

AC-K

Duct cooler , also suitable for

'change over' application

Rectangular

Cold water

Airtightness EN 1751 LUKA C/ATC 3

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.

Selection

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

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

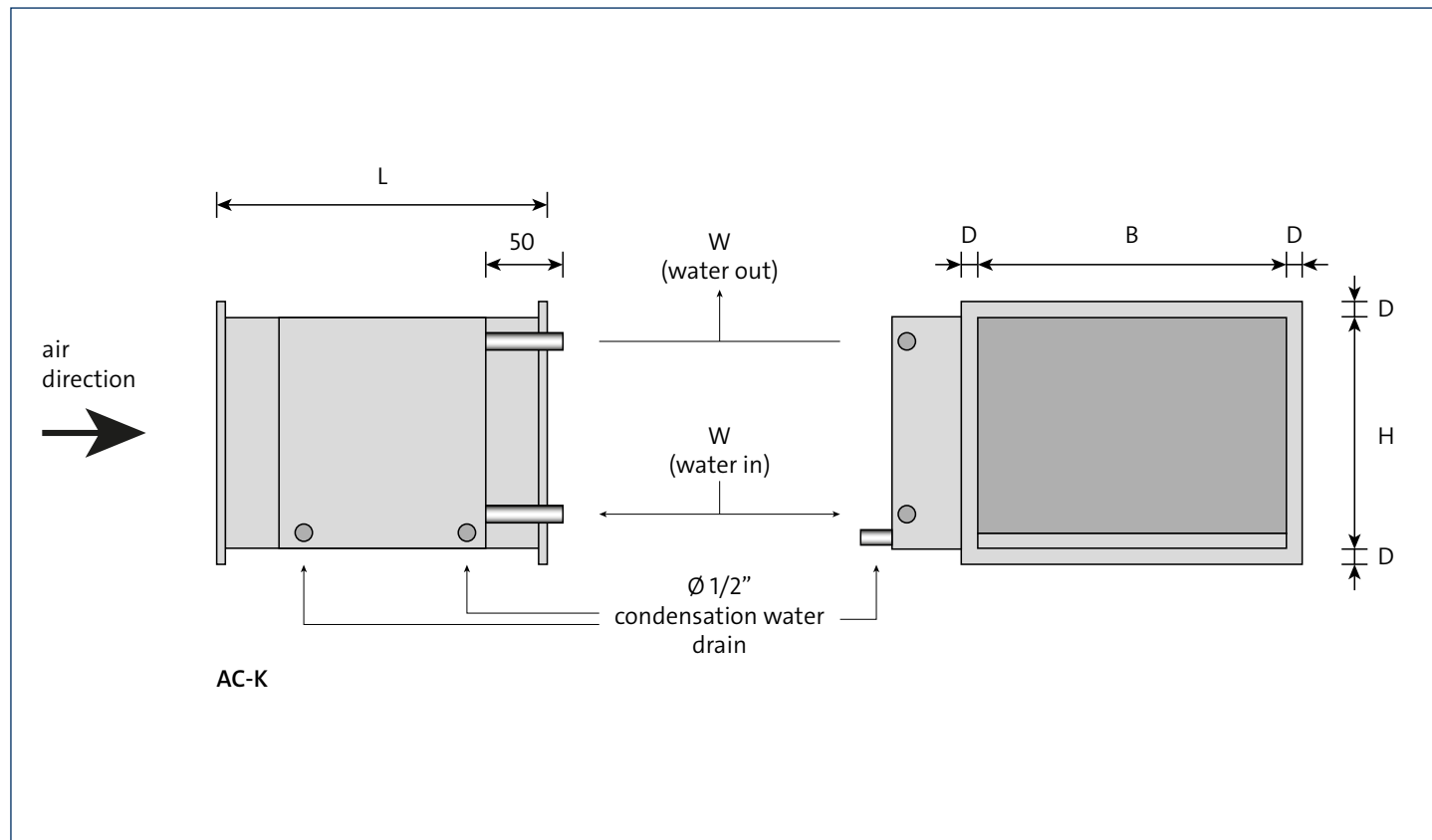
- Water connection

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

25 fin distance is 2.5 mm

- number of circuits
- dimension W x H

Dimensions



Available dimensions

L	Number of rows
400	≤ 6
500	7-10

Number of circuits	Headers Cu	Ø Water
1-7	22	1/2 "
8-14	28	3/4 "
15-22	35	1 "
23-26	42	1 1/4 "

Flange size D	
W or H to 650 mm	W or H from 700 mm
20	30

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.