the airflow supply in the DX System "Excellence" is controlled by a specific device: the DX Hub distribution box. Using up to 5 or 6 demand controlled dampers connected to supply units, it allocates the airflow in each room according to the data received by CO₂ or presence sensors located in bedrooms and in the living room. An additional valve* is integrated to ensure the balance between total exhaust and supply air.

DX Hub range

Two products complete the DX Hub range, both are compatible to DXR and DXA. The DX Hub 5, with its outlets of D100 mm, fits perfectly for galvanized ductwork, while the DX Hub 6, with its outlets of D75 mm, is more dedicated to installation with semi-flexible ducts.

Quietness

The DX Hub is the pillar of the DynamiX® Technology. With a very accurate and smart management of motorized dampers and with acoustic silencers (DX Hub 6), it ensures a soundless operation by the DX System.

Installation

Thanks to the multiple localization of their inlets, it has never been so easy to install a heat recovery ventilation system. Whatever the heat recovery unit, the DX Hubs can be installed in a vertical or horizontal position. With different mounting brackets, the DX Hub range suits for both ceiling and wall mounting.

*specific to DX Hub 5





DX HUB 5 Active air supply distribution box

Standard code

HUB1288

Airflow characteristics

Pressure at supply Pa 25

Acoustics

Phonic enveloppe ■

Phonic silencers -

Electrics

Electrical connections (sensors) 5 x RJ12

Characteristics

Weight kg 10,9

Dimension mm 592 x 490 x 206

Colour metal

Material (main) galvanised steel with phonic and thermal insulation

Inlet duct connections (to DXR or DXA) choice among 2 x ø160 mm

Outlet duct connections (to the supply units) 5 x ø100 mm + 1 x ø125 mm

Installation

Installation horizontal or vertical

Installation room frost free: +5°C < T° < +50°C

■ standard



DX HUB 6 Active air supply distribution box

Standard code

HUB1434

Airflow characteristics

Pressure at supply Pa 60

Acoustics

Phonic enveloppe ■

Phonic silencers ■

Electrics

Electrical connections (sensors) 5 x RJ12

Characteristics

Weight kg 18

Dimension mm 750 x 684 x 199

Colour metal

Material (main) galvanised steel with phonic and thermal insulation and acoustic silencers

Inlet duct connections (to DXR or DXA) choice among 3 x ø160 mm

Outlet duct connections (to the supply units) 6 x ø75 mm

Installation

Installation horizontal or vertical

Installation room frost free: +5°C < T° < +50°C

■ standard