



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

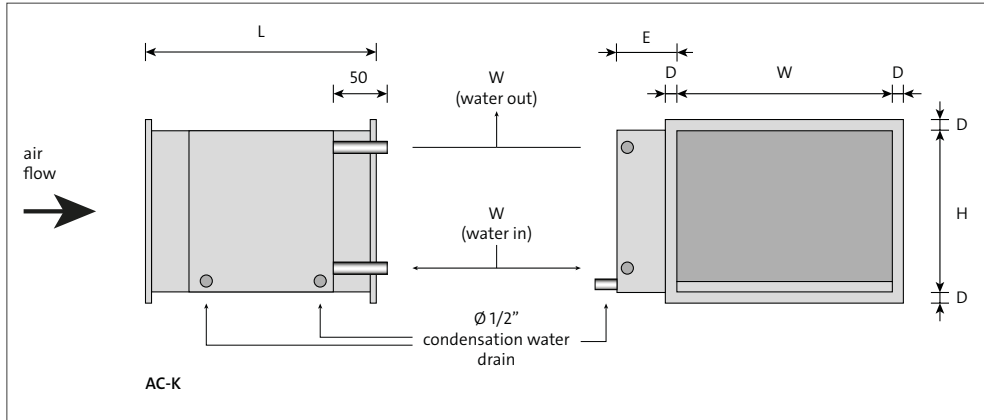
- The AC-K post-coolers are available in various versions.
- The connection dimensions can range from:
W x H 200 x 200 mm to 2000 x 1600 mm.
- The post-coolers are available in various versions for HT ranges, such as 10 - 16 °C, and LT ranges, such as 6 - 12 °C.
- The post-coolers comply with LUKA C/ATC 3 in accordance with EN 1751.

Version

Housing:	sendzimir galvanised steel
Sheet	
Air connection	DW20 or DW30 flanges
Water connection:	male thread
Condensation discharge:	1/2" 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.

Dimensions



Available dimensions

number of rows	L
≤ 6	400
7 - 10	500

number of circuits	Headers Cu	Ø Water	DN
1 - 7	22	1/2"	DN15
8 - 14	28	3/4"	DN20
15 - 22	35	1"	DN25
23 - 26	42	1 1/4"	DN32

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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](#)'.