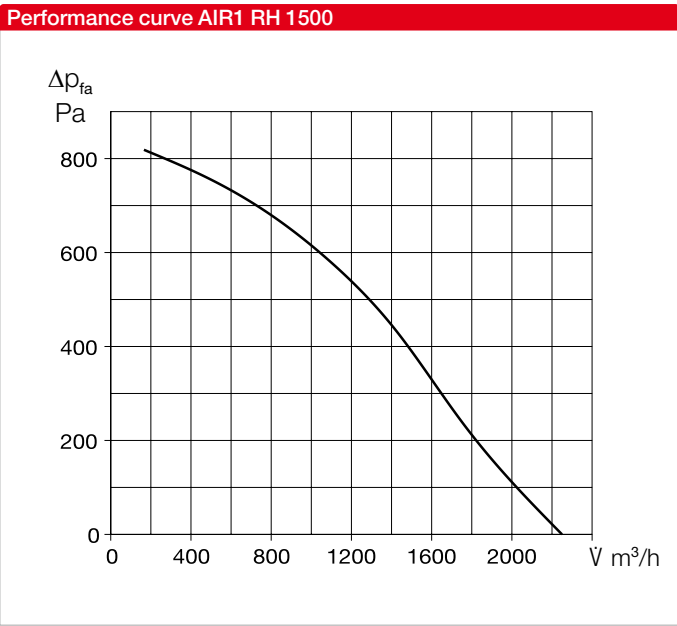




Fig. shows accessories



Unit types table with columns for Ref. no. and Heat exchanger for AIR1 RH 1500 and AIR1 RH 1500/SO.



Technical data table for the Helios AIR1 RH 1500 unit, including mechanical and electrical specifications.

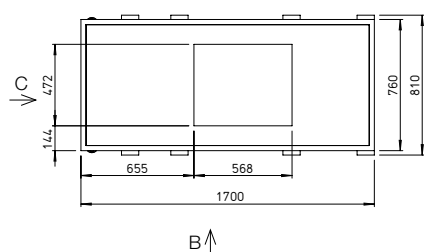
(1) = at 250 Pa external pressure loss ERP-compliant
(2) = other filter classes see optional accessories
(3) = Optional accessories
(4) = with increased humidity recovery
(5) = AIR RH 1500/SO

Sound data table for the AIR1 RH 1500 unit, showing sound power and pressure levels at 250 Pa external pressure.

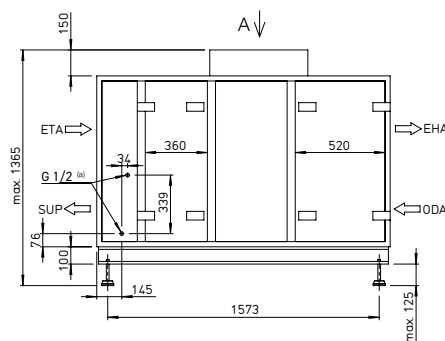
Sound data table for the AIR1 RH 1500/SO unit, showing sound power and pressure levels at 250 Pa external pressure.

Dimensions AIR1 RH 1500

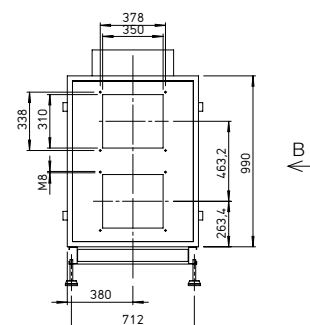
View A (from above)



View B



View C



Dimensions in mm

(a) Internal thread

ODA: Outside air

EHA: Exhaust air

ETA: Extract air

SUP: Supply air

Accessories

Heating and cooling registers

Pre-heater

AIR1-EVH RH 1500	Electrical, external	Ref. no. 01262	Page 93
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Auxiliary heater

AIR1-ENH RH 1500	Electrical, internal	Ref. no. 03605	Page 95
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AIR1-NH WW RH 1500	Hot water, internal	Ref. no. 03805	Page 97
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Hydraulic unit for hot water heater register

WHSB HE 24 V (0 – 10 V)		Ref. no. 08318	Page 96
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Cooling register

AIR1-KR KW RH 1500 L ⁽¹⁾	Cold water, external	Ref. no. 03958	Page 102
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AIR1-KR KW RH 1500 R ⁽¹⁾	Cold water, external	Ref. no. 04283	Page 102
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AIR1-CO DX RH 1500 L ⁽¹⁾	Change-over, external	Ref. no. 40390	Page 108
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AIR1-CO DX RH 1500 R ⁽¹⁾	Change-over, external	Ref. no. 40399	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		Ref. no. 07169	Page 114
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for use with floor-mounted units and cooling register

Air routing

Multi-leaf damper

AIR1-JVK RH 1500		Ref. no. 06006	Page 111
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Flexible connector

AIR1-VS 35/31		Ref. no. 04372	Page 113
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Potential equalisation cable

PAK M8		Ref. no. 40812	Page 113
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Adapter square-round

AIR1-ÜS RH 1500 (DN 315)		Ref. no. 04367	Page 112
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External installation

Cover for external installation

AIR1-AAD RH 1500	Weather protection cover for the unit	Ref. no. 06382	Page 117
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AIR1-AAD KR KW + DX RH 1500

Weather protection cover for cooling register cold water or direct evaporator		Ref. no. 06467	Page 118
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Terminal box heater

AIR1-AAHK		Ref. no. 07064	Page 114
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Hoods

AIR1-AAHA RH 1500	Intake hood outside air	Ref. no. 06484	Page 115
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AIR1-AAHF RH 1500	Discharge hood exhaust air	Ref. no. 06643	Page 115
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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 1500/ePM10 50%/48 (M5)		Ref. no. 02192	Page 123
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ELF-AIR1 RH 1500/ePM10 50%/96 (M5)		Ref. no. 02211	Page 123
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ELF-AIR1 RH 1500/ePM1 55%/96 (F7)		Ref. no. 02236	Page 123
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ELF-AIR1 RH 1500/ePM1 80%/96 (F9)		Ref. no. 02374	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.