

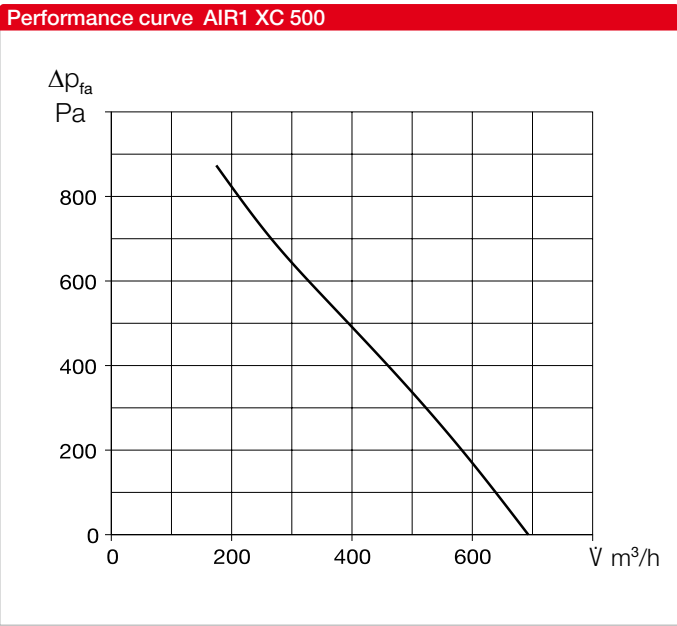
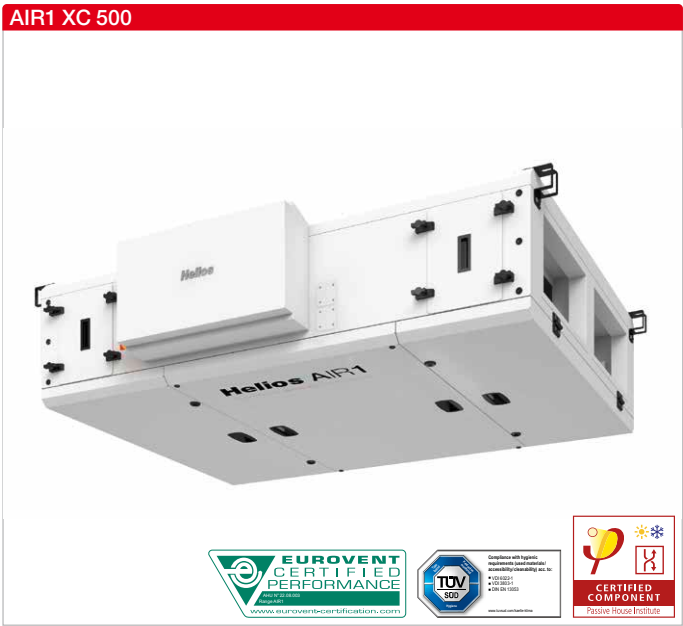
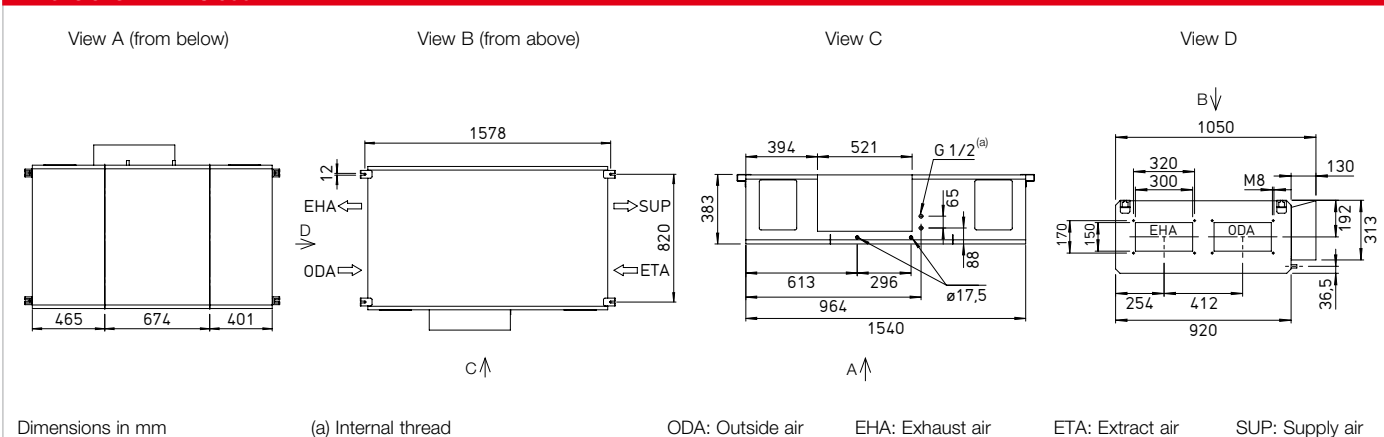
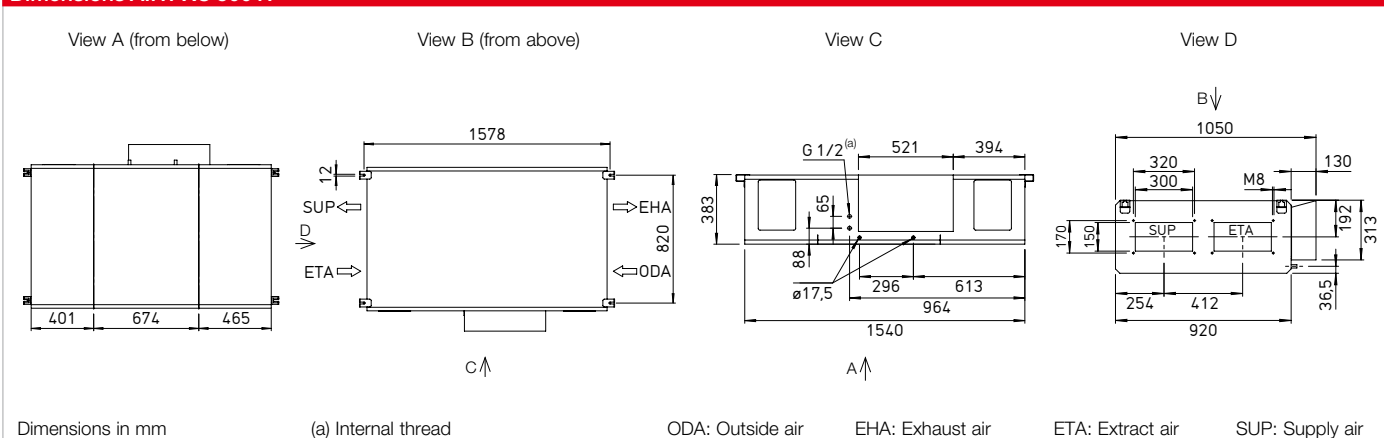


Table with 3 columns: Unit type, AIR1 XC 500 L, AIR1 XC 500 R. Rows include Ref. no. and Heat exchanger details.

Table with 2 columns: Mechanical data and Electrical data. Rows include application details, filter specifications, 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 200 Pa external pressure, and Sound pressure level LPA dB(A) of sound radiated from housing. Includes a note about sound power at connectors.

Dimensions AIR1 XC 500 L

Dimensions AIR1 XC 500 R

Accessories
Heating and cooling registers
Auxiliary heater

AIR1-ENH XC 500 Electrical, internal	Ref. no. 03558	Page 94
AIR1-NH WW XC 500 L Hot water, internal	Ref. no. 02490	Page 96
AIR1-NH WW XC 500 R Hot water, internal	Ref. no. 40120	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 500 L Cold water, external	Ref. no. 04185	Page 98
AIR1-KR KW XC 500 R Cold water, external	Ref. no. 40125	Page 98
AIR1-CO DX XC 500 L Change-over, external	Ref. no. 40364	Page 104
AIR1-CO DX XC 500 R Change-over, external	Ref. no. 40369	Page 104
AIR1-SM DX (1) Control module	Ref. no. 40408	Page 110

Air routing
Multi-leaf dampers

AIR1-JVK XC 500	Ref. no. 05421	Page 111
Flexible connector		
AIR1-VS 30/15	Ref. no. 07400	Page 113
Potential equalisation cable		
PAK M8	Ref. no. 40812	Page 113
Adapter square-round		
AIR1-ÜS XC 500 (DN 200)	Ref. no. 04361	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 500/ePM10 50%/96 (M5)	Ref. no. 02171	Page 121
ELF-AIR1 XC 500/ePM1 55%/96 (F7)	Ref. no. 02221	Page 121
ELF-AIR1 XC 500/ePM1 80%/96 (F9)	Ref. no. 02272	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.