

**NEW**

## DXA

Heat recovery unit for cupboard installation  
DX System

**DCV** Constant pressure fitted to demand controlled exhaust units.



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.

### 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 Excellence to Reference. 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 (CO<sub>2</sub> 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 dismantling 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

	DXA	
	DXA1240 (Excellence / Premium) DXA1712 (Evolution) DXA1705 (Reference)	DXA1247 (Excellence / Premium) DXA1711 (Evolution) DXA1706 (Reference)
<b>Standard code</b>		
<b>Ecodesign</b>		
Label (EU Ecodesign Directive)	A+ (for Excellence, Premium, Evolution) - A (for Reference)	
<b>Airflow characteristics</b>		
Max. airflow	m <sup>3</sup> /h	230
Other nominal airflows	m <sup>3</sup> /h	80 / 140 / 200 / 230
Airflow compensation (filter clogging)		automatic
Airflow balance (supply and exhaust)		automatic
<b>Acoustics</b>		
Sound power level Lw @ 161 m <sup>3</sup> /h, 50 Pa	dB(A)	52
Certifications		CE
<b>Electrics</b>		
Power supply		230 VAC, 50 Hz
Motor type		EC (x2)
Power consumption @ 161 m <sup>3</sup> /h @50 Pa	W	36,5
Power consumption @ 230 m <sup>3</sup> /h @50 Pa	W	92,0
Sensors connections		RJ12
<b>Demand control</b>		
Compatible versions of DX System	Excellence / Premium / Evolution / Reference	
Min - Max Number of sensors for modulation at supply	(1 – 5) for Excellence - At least 1 for Premium - No for others	
Min - Max Number of sensors for modulation at exhaust	(1 - 5) for Excellence / Premium	
Sensors type at supply	presence / CO <sub>2</sub> (Excellence / Premium)	
Exhaust units type	humidity / presence / switch / CO <sub>2</sub> / VOC (Excellence / Premium / Evolution)	
<b>Characteristics</b>		
Exchanger	polystyrene / counter flow type / 93% efficiency	
Filters	on supply air: 2 x F7 / on exhaust air: 1 x G4	
Weight	kg	23
Colour	black / Grey EPP - white painted Galvanized steel housing (option)	
Material (main)	expanded polypropylene (EPP) covered by a white galvanized metal sheet (optional)	
Dimensions	mm	with duct connectors: 1428 x 552 x 545 / without duct connectors: 1188 x 552 x 545
<b>Installation</b>		
Max. number of main rooms	6	
Max. number of technical rooms	5	
Connections	2 x (2 x ø160 mm)	
Installation	2 wall fixed rails	
<b>Other functions (in option)</b>		
Interface	2.8" Colour Touch Screen interface (Excellence / Premium) - Control module / WiFi (Evolution / Reference)	
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
<b>Temperature of use</b>		
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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