



No. :

Dated : 15/09/2025

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Customer :

Contact :

Your reference :

Branch : CIATIK TRADE s.r.o.

Your contact : Miroslav Němčík

Telephone :

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1 Drycooler VEXTRA 1085 UI 1050E9B 12A1

Induced draft, As per catalogue

• THERMAL PERFORMANCES FOR 1 UNIT

Thermal capacity	360 kW
Exchange area (Thermal margin)	2 068 m ² (-7,6%)
Fluid	MPG 35%
Inlet/outlet temperature	16 / 9 °C
Flow in inlet	47,02 m ³ /h (0,01306 m ³ /s)
Pressure drops	82,7 kPa
Ambient air	
Altitude	0 m
Temperature	6 °C

• SOUND LEVEL FOR 1 UNIT *(No options - For X units, add 10logX)*

Sound pressure level : 65.0 dBA at 10 meters from unit,
at 1m50 above ground, in free field, directivity 2, tolerance +/-2 dB.

Sound pressure level: reference 2×10^{-5} Pa, tolerance +/-2 dB.

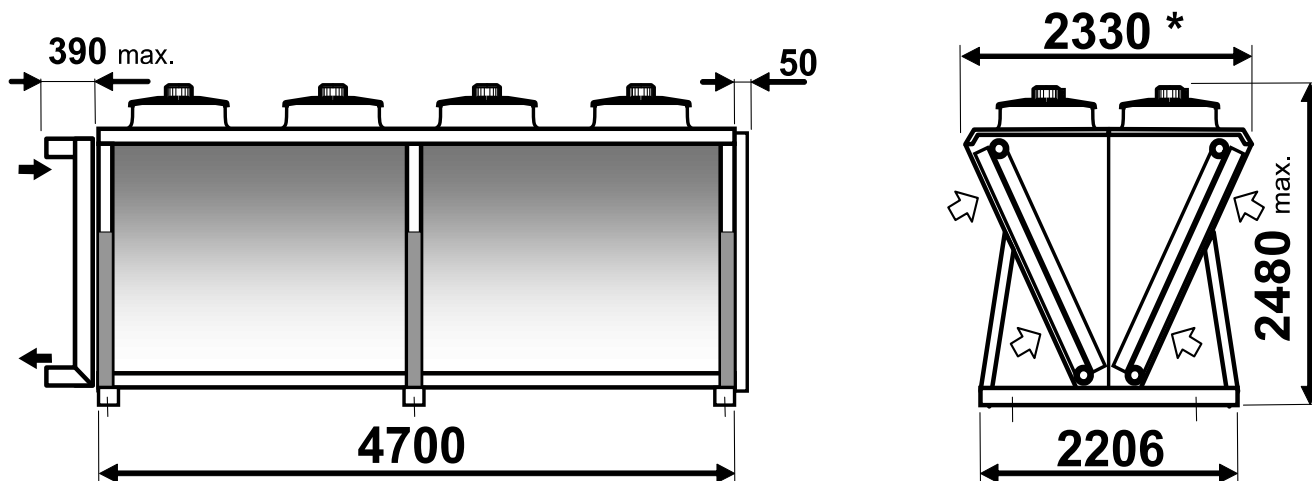
Calculated according to $L_p = L_w - 10 \times \log S$

Sound pressure levels depend on installation conditions and are given for information only. We remind you that only sound power levels are certified and reliable values.

Sound power spectrum (ISO 3744) :

Frequencies (Hz)	125	250	500	1000	2000	4000	8000	Overall
Sound power dB(A)	82	89	93	92	88	84	76	97,4

• DIMENSIONS AND WEIGHT FOR 1 UNIT



* Exact width defined after order. Up to 2420 mm depending on selections - Consult us for transport by container.

Dimensions without options - Empty Weight, options included.: 1 720 kg +/-10%



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- **CHARACTERISTICS PER UNIT**

- **Casing** : painted galvanized steel sheets - Light grey RAL 7035

- **2 Identical exchanger bundles :**

- Data for 1 exchange bundle:

- Pipes: Copper

- Fins material / coating: Aluminium

- 6 Pass(es) - Inlet/Outlet same side

- Content : 198 dm³

- PED 2014/68/UE: Article 4.3

- 5 Rows - fin space: 2,1 mm

- In: 304L s/s flange (PN16, 02A DN 80 DIN2642)

- Out: 304L s/s flange (PN16, 02A DN 80 DIN2642)

- Max allowable Press./Temp.: 13 bar g. / 110 °C

- **8 Fan motor assemblies :**

- rotation speed: 1050 rpm

- Impeller with Aluminium blades D 910 mm

- Motor EC - Class F - IP54 - 400 V / 3 ph / 50 Hz

- Operation : 8 x 2 400 W - 8 x 3,55 A - 1 050 rpm

- Maximum : 8 x 3 250 W - 8 x 4,83 A - 1 100 rpm

- Electrical connection(s): on motor terminal boxes without optional cabinet, else motors wired and connected to cabinet

- **INSTALLATION PRECAUTIONS** : The installer must take all necessary precautions to avoid recycling of hot air, which would reduce the performances.

- **NOTE(S)**

- No chiller CIAT associated

- Applicability (Press. Equipts Dir.): Air Conditionning, Refrigeration, Heat Pumps

- Power consumption indicated at 20°C - it may change depending on the air temperature and voltage variations.

- Maximum consumption of the unit according to the options: refer to the instructions for electrical connection.

We recommend the transport by flat truck or OPENBOX