

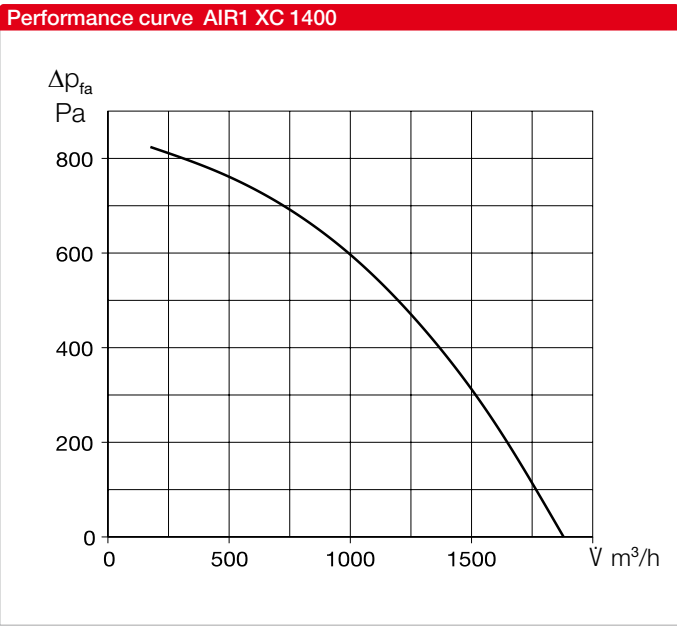
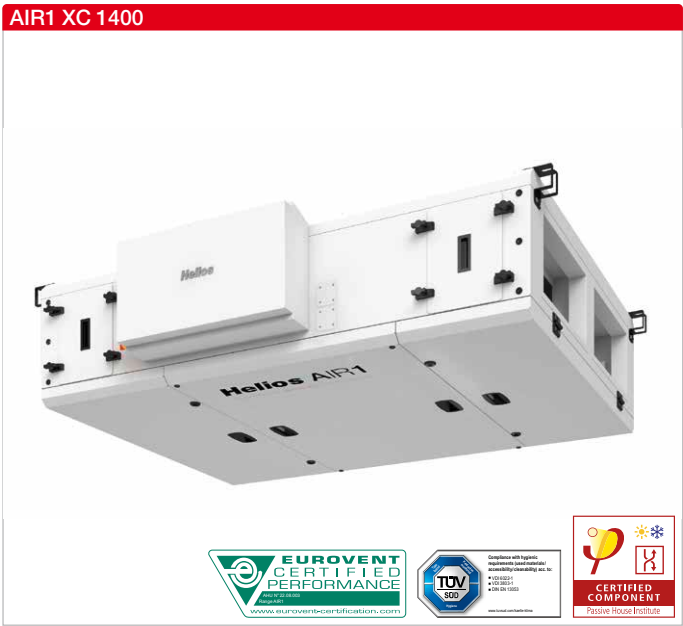


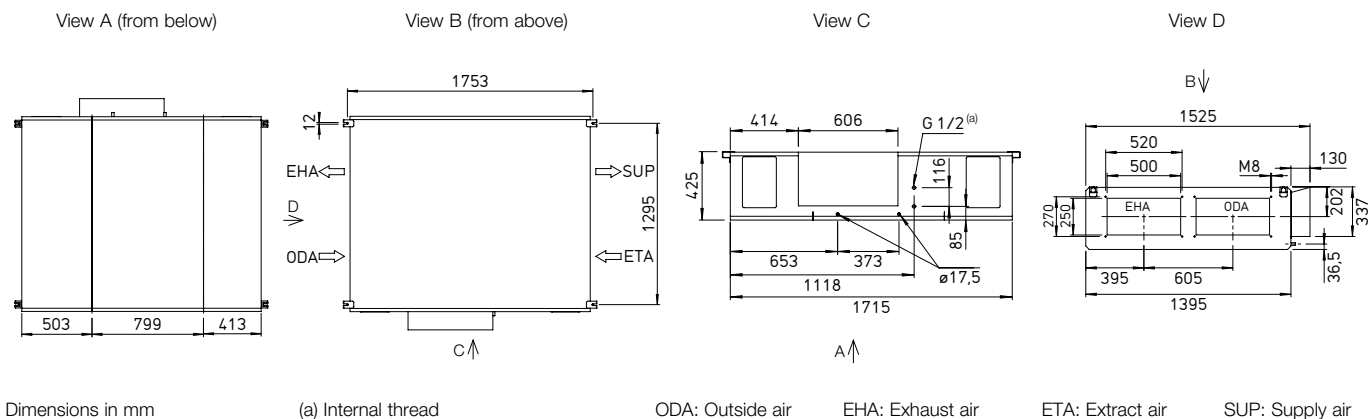
Table with 3 columns: Unit type, AIR1 XC 1400 L, AIR1 XC 1400 R. Rows include Ref. no. and Heat exchanger details.

Table with 2 columns: Mechanical data and Electrical data. Rows include application details, filter specifications, temperature ranges, and control system information.

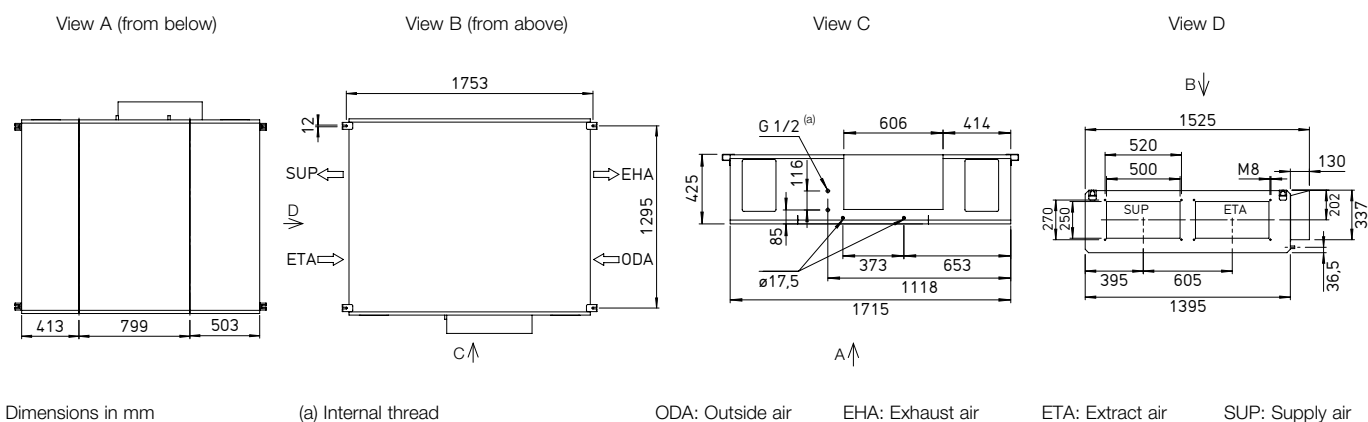
(1) = at 200 Pa external pressure loss ERP-compliant
(2) = Other filter classes see optional accessories
(3) = includes electrical pre-heater
(4) = Optional accessory

Table with 4 columns: Sound data, Sound power level LWA dB(A) at 250 Pa external pressure, and Sound pressure level LPA dB(A) of sound radiated from housing. Includes a note about sound power calculation.

Dimensions AIR1 XC 1400 L



Dimensions AIR1 XC 1400 R



Accessories

Heating and cooling registers

Auxiliary heater

AIR1-ENH XC 1400 Electrical, internal	Ref. no. 03574	Page 94
AIR1-NH WW XC 1400 L Hot water, internal	Ref. no. 03661	Page 96
AIR1-NH WW XC 1400 R Hot water, internal	Ref. no. 40122	Page 96
Hydraulic unit for hot water heating register		
WHS H 24 V (0 – 10 V)	Ref. no. 08318	Page 96
Cooling register		
AIR1-KR KW XC 1400 L Cold water, external	Ref. no. 04187	Page 98
AIR1-KR KW XC 1400 R Cold water, external	Ref. no. 40127	Page 98
AIR1-CO DX XC 1400 L Change-over, external	Ref. no. 40366	Page 104
AIR1-CO DX XC 1400 R Change-over, external	Ref. no. 40371	Page 104
AIR1-SM DX (1) Control module	Ref. no. 40408	Page 110

Air routing

Multi-leaf dampers

AIR1-JVK XC 1400	Ref. no. 05856	Page 111
Flexible connector		
AIR1-VS 50/25	Ref. no. 07404	Page 113
Potential equalisation cable		
PAK M8	Ref. no. 40812	Page 113
Adapter square-round		
AIR1-ÜS XC 1400 (DN 315)	Ref. no. 04363	Page 112

Condensate drainage

Condensate pump

AIR1-KP XC 500-1400	Ref. no. 06867	Page 114
Ball siphon		
AIR1-KS D for use with ceiling mounted units and cooling register	Ref. no. 07170	Page 114

Controls

Controllers

AIR1-BE ECO	Ref. no. 06186	Page 119
AIR1-BE TOUCH	Ref. no. 06187	Page 119
Controller connection cable		
AIR1-SL 4/10 10 m	Ref. no. 07073	Page 119
AIR1-SL 4/20 20 m	Ref. no. 07121	Page 119

Sensors

AIR1/KWL-VOC 0-10V Mixed gas sensor	Ref. no. 20250	Page 119
AIR1/KWL-CO2 0-10V Carbon dioxide sensor	Ref. no. 20251	Page 119
AIR1/KWL-FTF 0-10V Humidity-temperature sensor	Ref. no. 20252	Page 119
AIR1-CO2 K Carbon dioxide sensor duct	Ref. no. 07124	Page 119

Signal converter for sensors

AIR1-SK	Ref. no. 06019	Page 120
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Extension kit for constant pressure control

AIR1-CAP	Ref. no. 06756	Page 120
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Duct smoke detector with VdS approval

RMK	Ref. no. 04982	Page 120
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Duct smoke detector with DIBt approval

KRM	Ref. no. 40825	Page 120
KRM-MK Mounting bracket for KRM	Ref. no. 40826	Page 120
KRM-G Protective housing	Ref. no. 40847	Page 120
KRM-MKG Mounting bracket for protective housing	Ref. no. 40848	Page 120

Air filters

Spare air filter and other filter classes

ELF-AIR1 XC 1400/ePM10 50%/96 (M5)	Ref. no. 02173	Page 121
ELF-AIR1 XC 1400/ePM1 55%/96 (F7)	Ref. no. 02224	Page 121
ELF-AIR1 XC 1400/ePM1 80%/96 (F9)	Ref. no. 02274	Page 121

The use of original spare air filters is mandatory to guarantee the specified technical data and air volumes.

(1) = Necessary accessory in connection with an AIR1-CO DX change-over register for connecting an AIR1 ventilation unit of the XC, XH and RH series to the control of an on-site cooling system.