

TECHNICAL DATASHEET

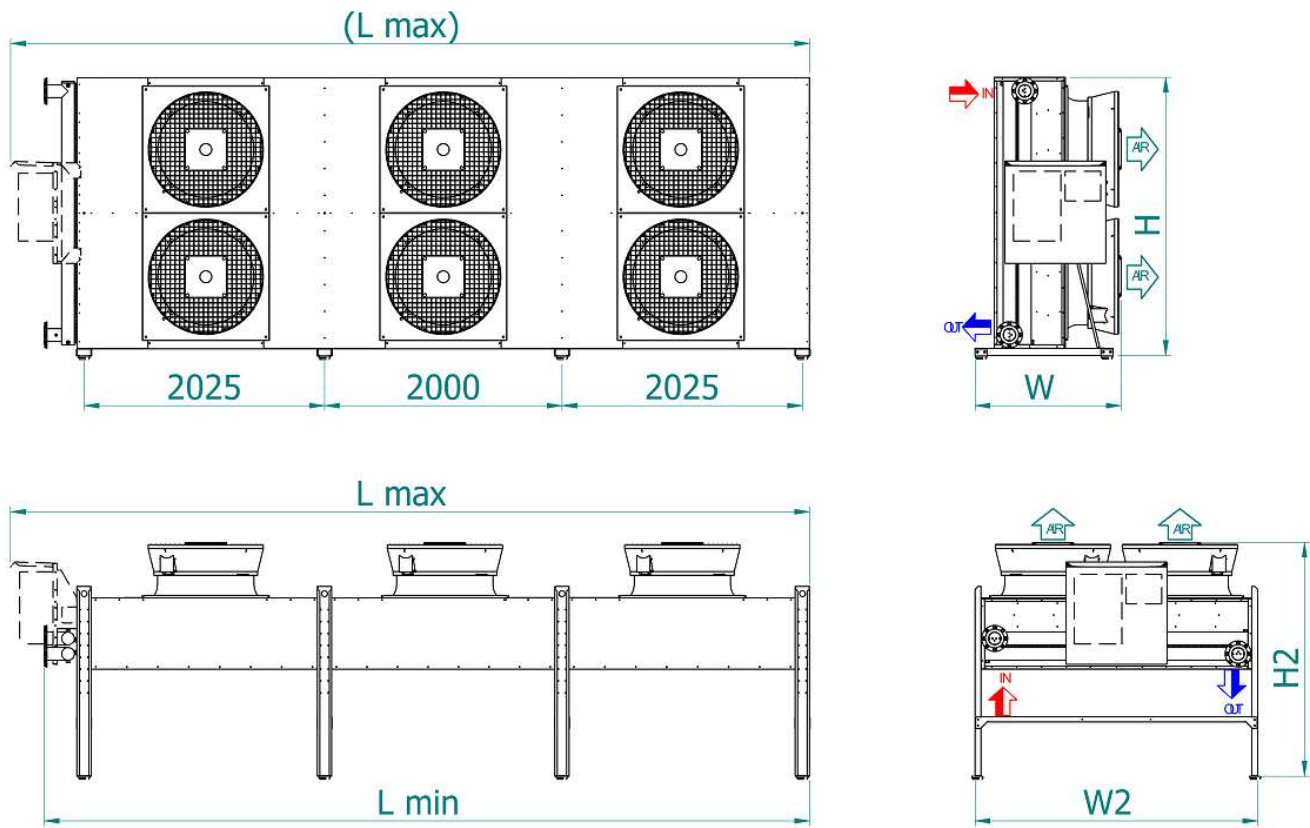
Position Nr.	1	Project Reference:	
	ZBPC 2390.6 / 2 - 80%	Project Name:	
		Client Position Name:	ZBPC 2390.6 / 2 - 80
DUTY DATA		Dry System	
Required cooling capacity ⁴	284.0 [kW]	Energy class ¹	D
Calculated cooling capacity ⁴	278.0 [kW]	Margin	-2.1 [%]
AIR DATA			
Air Inlet Temp.	35.0 [°C]	Inlet Relative Humidity	50 [%]
Air Outlet Temp.	42.2 [°C]	Outlet Relative Humidity	34 [%]
		Altitude	0 [m]
		Airflow	124993 [m3/h]
FLUID DATA			
Fluid Name ⁷	Ethylene Glycol 35%	Fluid speed	0.7 [m/s]
Inlet Fluid Temp.	45.0 [°C]	Fluid flow	53.0 [m3/h]
Outlet Fluid Temp.	40.0 [°C]	Fluid Pressure drop	15.8 [kPa]
FANS DATA			
Number of fans	6 [N°]	Fan Diameter	900 [mm]
EC	80 %	Rotation speed	708 [rpm]
		Voltage / Phase / Frequency	400 - 3 - 50 [Volt/N°/Hz]
Electrical Power / Nom. (1 fan) ⁶	1 / 2.10 [kW]	Total el.power consumption / Nom. ⁶	6 / 12.60 [kW]
Current consumption / Nom. (1 fan) ⁶	1.64 / 3.20 [A]	Total current consumption / Nom. ⁶	9.84 / 19.20 [A]
NOISE DATA			
Sound Pressure Level (Lp) ³	52.6 [dB(A)]	Sound Power Level (Lw) ³	85.0 [dB(A)]
at a distance of	10 [m]		
COILS DATA			
Exchange area	1849 [m2]	Inner volume	233 [dm3]
Empty weight ⁵	1637 [kg]	Fin spacing	2.1 [mm]
OTHER			
Fins material ²	Al	Tubes material ²	Cu

- (1) Energy class calculated with optimized coil circuit and in standard condition
- (2) Make sure that the selected materials are compatible with the characteristics of the installation site
- (3) Calculation method according to EN 13487. Tolerances according to RS 7/C/008-2015 paragraph VII.
- (4) Tolerances according to RS 7/C/008-2015 paragraph VII
- (5) Dimensions and weights are not binding and depend on the selected accessories
- (6) The current consumption can differ in dependance of the air temperature and of the variations of systems voltage according to VDE guidance

(7) Fluid group 2 according to PED Directive 2014/68/EU and Regulation (EC) No 1272/2008

DIMENSIONAL DRAWING

Position Nr. 1
Liquid Cooler
H/V Airflow
ZBPC 2390.6 / 2 – 80%



This picture is a mere indication of the product range selected. It may not correspond to the model/unit chosen.

Lmax ⁵	6,700 [mm]	W ⁵	1,230 [mm]	H ⁵	2,400 [mm]
Lmin ⁵	6,445 [mm]	W2 ⁵	2,380 [mm]	H2 ⁵	1,970 [mm]

(5) Dimensions and weights are not binding and depend on the selected accessories