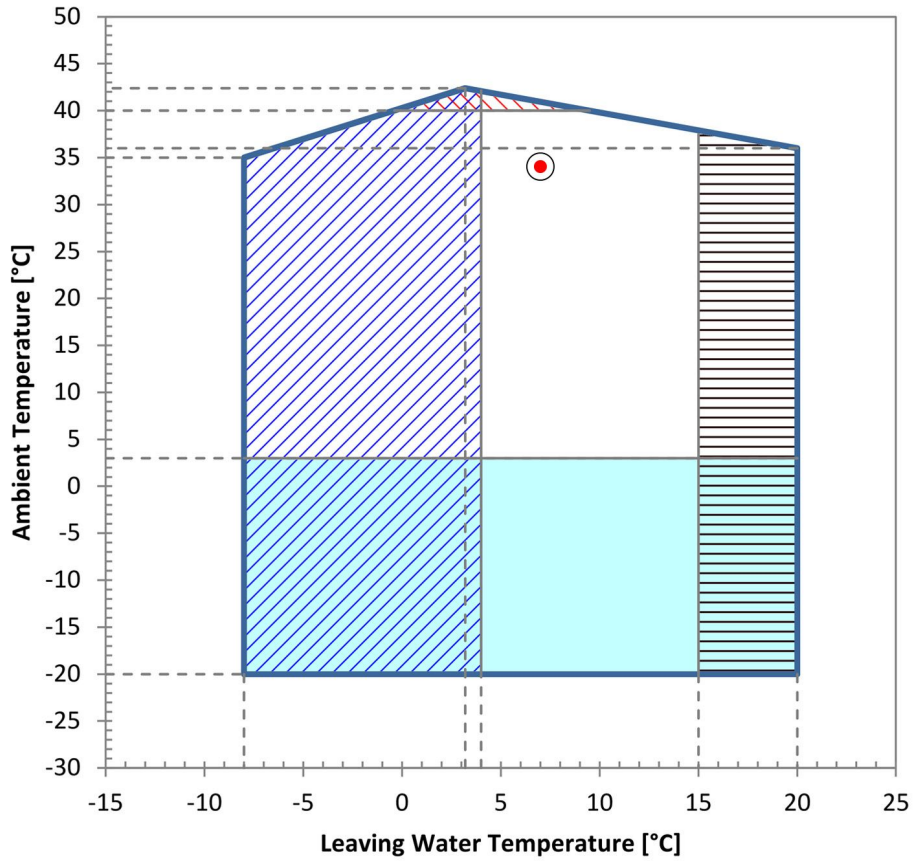







Steps	N°	1
EVAPORATOR DATA		
Number of evaporators	N°	1
Type of evaporator	Type	Coaxial
Nominal flow rate	m ³ /h	0.95
Minimum flow rate	m ³ /h	0,8
Maximum flow rate	m ³ /h	2,2
Pressure drops (Evaporator + Valves + piping)	kPa	25.38
Hydraulic connections	BSP/DN	3/4"
PROCESS PUMP DATA		
Pump P3		
Maximum pump absorbed power	kW	0,56
Maximum pump absorbed current	A	3,46
Available pressure with single pump	kPa	245.17
Available pressure with double pump (optional)	kPa	not available
Pump P5 (optional)		
Maximum pump absorbed power	kW	0,74
Maximum pump absorbed current	A	3,22
Available pressure with single pump (optional)	kPa	421.08
Available pressure with double pump (optional)	kPa	not available
TANK DATA		
Tank volume	dm ³	40
Expansion vessel volume (optional)	dm ³	NA
AIR AXIAL FANS AND CONDENSER DATA		
Number of condenser coils	N°	1
Number of fans	N°	1
Total absorbed power	kW	0,10
Total absorbed current	A	0,50

Total Air Flow	m3/h	1500
TOTAL ELECTRIC DATA (standard configuration)		
Nominal absorbed power	kW	2.46
Maximum absorbed current (FLA)	A	12,50
Maximum peak current (LRA)	A	46,00
Maximum peak current with soft-start (LRA) (optional)	A	NA
NOISE DATA		
Sound pressure level at 10m according ISO3744	dBa	51,5
Sound pressure level at 10m according ISO3744 (Low Noise version)	dBa	NA
DIMENSIONS		
Structure in galvanized steel	RAL	7035
Length	mm	600
Width	mm	655
Height	mm	1035
WEIGHT		
Empty	kg	102
FREE SPACE		
Electrical Panel Side	mm	1000
Opposite Side of Electrical Panel	mm	1000
Condensing Coil Sides	mm	1000
NOTE		
<p>All data subject to change With glycol percentage over 30% and leaving water temperature lower than 0°C, pump need to be checked by technical department TR45 option required with ambient temperature higher than 40°C LW option required with leaving water temperature lower than 4°C HW option required with leaving water temperature higher than 15°C With ambient temperature between 3°C and -10°C, LT (low temperature) option is required ENR comply with the European Regulation (EU) 2016/2281, referring to high temperature process chillers, according to minimum SEPR value.</p>		

OPERATING LIMITS



-  Operating area of standard units
-  Optional LW required
-  Optional HW required
-  Optional LT required
-  Optional TR45 required