AC-K

Duct cooler , also suitable for 'change over' application
Rectangular
Cold water
Airtightness EN 1751 LUKA C/ATC 3

Available types
A C - K K - -25- -

A duct accessory
C cold-water heat exchanger

- Version
2 2 rows
3 3 rows
4 4 rows
5 5 rows
6 6 rows
7 7 rows
8 8 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 (follows automatically from selection)
01 1 circuit
02 2 circuits
03 3 circuits
etc.

Selection
Consult our sales department for the technical selection of the post-coolers.

Use
The AC-K cold-water post-cooler has been designed to be built into rectangular duct systems with DW20 or DW30 flanges, depending on the duct dimensions. The post-cooler can also be used as a reheater in a 'change over' application. 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 AC-K post-coolers 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-coolers are available in various versions for HT ranges, such as 10 - 16 °C, and LT ranges, such as 6 - 12 °C.
- The post-coolers comply with LUKA C/ATC 3 in accordance with EN 1751.

Version

Housing:	sendzimir galvanised steel
Sheet	
Air connection	DW20 or DW30 flanges
Water connection:	male thread
Condensation discharge:	½" 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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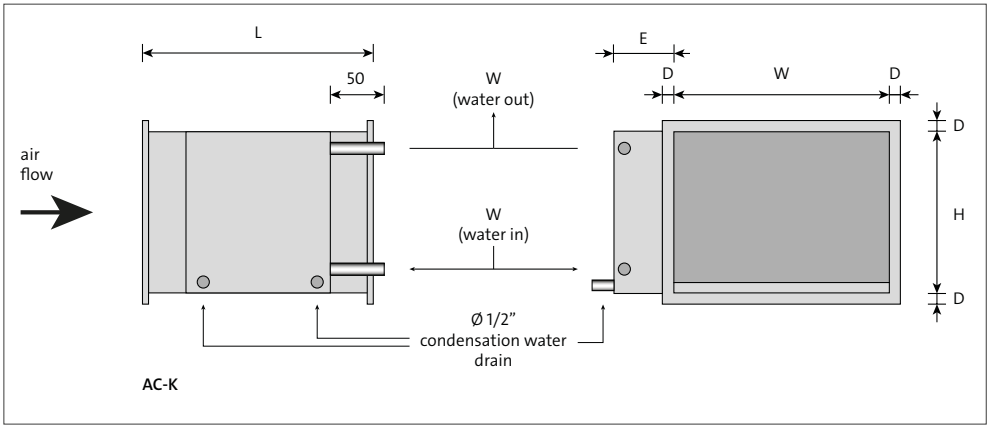
Dimensions



Available dimensions

number of rows	L
≤ 6	**400**
7 - 10	**500**

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-cooler, take note of the arrows for air direction and water in/out.
- Make sure the bleed nipple is easily accessible.
- Position the post-cooler in a horizontal position in connection with the drip tray for the condensation water discharge.

Water quality

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

2026_05_v1