



ΟΥΤ Τ ΩΪΩΨΦΘ ÕÄÛÒÚÛÜ

Υ ΟΕΪÜΟΕΨΥÄÛΥΩΨ ÛΩΨ

Commissioning Date

Customer

Location

Application

Unit Cooling Air Water Cooling Medium Air Water Brine "Brine", Type

Others/Comments

Contractor

Technician

e-Mail

Model

Serial Number

Refrigerant

Oil Type

Frequency Inverter Operation (yes /no): If "yes", f_{min} Hz, f_{max} Hz

Remarks

ATTENTION! The measurements must be carried out in a stable operating condition!

Metering Point *	Date	Times	Time 1	Time 2	Time 3
Compressor					
1 p_o / t_o SST	Evaporation pressure/temperature** Saturated suction temperature	bar / °C			
2 p_c / t_c SDT	Condensing pressure/temperature** Saturated discharge temperature	bar / °C			
3 t_{oh} RGT	Suction gas temperature** Return gas temperature	°C			
4 t_{ch} DGT	Discharge gas temperature	°C			
U	Supply voltage (phase 1, 2 and 3)	V			
I	Operating current (phase 1, 2 and 3)	A			
Screw Compressor Specific					
5 p_{ECO} SST _{ECO}	ECO-Evaporation pressure/temperature ECO-Saturated suction temperature	bar / °C			
6 t_{ECO} RGT _{ECO}	ECO-Suction gas temperature ECO-Return gas temperature	°C			
7 t_{OIL}	Oil separator	°C			
8 t_{OIL}	Oil injection compressor	°C			
Reciprocating Compressor Specific					
9 $p_{OIL(+)}$	Oil pressure				
10 $p_{OIL(-)}$	Oil pressure				
Δp_{OIL}	Oil pressure ($p_{OIL(+)} - p_{OIL(-)}$)				
At Condenser					
11 p_c / t_c SCT	Condensing pressure/temperature Saturated discharge temperature	bar / °C			
t_{amb}	Ambient temperature, if air cooled	°C			
12 t_{liquid}	Liquid temperature**	°C			
13 $t_{w in}$	Unit cooling / inlet temperature	°C			
14 $t_{w out}$	Unit cooling / outlet temperature	°C			
At Evaporator					
	Bubbles visible in sight glass?	yes no	yes no	yes no	yes no
15 p_o / t_o SST	Evaporation pressure/temperature Saturated suction temperature	bar / °C			
16 t_{oh} RGT	Suction gas temperature Return gas temperature	°C			
17 $t_{w in}$	Cooling medium / inlet temperature	°C			
18 $t_{w out}$	Cooling medium / outlet temperature	°C			

* see pictures!

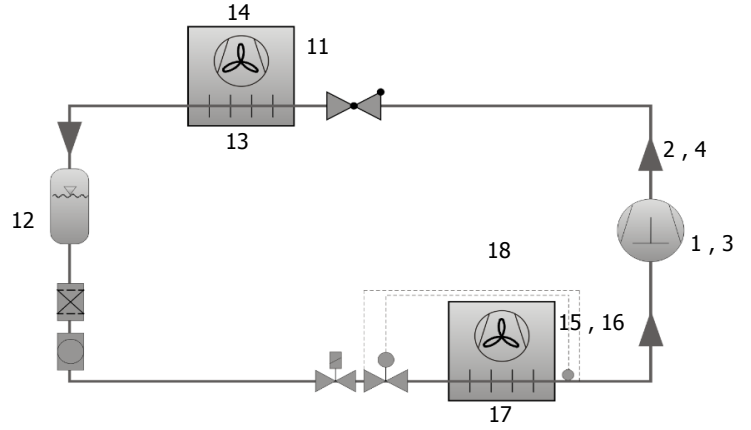
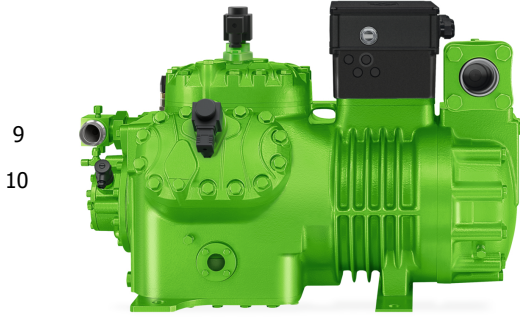
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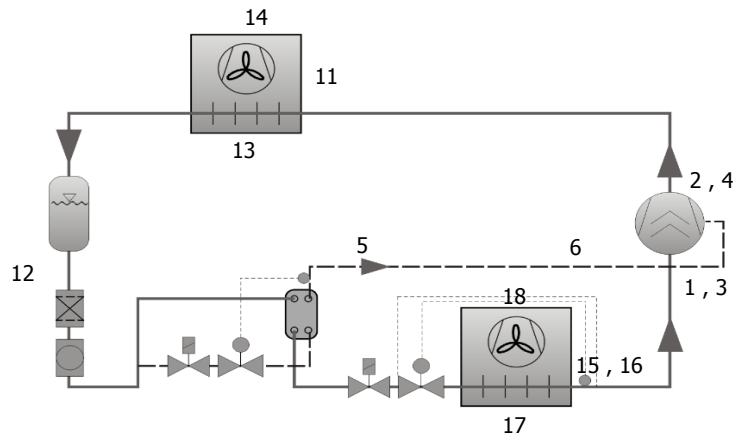
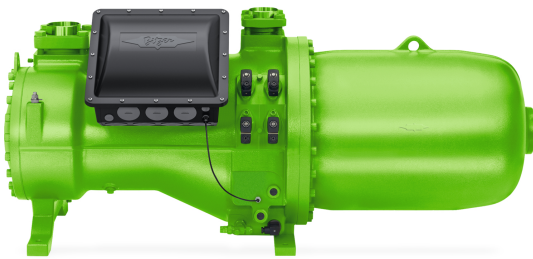
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****Mandatory!**

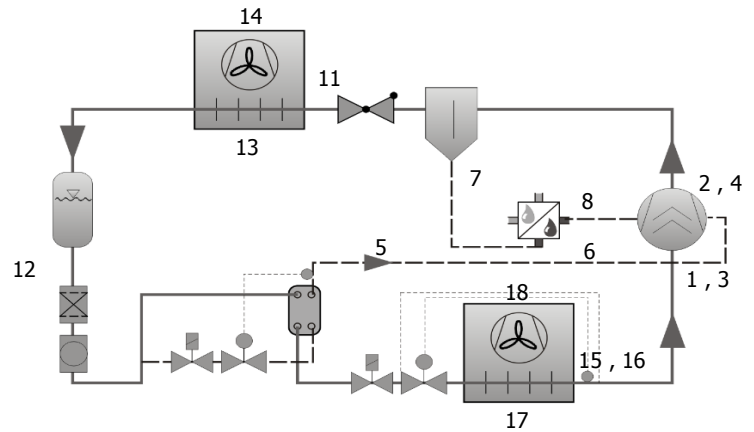
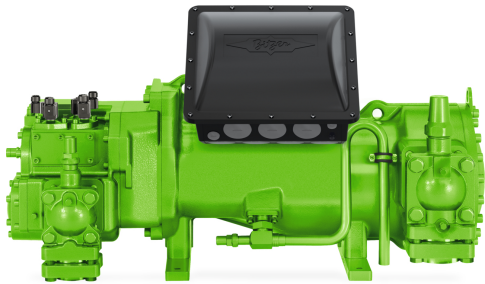
RECIPROCATING COMPRESSOR



SEMI-HERMETIC COMPACT SCREW COMPRESSOR



SEMI-HERMETIC SCREW COMPRESSOR



SCROLL COMPRESSOR

