

AIR1-NH WW XH/XHP



Hot water auxiliary heater internal

For installation in the ventilation unit. Provides demand-oriented temperature control of supply air. The heating elements consist of copper piping with formed aluminium fins, and copper pipe water connections for flow and return. Further accessories are required for supply air temperature control (see below; Hydraulic unit WSHS HE 24V on page 91).

Detailed calculations / technical information: www.AIR1Select.com

Technical data

Type	Ref. no.	Heating capacity ⁽¹⁾	Water content	Weight ⁽²⁾	Connection flow / return ⁽³⁾	Hydraulic unit	Ref. no.
AIR1-NH WW XHP 750	40551	6.2 kW	0.9 l	5.9 kg	G 3/4	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XHP 1000	40562	8.3 kW	1.2 l	6.7 kg	G 3/4	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XHP 1500	40575	13.3 kW	2.2 l	8.6 kg	G 3/4	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XHP 2500	40586	22.3 kW	2.8 l	10.8 kg	G 3/4	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 1000	03664	4.6 kW	1.0 l	3.6 kg	G 1/2	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 1500	03665	7.9 kW	1.2 l	4.4 kg	G 1/2	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 2500	03679	12.2 kW	2.0 l	6.3 kg	G 1/2	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 3500	03683	18.0 kW	2.5 l	7.7 kg	G 1/2	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 4500	03684	23.1 kW	3.6 l	10.2 kg	G 1/2	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 5500	03687	28.7 kW	4.6 l	12.5 kg	G 3/4	WSHS HE 24 V (0 – 10 V)	08318
AIR1-NH WW XH 7000	03689	35.2 kW	5.9 l	15.6 kg	G 3/4	WSHS HE 24 V (0 – 10 V) M	06310
AIR1-NH WW XH 8500	03793	45.3 kW	7.2 l	18.8 kg	G 3/4	WSHS HE 24 V (0 – 10 V) M	06310

(1) at flow/return temperature 60/40°C

(2) without liquid

(3) External thread

WSHS HE 24 V



Hydraulic unit

Hydraulic unit for supply air temperature control by controlling the water flow rate in the heater battery. Delivered as a complete unit consisting of the hydraulic unit with 3-way valve with actuator and circulating pump, Flow / return temperature display and flexible connection hoses.

Types

XH units	Type	Ref. no.	Control voltage	K _{vs} value	Flow rate	Connection diameter
AIR1 XHP 750	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1 XHP 1000	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1 XHP 1500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1 XHP 2500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 1000	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 1500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 2500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 3500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 4500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 5500	WSHS HE 24 V (0 – 10 V)	08318	24 V (0 – 10 V)	5.1	0.2 to 3.3 m ³ /h	G1 AG flat sealing (DN25, 1")
AIR1-XH 7000	WSHS HE 24 V (0 – 10 V) M	06310	24 V (0 – 10 V)	8.1	0.0 to 4.0 m ³ /h	G2 AG flat sealing (DN32, 1 1/4")
AIR1-XH 8500	WSHS HE 24 V (0 – 10 V) M	06310	24 V (0 – 10 V)	8.1	0.0 to 4.0 m ³ /h	G2 AG flat sealing (DN32, 1 1/4")