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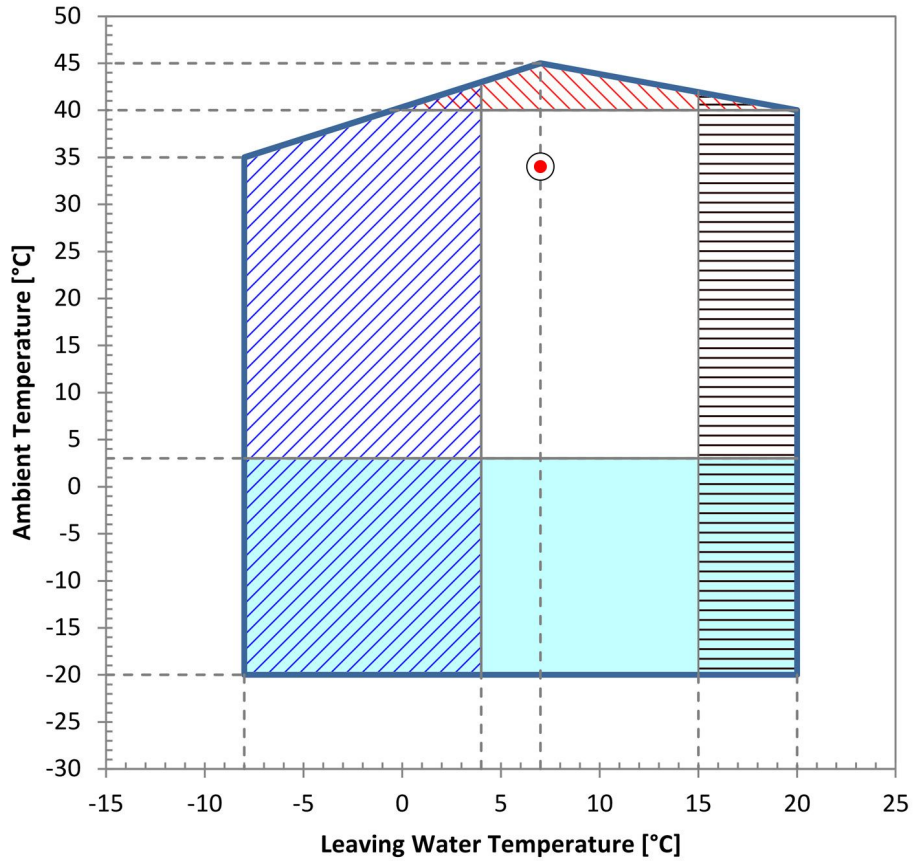







<i>Aircooled chiller with scroll compressors</i>		<b>ENR.002</b>
Type		scroll
System		air cooled
Cooling capacity	kW	2.1
C.O.P.	kW/kW	3
E.E.R.	kW/kW	2.59
Inlet water fluid temperature	°C	12
Outlet water fluid temperature	°C	7
Fluid type	Type	water
Glycol percentage	%	
Minimum ambient temperature	°C	3
Maximum ambient temperature	°C	45
Design ambient temperature	°C	35
Elevation a.s.l.	m	0
Type of refrigerant gas	R	410A
Electrical feed according EN 60204-1	V/ph/Hz	230/1/50
Electrical cabinet	IP	54
<b>COMPRESSOR DATA</b>		
Number of compressors	N°	1
Number of circuits	N°	1
Total Compressors Nominal Absorbed Power	kW	0.7
Total Compressors Running current RLA	A	3.38

Steps	N°	1
<b>EVAPORATOR DATA</b>		
Number of evaporators	N°	1
Type of evaporator	Type	Plate
Nominal flow rate	m3/h	0.36
Minimum flow rate	m3/h	0,3
Maximum flow rate	m3/h	2,0
Pressure drops (Evaporator + Valves + piping)	kPa	17.91
Hydraulic connections	BSP/DN	1/2"
<b>PROCESS PUMP DATA</b>		
<b>Pump P3</b>		
Maximum pump absorbed power	kW	0,56
Maximum pump absorbed current	A	3,46
Available pressure with single pump	kPa	290.61
Available pressure with double pump (optional)	kPa	not available
<b>Pump P5 (optional)</b>		
Maximum pump absorbed power	kW	NA
Maximum pump absorbed current	A	NA
Available pressure with single pump (optional)	kPa	-17.91
Available pressure with double pump (optional)	kPa	not available
<b>TANK DATA</b>		
Tank volume	dm3	10
Expansion vessel volume (optional)	dm3	NA
<b>AIR AXIAL FANS AND CONDENSER DATA</b>		
Number of condenser coils	N°	1
Number of fans	N°	1
Total absorbed power	kW	0,11
Total absorbed current	A	0,80

Total Air Flow	m3/h	650
<b>TOTAL ELECTRIC DATA (standard configuration)</b>		
Nominal absorbed power	kW	1.37
Maximum absorbed current(FLA)	A	7,50
Maximum peak current (LRA)	A	21,00
Maximum peak current with soft-start (LRA) (optional)	A	NA
<b>NOISE DATA</b>		
Sound pressure level at 10m according ISO3744	dBa	51,0
Sound pressure level at 10m according ISO3744 (Low Noise version)	dBa	NA
<b>DIMENSIONS</b>		
Structure in galvanized steel	RAL	7035
Length	mm	445
Width	mm	440
Height	mm	740
<b>WEIGHT</b>		
Empty	kg	55
<b>FREE SPACE</b>		
Electrical Panel Side	mm	1000
Opposite Side of Electrical Panel	mm	1000
Condensing Coil Sides	mm	1000
<b>NOTE</b>		
<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