AH-K

Duct heater
Rectangular
Warm water
Airtightness EN 1751 LUKA C/ATC 3

Available types
A H - K K - -25- -

A duct accessory
H warm-water heat exchanger

\- **Version**
2 2 rows
3 3 rows
4 4 rows
5 5 rows
6 6 rows

K primary rectangular air connection
K secondary rectangular air connection

\- **Water connection**
R water connection right (standard)
L water connection left (on request)

25 fin distance is 2.5 mm

\- **Number of circuits (automatically follows from selection)**
01 1 circuit
02 2 circuits
03 3 circuits
etc.

SA-Select
Check SA-Select to create extended order codes and selection details online. **NB!** At this moment, SA-Select is only available in Dutch. But it is possible to create extended order codes and selection details online.

Use
The AH-K warm-water post-heater has been designed to be built into rectangular duct systems with DW20 or DW30 flanges, depending on the duct dimensions.
The units can be combined with a VRV variable volume unit or a VCMR constant volume unit. See the relevant pages for the details of these units. The units can also be factory-set as a 3-in-1 solution.

Characteristics
- The AH- K post-heaters are available in various versions.
- The connection dimensions can range from: W x H 200 x 200 mm to 2000 x 1600 mm.
- The post-heaters are available in various versions for HT ranges, such as 80 - 60 °C, and LT ranges, such as 45 - 35 °C.
- The post-heaters comply with LUKA C/ATC 3 in a ccordance with EN 1751.

Version

Housing:	sendzimir galvanised steel sheet
Air connection	DW20 or DW30 flanges
Water connection:	male thread
Headers:	copper
Fins:	aluminium flat
Flange:	rectangular version in accordance with LUKA
Max. operating pressure:	10 bar
Test pressure:	16 bar

Drainage and bleeding option.

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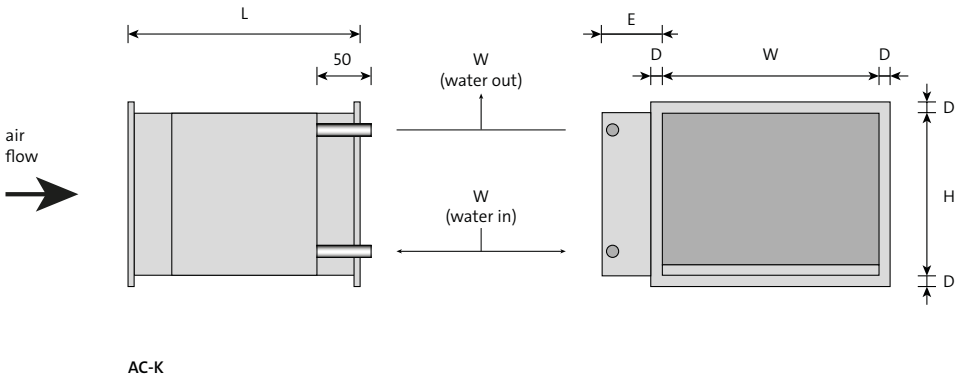
Dimensions



AC-K

Available dimensions

number of rows	L
≤ 6	**300**
7 - 10	**400**

numbers of circuits	Headers Cu	Ø Water	DN
1 - 7	22	½ "	DN15
8 - 14	28	¾ "	DN20
15 - 22	35	1 "	DN25
23 - 26	42	1 ¼ "	DN32

Flange size D		
W or H ≤ 650 mm	**W or H ≥ 700 mm**	**E**
20	30	DN + 90

All the interim sizes are available in 50 mm increments.

Note

- The listed dimensions are in mm.
- The velocity over the finned surface is up to approx. 2.3 m/s.

Fitting

- When you fit the post-heater, take note of the arrows for air direction and water in/out.
- Make sure the bleed nipple is easily accessible.

Water quality

We recommend studying our document 'Solid Air recommendations for water fed systems and waterquality'.

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