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*Condenserless chillers with scroll compressors*

**ENRC.061**

Type		Scroll
System		condenserless
Cooling capacity	kW	59.71
C.O.P.	kW/kW	4.88
E.E.R.	kW/kW	4.88
Inlet water fluid temperature	°C	12
Outlet water fluid temperature	°C	7
Fluid type	Type	water
Glycol percentage	%	
Minimum ambient temperature	°C	-3
Maximum condensing temperature	°C	60
Design condensing temperature	°C	35
Type of refrigerant gas	R	410A
Electrical feed according EN 60204-1	V/ph/Hz	400/3/50
Electrical cabinet	IP	54
<b>COMPRESSOR DATA</b>		
Number of compressors	N°	2
Number of circuits	N°	1
Total Compressors Nominal Absorbed Power	kW	12.23
Total Compressors Running current RLA	A	22.69
Steps	N°	2

<b>EVAPORATOR DATA</b>		
Number of evaporators	N°	1
Type of evaporator	Type	Coaxial
Nominal flow rate	m3/h	10.26
Minimum flow rate	m3/h	8,00
Maximum flow rate	m3/h	18,00
Pressure drops (Evaporator + Valves + piping)	kPa	32.01
Hydraulic connections	BSP/DN	"2""
<b>PROCESS PUMP DATA</b>		
<b>Pump P3</b>		
Maximum pump absorbed power	kW	2,53
Maximum pump absorbed current	A	4,56
Available pressure with single pump	kPa	210.39
Available pressure with double pump (optional)	kPa	197.86
<b>Pump P5 (optional)</b>		
Maximum pump absorbed power	kW	6,12
Maximum pump absorbed current	A	10,40
Available pressure with single pump (optional)	kPa	439.41
Available pressure with double pump (optional)	kPa	426.88
<b>TANK DATA</b>		
Tank volume	dm3	410
Expansion vessel volume (optional)	dm3	19
<b>TOTAL ELECTRIC DATA (standard configuration)</b>		
Nominal absorbed power	kW	14.76
Maximum absorbed current(FLA)	A	43,00
Maximum peak current (LRA)	A	141,78
Maximum peak current with soft-start (LRA) (optional)	A	118,18
<b>NOISE DATA</b>		

Sound pressure level at 10m according ISO3744	dBa	52,5
Sound pressure level at 10m according ISO3744 (Low Noise version)	dBa	51,0
<b>DIMENSIONS</b>		
Structure in galvanized steel	RAL	7035
Length	mm	2220
Width	mm	1100
Height	mm	1900
<b>WEIGHT</b>		
Empty	kg	780
<b>FREE SPACE</b>		
Electrical Panel Side	mm	1000
Opposite Side of Electrical Panel	mm	1000
Condensing Coil Sides	mm	1500
<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 between 40°C and 45°C, TR50 for temperature higher than 45°C                  LW option required with leaving water temperature lower than 4°C                  HW option required with leaving water temperature higher 15°C                  With ambient temperature between -3°C and -25°C, LT (low temperature) option is required</p>		