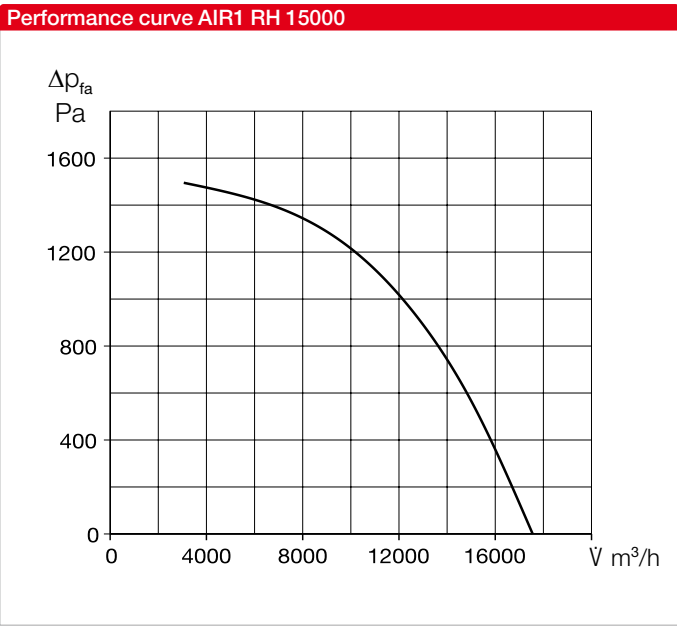




Unit types table with columns for Ref. no. and Heat exchanger for AIR1 RH 15000 and AIR1 RH 15000/SO.

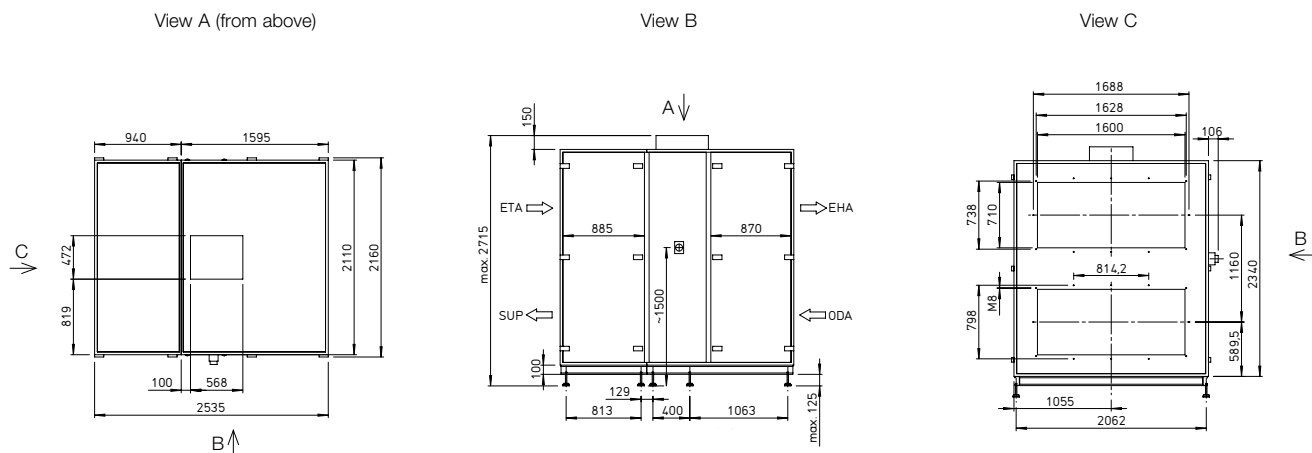
Technical data table containing Mechanical data (Area of application, Installation position, etc.) and Electrical data (Central building control system, Voltage / Frequency, etc.).

(1) = at 400 Pa external pressure loss ERP-compliant
(2) = other filter classes see optional accessories
(3) = with increased humidity recovery
(4) = AIR RH 15000/SO

Sound data AIR1 RH 15000 table showing Sound power level LWA dB(A) at 400 Pa external pressure and Sound pressure level LPA dB(A) of sound radiated from housing.

Sound data AIR1 RH 15000/SO table showing Sound power level LWA dB(A) at 400 Pa external pressure and Sound pressure level LPA dB(A) of sound radiated from housing.

Dimensions AIR1 RH 15000



Dimensions in mm

ODA: Outside air

EHA: Exhaust air

ETA: Extract air

SUP: Supply air

Accessories

Heating and cooling registers

Pre-heater

AIR1-EVH RH 15000 Electrical, external	Ref. no. 01883	Page 93
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Auxiliary heater

AIR1-ENH RH 15000 Electrical, external	Ref. no. 03642	Page 95
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AIR1-NH WW RH 15000 Hot water, external	Ref. no. 03833	Page 97
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Hydraulic unit for hot water heater register

WHSH HE 24 V (0 – 10 V) L	Ref. no. 06311	Page 96
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Cooling register

AIR1-KR KW RH 15000 L ⁽¹⁾ Cold water, external	Ref. no. 04184	Page 102
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AIR1-KR KW RH 15000 R ⁽¹⁾ Cold water, external	Ref. no. 04391	Page 102
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AIR1-CO DX RH 15000 L ⁽¹⁾ Change-over, external	Ref. no. 40398	Page 108
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AIR1-CO DX RH 15000 R ⁽¹⁾ Change-over, external	Ref. no. 40407	Page 108
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AIR1-SM DX ⁽²⁾ Control module	Ref. no. 40408	Page 110
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Cooling register accessories

AIR1-KS B for use with floor-mounted units and cooling register	Ref. no. 07169	Page 114
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External installation

Cover for external installation

AIR1-AAD RH 15000 Weather protection cover for the unit	Ref. no. 06438	Page 117
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AIR1-AAD RH 15000/ULM Weather protection cover for the unit incl. recirculation module	Ref. no. 06444	Page 117
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AIR1-AAD KR KW + DX RH 15000 Weather protection cover for cooling register cold water or direct evaporator	Ref. no. 06482	Page 118
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AIR1-AAD NH EL + WW RH 15000 Weather protection cover for aux. heater	Ref. no. 06450	Page 118
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Terminal box heater		
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AIR1-AAHK	Ref. no. 07064	Page 114
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Hoods

AIR1-AAHA RH 15000 Intake hood outside air	Ref. no. 06612	Page 115
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AIR1-AAHF RH 15000 Discharge hood exhaust air	Ref. no. 06866	Page 115
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Air routing

Multi-leaf damper

AIR1-JVK RH 15000	Ref. no. 06021	Page 111
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Recirculation module

AIR1-ULM RH 15000	Ref. no. 06182	Page 110
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Flexible connector

AIR1-VS 160/71	Ref. no. 04379	Page 113
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Potential equalisation cable

PAK M8	Ref. no. 40812	Page 113
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Controls

Controllers

AIR1-BE ECO	Ref. no. 06186	Page 119
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AIR1-BE TOUCH	Ref. no. 06187	Page 119
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Controller connection cable

AIR1-SL 4/10 10 m	Ref. no. 07073	Page 119
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AIR1-SL 4/20 20 m	Ref. no. 07121	Page 119
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Sensors

AIR1/KWL-VOC 0-10V Mixed gas sensor	Ref. no. 20250	Page 119
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AIR1/KWL-CO2 0-10V Carbon dioxide sensor	Ref. no. 20251	Page 119
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AIR1/KWL-FTF 0-10V Humidity-temperature sensor	Ref. no. 20252	Page 119
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AIR1-CO2 K Carbon dioxide sensor duct	Ref. no. 07124	Page 119
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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
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KRM-MK Mounting bracket for KRM	Ref. no. 40826	Page 120
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KRM-G Protective housing	Ref. no. 40847	Page 120
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KRM-MKG Mounting bracket for protective housing	Ref. no. 40848	Page 120
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Air filters

Spare air filter and other filter classes

ELF-AIR1 RH 15000/ePM10 50%/48 (M5)	Ref. no. 02202	Page 123
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ELF-AIR1 RH 15000/ePM10 50%/96 (M5)	Ref. no. 02219	Page 123
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ELF-AIR1 RH 15000/ePM1 55%/96 (F7)	Ref. no. 02271	Page 123
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ELF-AIR1 RH 15000/ePM1 80%/96 (F9)	Ref. no. 02479	Page 123
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The use of original spare air filters is mandatory to guarantee the specified technical data and air volumes.

(1) = When looking at the cooling register from the air flow direction, the service side is on the right for the R version and on the left for the L version.

(2) = 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.