



AC-R

Duct cooler , also suitable for
'change over' application

Round

Cold water

Airtightness EN 1751 LUKA D/ATC 2

Use

The AC-R- post-cooler has been designed to be built into the duct system. The post-cooler can also be used as a reheater in a 'change over' application. The post-cooler can be combined with a VVOO variable volume unit or a VCMH constant volume unit. See the relevant documentation for the details of these units.

Characteristics

- The AC-R- post-cooler is available in various versions.
- The connection diameters range from: D = 98 mm to D = 628 mm.
- It is suitable for HT ranges, such as 10 - 16 °C, and LT ranges, such as 6 - 12 °C.
- The airtightness of the post-cooler complies with EN 1751 LUKA D/ATC 2.

Version

housing:	sendzimir galvanised steel sheet
air connection:	round in accordance with DIN 24145 and Eurovent, 'safe' rubber seal
water connection:	male thread (depending on the selection)
condensation discharge:	½" male thread
headers:	copper
fins:	aluminium flat
maximum 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

AC - RR - 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

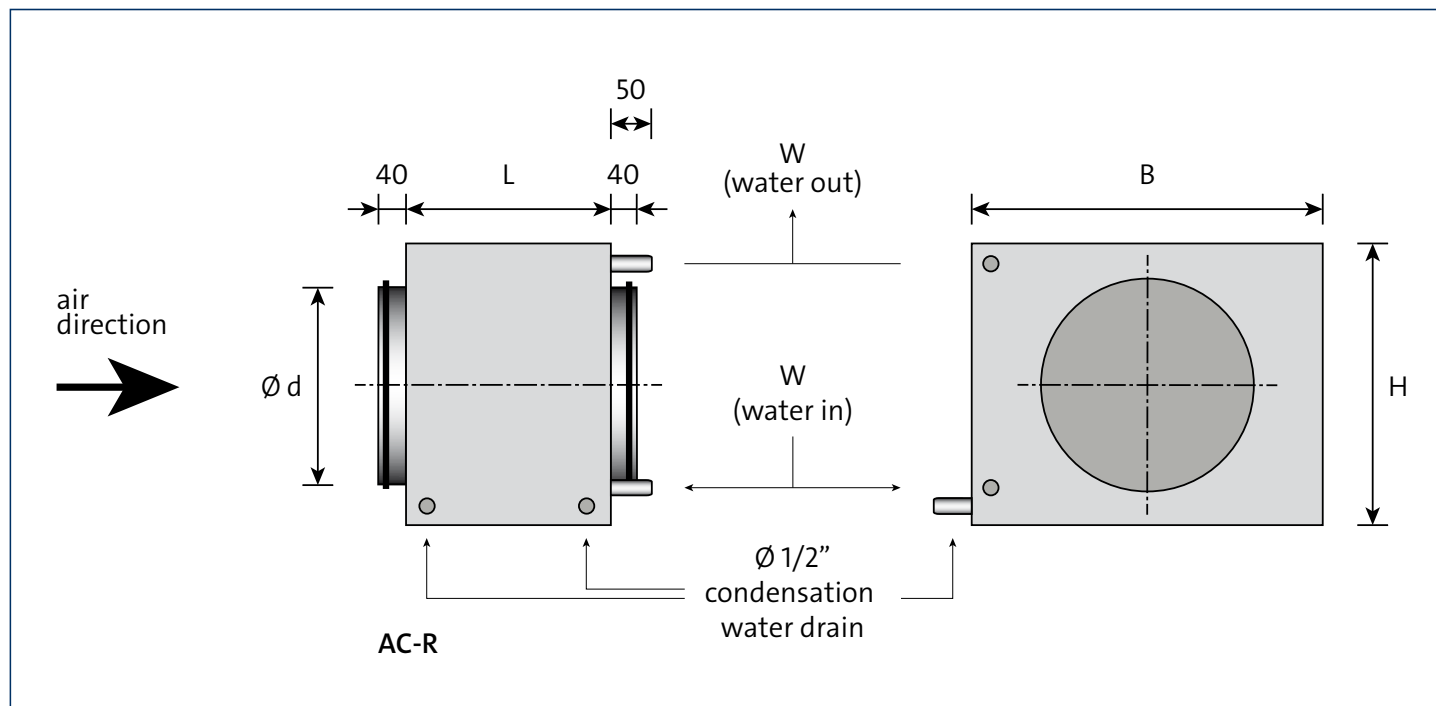
- R** primary round air connection
- R** secondary round air connection

- **Water connection**

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

- 25** fin distance is 2.5 mm
- number of circuits
- model

Dimensions



Available dimensions

model	D	B	H	L	W	C
100	98	226	157	500	water connection male thread (depending on the selection $\frac{1}{2}'' - 1\frac{1}{4}''$)	condensation discharge male thread $\frac{1}{2}''$
125	123	251	182	500		
160	158	301	232	500		
200	198	351	282	500		
250	248	401	332	500		
315	313	501	432	500		
400	398	601	532	500		
500	498	701	632	500		
630	628	801	732	500		

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.

Note

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