



No. :

Dated : 30/09/2025

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Customer :

Contact :

Your reference : 23163 A11

Branch : CIATIK TRADE s.r.o.

Your contact : Miroslav Němčík

Telephone :

Fax :

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1 Drycooler VEXTRA 1105 UI 1050E9B 12A1

Induced draft, As per catalogue

• THERMAL PERFORMANCES FOR 1 UNIT

Thermal capacity	360 kW
Exchange area (Thermal margin)	2 195 m ² (+1,9%)
Fluid	MPG 35%
Inlet/outlet temperature	16 / 9 °C
Flow in inlet	47,02 m ³ /h (0,01306 m ³ /s)
Pressure drops	102 kPa
Ambient air	
Altitude	0 m
Temperature	6 °C

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

Sound pressure level : 65.8 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.

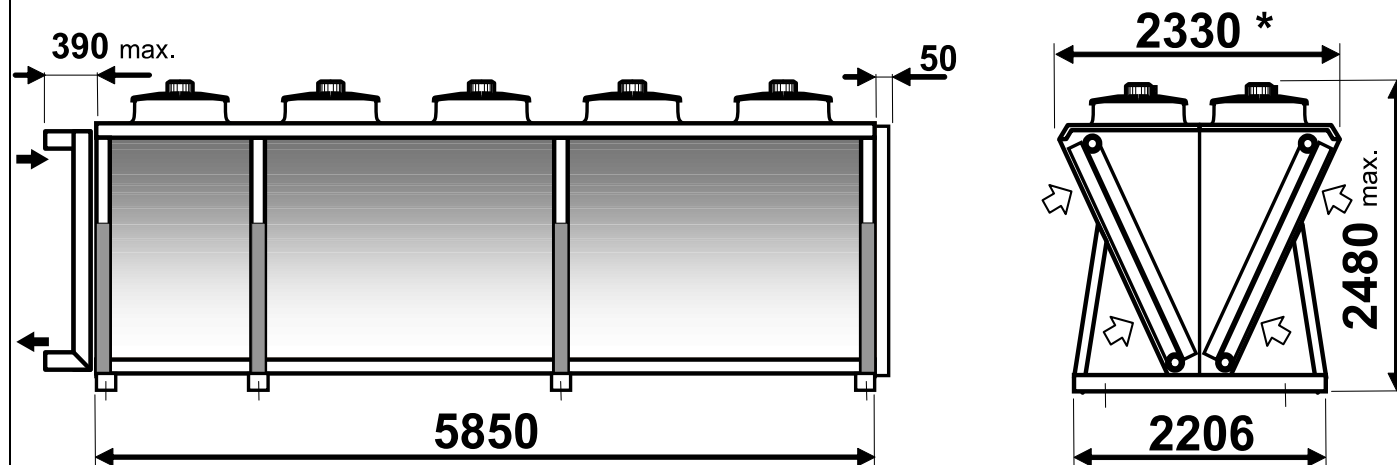
Calculated according to $L_p = L_w - 10 \times \log S$

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)	83	90	93	93	89	85	77	98,0

• 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.: 2 100 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 : 241 dm³

PED 2014/68/UE: Article 4.3

5 Rows - fin space: 2,5 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 2 350 W - 10 x 3,48 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

• **OPTIONS AND ACCESSORIES PER UNIT**

- **Control cabinet with Aeroconnect (x1)**

400 V / 3 ph / 50 Hz + N

IP54 box made from A3G aluminium with 1 general disconnect switch for copper cables, magnetic motor fuse protection, connection of engine defects, control via board Aeroconnect, configured according to the manual provided, 1 fault summary, no. of stages with AC motors: 5,

Main functions of Aeroconnect: staged temperature control (AC motors) or temperature control governed by rotation speed (EC motors), communication by bus connection (MODBUS protocol), balancing of the stage running times (AC motors), 2 setpoints, water law based on the outdoor temperature, free cooling management, misting management, override/automatic operation controls, configurable maximum speed (EC motors), console with LCD screen facilitating parameter setting and access to operating information (setpoint, temperature, etc.) or to faults.

- **Temperature sensor (x1)**

Fluid max. 100 °C – sensor connected and fitted on the outlet piping.

- **External sensor temperature (x1)**

to be connected to the vertical unit by the customer during installation

• **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

Description	Quantity	Price per unit Without taxes EUR	Net amount Without taxes EUR
VEXTRA 1105 UI 1050E9B 12A1	1		
- Control cabinet with Aeroconnect	1		
- Temperature sensor	1		
- External sensor temperature	1		

Based on our general terms and conditions of sale in your possession.

As part of our policy of continual improvement, we reserve the right to make any technical modifications we feel necessary without prior notice.

Validity of prices: 1 month.