



No. :

Dated : 15/09/2025

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Customer :

Contact :

Your reference :

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## 1 Drycooler VEXTRA 1105 UI 1050E9B 12A1

Induced draft, As per catalogue

### • THERMAL PERFORMANCES FOR 1 UNIT

Thermal capacity	535 kW
Exchange area (Thermal margin)	2 989 m <sup>2</sup> (-5,3%)
Fluid	MPG 35%
Inlet/outlet temperature	34 / 29 °C
Flow in inlet	97,92 m <sup>3</sup> /h (0,0272 m <sup>3</sup> /s)
Pressure drops	100 kPa

### Ambient air

Altitude	0 m
Dry bulb temp. / Relative humidity	35,0 °C / 40 %

### Standard misting V2

Water flow rate: 0,365 kg/s (21,9 l/min)
Calculation t/rh: 24,9 °C / 91 %

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

Sound pressure level : 65.8 dBA at 10 meters from unit,  
at 1m50 above ground, in free field, directivity 2, tolerance +/-2 dB.

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

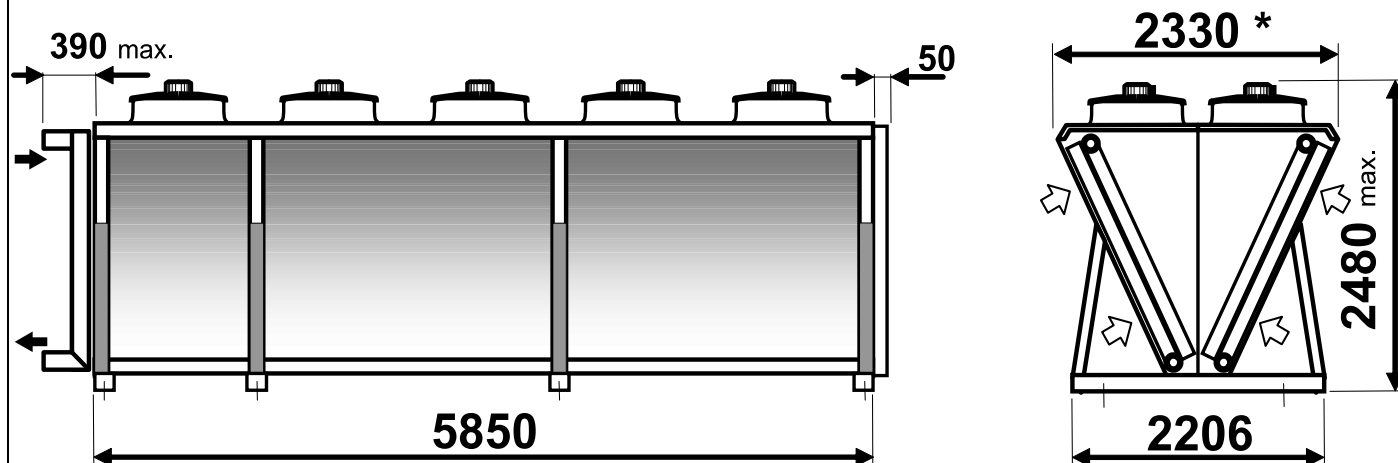
Calculated according to  $L_p = L_w - 10 \times \log S$

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)	83	90	94	93	89	85	77	98,3

### • 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.: 2 250 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: Pre-lacquered Aluminium

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

- Content : 241 dm<sup>3</sup>

- PED 2014/68/UE: Article 4.3

- 5 Rows - fin space: 1,8 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

- **10 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 : 10 x 2 480 W - 10 x 3,67 A - 1 050 rpm

- Maximum : 10 x 3 250 W - 10 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