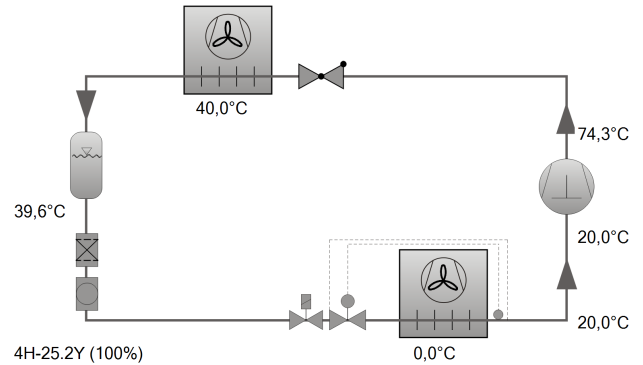




Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	(4H-25.2Y)
Mode	Refrigeration and Air conditioning
Refrigerant	R404A
Reference temperature	Dew point temp.
Evaporating SST	0 °C
Condensing SDT	40,0 °C
Liq. subc. (in condenser)	0 K
Suction gas temperature	20,00 °C
Operating mode	Auto
Power supply	400V-3-50Hz
Capacity control	100%
Useful superheat	100%



Result

Compressor	4H-25.2Y-40P
Capacity steps	100%
Cooling capacity	59,4 kW
Cooling capacity *	59,4 kW
Evaporator capacity	59,4 kW
Power input	18,35 kW
Current (400V)	31,9 A
Voltage range	380-420V
Condenser capacity	77,8 kW
COP/EER	3,24
COP/EER *	3,24
Mass flow	1705 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	74,3 °C



*Compressor-Performance data certified by ASERCOM (see T.Data/ Notes)

*According to EN12900 (20°C suction gas temp., 0K liquid subcooling)

Application Limits 100% 4H-25.2

