

Customer  
Country  
Project  
Enquiry dated  
Date **2019-11-6**  
Version Sw **171215 [2CBEC8A2]**

Attention  
Quotation nr  
Reference  
Your contact person  
Your contact phone

REMOTE CONDENSER	ACHSD099KB/2L-26 D		Number of passes	20/10s
<b>Required Capacity</b>	<b>89.0</b>	kW	Condensing Temp	<b>49.8</b> °C
<b>Effective Capacity</b>	<b>92.2</b>	kW	Condensing Temp	<b>50.0</b> °C
Safety margin	<b>3.6</b>	%	<b>Refrigerant (1)</b>	<b>R410A</b>
Air Flow	<b>49010.0</b>	m <sup>3</sup> /h	Hot gas temp.	<b>85</b> °C
Air velocity	<b>3.40</b>	m/s	Mass flow	<b>1811.45</b> kg/h
Air pressure/Altitude	<b>1013/0</b>	mbar/m	Heat transf. coeff. (*)	<b>11.2</b> W/(m <sup>2</sup> K)
Air Inlet/Outlet Temp.	<b>43.0/49.1</b>	°C	Heat transf. coeff. (**)	<b>58.6</b> W/(m <sup>2</sup> K)
Add. external air pressure	<b>0</b>	Pa	Pressure drops	<b>0.5/36</b> K/kPa

<b>Fan piece(s)</b>	<b>2 (400V/3/50Hz)</b>	Fan temp. operation range	<b>-40/70</b> °C
Fan Speed	<b>890</b> RPM	Noise Pressure Level (2)	<b>60</b> dB(A)
Capacity per motor / total	<b>2.5/5</b> kW	At the distance of	<b>10</b> m
Current per motor / total (3)	<b>5.2/10.4</b> A	Noise Power Level	<b>92.0</b> dB(A)

### Construction

Casing	<b>FeZn powder painted</b>	Fins	<b>Aluminium</b>
Varnishing	<b>Powder coated RAL 9010</b>	Surface	<b>524.3</b> m <sup>2</sup>
Dry weight (4)	<b>634</b> kg	Fin pitch	<b>2.1</b> mm
Max. operating pressure	<b>41</b> bar	Tubes	<b>Copper</b>
Length (L)	<b>3100</b> mm	Tube volume	<b>79.0</b> dm <sup>3</sup>
Width (D)	<b>1180</b> mm	Headers	<b>1 x 35 / 1 x 35</b>
Height (H)	<b>1520</b> mm	Manifold position	<b>Same side</b>
No. suspensions		Header material	<b>Copper</b>

(\*) Consider the hot gas temperature

(\*\*) Consider only the condensing temperature

### Our general terms of sales and delivery apply

Capacity- and temperatures are in accordance with EN327, EN328 and EN1048, tolerance Temperatures 0.2K

(1) Fluid group 2 according to directive 67/548/EWG

(2) by using the enveloping surface method acc. to EN 13487 - note: tolerance of sound emission of the fans +2dB

(3) The current consumption can differ in dependance of the air temperature and of the variations of system voltage according to the VDE guidance

For the details of the fan duty points (full- and part-load) we are referring to the norm of the fan manufacturer, according to DIN 24166 Class 3.

The data are for the operating point. Only the stamp data of the fans are relevant for the fuses of the plant. This will be communicated in the circuit diagram. Only from us confirmed circuit diagrams are binding.

(4) Dimension and weight are not valid for all possible options! By order please refer on confirmed drawing



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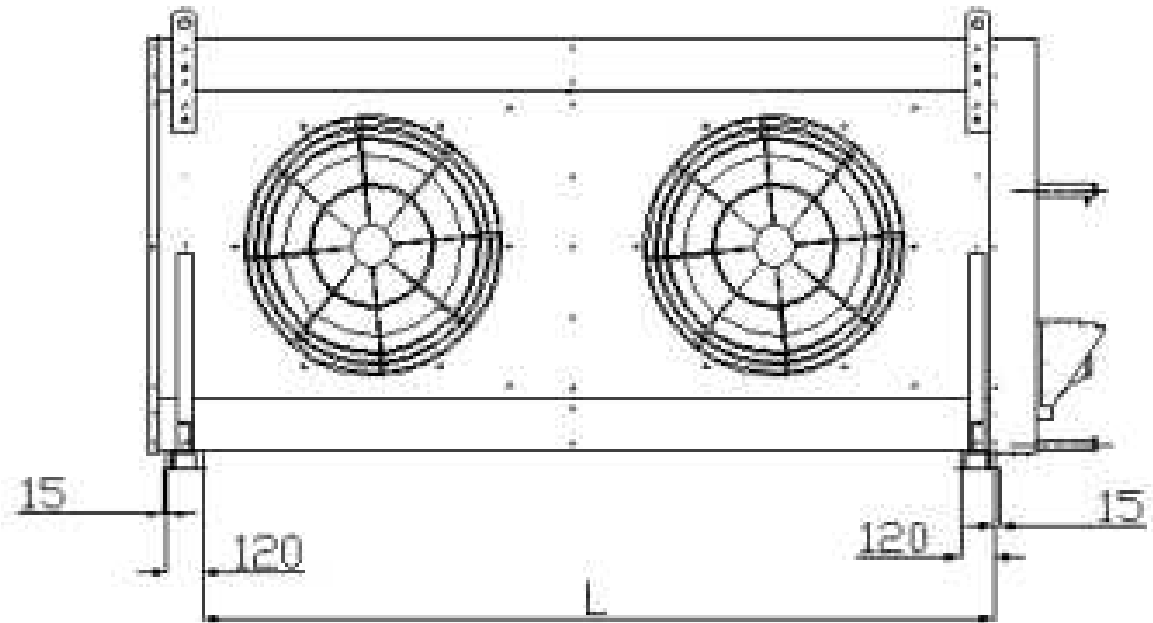
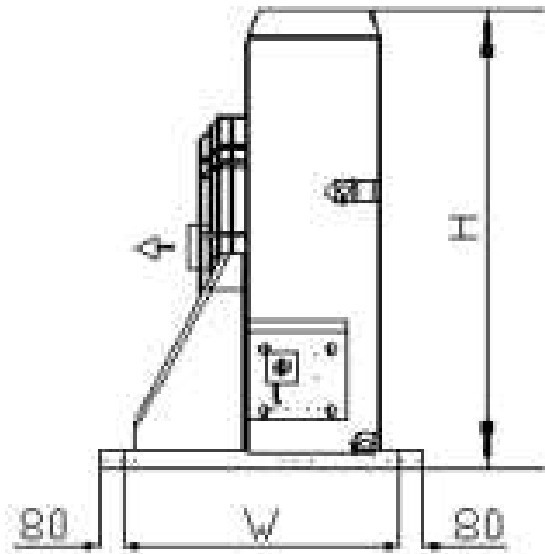
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**ACCESSORIES LIST**

- Wiring from fan to frontside of heat exchanger to
- Repair switch (two fans to one repair switch)
- Selected components mounted on unit
- Special fins - Blue fin 0,12 mm thickness

Terms of delivery  
Payment conditions  
Delivery Time  
Validity

Model ACHSD099KB/2L-26 D



V 1x2.2



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