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Bitzer 4PCS 15.2Y

Version 5.3.2

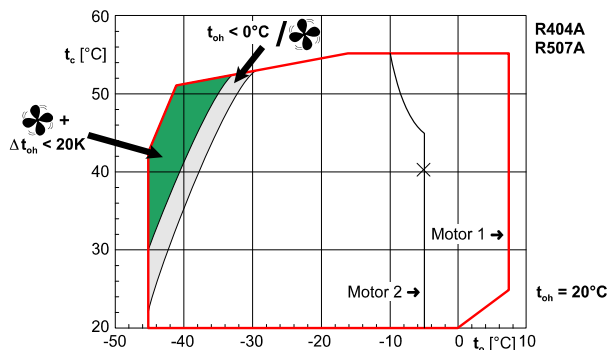
28-1-2013 / All data subject to change.

## Compressor Selection: Semi-hermetic Reciprocating Compressors

### Input Values

Compressor model	<b>4PCS-15.2Y</b>
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 **4PCS-15.2Y-40P**

Cooling capacity	33.5 kW
Cooling capacity *	33.1 kW
Evaporator capacity	33.5 kW
Power input	10.79 kW
Current (400V)	18.63 A
Voltage range	380-420V
Condenser capacity	44.3 kW
COP/EER	3.11
COP/EER *	3.06
Mass flow	997 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	63.8 °C



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

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