## 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 WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH 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 | WHSH HE 24 V (0 – 10 V) M | 06310 |

(1) at flow/return temperature 60/40°C
(2) without liquid
(3) External thread

## WHSH 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 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1 XHP 1000 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1 XHP 1500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1 XHP 2500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 1000 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 1500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 2500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 3500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 4500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 5500 | WHSH HE 24 V (0 – 10 V) | 08318 | 24 V (0 – 10 V) | 5.1 | 0.2 to 3.3 m³/h | G1 AG flat sealing (DN25, 1") |
| AIR1-XH 7000 | WHSH HE 24 V (0 – 10 V) M | 06310 | 24 V (0 – 10 V) | 8.1 | 0.0 to 4.0 m³/h | G2 AG flat sealing (DN32, 1 1/4") |
| AIR1-XH 8500 | WHSH HE 24 V (0 – 10 V) M | 06310 | 24 V (0 – 10 V) | 8.1 | 0.0 to 4.0 m³/h | G2 AG flat sealing (DN32, 1 1/4") |