

NEW

DXA

Heat recovery unit for cupboard installation
DX System

DCV Constant pressure fitted to demand controlled exhaust units.

DynamiX® Technology*: ensures a silent system and optimal indoor air quality.

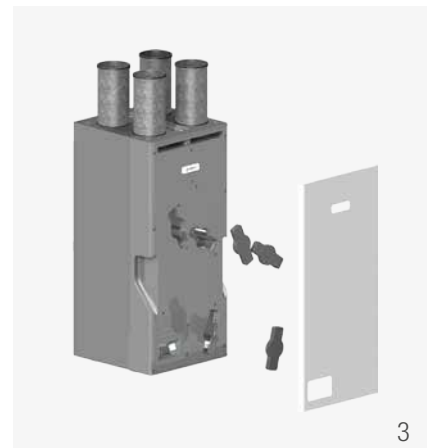
W Very low energy consumption by combining demand control of airflows and heat recovery.

+ Easy installation in cupboard spaces thanks to optimal dimensions.

+ Easy maintenance of the filters through designed trapdoors.

+ Body made of EPP, an environmental friendly material.

*specific to Excellence version



Heat recovery with demand control for cupboard installation

The DXA has been specifically designed for cupboards installation. Thanks to its well-fitted dimensions, the DXA can be installed both in kitchen and in other technical rooms, wall-mounted. A creamy white metal sheet covers the front face of the the DXA which allows it to be unnoticed as a technical equipment. The DXA unit is compatible with two demand control strategies used in the DX System "Premium" and "Excellence". See documentation on "DX System" for more details.

Indoor Air Quality at its best (1)

The DXA enhances indoor comfort by providing healthy air, at a milder temperature, preheated by the integrated heat exchanger. To feel good at home, the DynamiX® Technology, available on "Excellence" version, adapts, at any time, both supply and exhaust airflows to the occupants needs in every room through accurate sensors (CO₂ or presence). The DynamiX® Technology is a smart demand control strategy specific to the DX System which follows two main purposes: to reduce inherent noise from the heat recovery system while guaranteeing the best Indoor Air Quality.

Sustainability (2)

The main material used to produce the DXA, the EPP (Expanded Polypropylene), is a "green" material, environmentally friendly, 100% recyclable. It does not include any VOC (volatile organic compound), CFC (chlorofluorocarbon) or other compounds known to be particularly harmful to the environment.

Easy to maintain (3)

Three filters can be easily replaced without dismounting the unit, by simply removing the trapdoors. Filter durability is doubled compared to traditional heat recovery systems, notably thanks to a very large surface of filtration and demand controlled airflows. A touch screen interface enables to set the system and to warn for maintenance.



DXA Heat recovery unit with demand control for cupboard installation

Standard code

Ecodesign

Label (EU Ecodesign Directive)

Airflow characteristics

Max. airflow m³/h
 Other nominal airflows m³/h
 Pressure at exhaust Pa
 Airflow compensation (filter clogging)
 Airflow balance (supply and exhaust)

Acoustics

Sound power level L_w @ 161 m³/h, 50 Pa dB(A)
 Certifications

Electrics

Power supply
 Motor type
 Power consumption @ 161 m³/h @50 Pa W
 Power consumption @ 230 m³/h @50 Pa W
 Sensors connections

Demand control

Compatible versions of DX System
 Min - Max Number of sensors for modulation at supply
 Min - Max Number of sensors for modulation at exhaust
 Sensors type at supply
 Exhaust units type

Characteristics

Exchanger
 Filters
 Weight kg
 Colour
 Material (main)
 Dimensions mm

Installation

Max. number of main rooms
 Max. number of technical rooms
 Connections
 Installation

Other functions

Interface
 Bypass
 Preheating (optional)
 Condensation management

Temperature of use

Installation room
 Incoming outdoor fresh air or Extract

DXA 230

	DXA1240	DXA1247
	A+ (with 2 IAQ sensors)	
Max. airflow	230	
Other nominal airflows	80 / 140 / 200	
Pressure at exhaust	60	
Airflow compensation (filter clogging)	automatic	
Airflow balance (supply and exhaust)	automatic	
Sound power level L _w @ 161 m ³ /h, 50 Pa	52	
Certifications	CE	
Power supply	230 VAC, 50 Hz	
Motor type	EC (x2)	
Power consumption @ 161 m ³ /h @50 Pa	36,0	
Power consumption @ 230 m ³ /h @50 Pa	92,0	
Sensors connections	RJ12	
Compatible versions of DX System	Premium / Excellence	
Min - Max Number of sensors for modulation at supply	1 - 5	
Min - Max Number of sensors for modulation at exhaust	1 - 5	
Sensors type at supply	presence / CO ₂	
Exhaust units type	humidity / presence / switch / CO ₂ / VOC	
Exchanger	polystyrene / counter flow type / 93% efficiency	
Filters	on supply air: 2 x F7 / on exhaust air: 1 x G4	
Weight	23	
Colour	white	
Material (main)	expanded polypropylene (EPP) covered by a white galvanized metal sheet	
Dimensions	with duct connectors: 1428 x 552 x 545	without duct connectors: 1188 x 552 x 545
Max. number of main rooms	6	
Max. number of technical rooms	5	
Connections	2 x (2 x ø160 mm)	
Installation	vertical only, to the wall / 2 x 4 points of attachment	
Interface	2,8" colour touch screen interface / can be built-in or fixed separately	
Bypass	controlled by outdoor temperature / also used for free cooling	
Preheating (optional)	with resistance in fresh air ductwork from outside	
Condensation management	condensate pump	exhaust through siphon
Installation room	frost free: +5°C < T° < +50°C	
Incoming outdoor fresh air or Extract	-5°C < T° < +50°C without preheating	-26°C < T° < +50°C with preheating

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