



10106
Bitzer 4VCS 10.2Y

Version 5.3.2

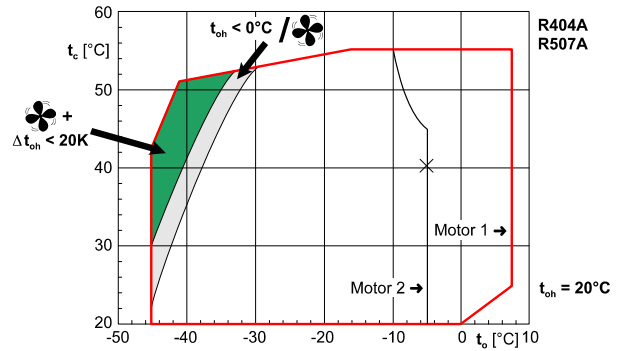
28-1-2013 / All data subject to change.

Compressor Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	4VCS-10.2Y
Refrigerant	R404A
Reference temperature	Dew point temp.
Evaporating SST	-5°C
Condensing SDT	40°C
Liquid subcooling(in Cond.)	5K
Suct. gas superheat	10K
Operating mode	Auto
Power supply	400V-3-50Hz
Useful superheat	100%
Capacity Control	100%

Application Limits (R404A/R507A)



Output

Compressor model	4VCS-10.2Y-40P
Cooling capacity	23.2 kW
Cooling capacity *	22.8 kW
Evaporator capacity	23.2 kW
Power input	7.70 kW
Current (400V)	13.31 A
Voltage range	380-420V
Condenser capacity	30.9 kW
COP/EER	3.01
COP/EER *	2.96
Mass flow	689 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	64.9 °C



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

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