



HANBELL Compressor Performance Report

INPUT

Refrigerant : R507A
Model : RC2-510B
Power supply : 380V-3-50Hz
Evaporating SST : -5 Deg. C
Condensing SCT : 40 Deg. C
Liquid subcooling Auto Deg. C
Suct. gas superheat 5 Deg. C
Useful superheat : 5 Deg. C
Disch. temp. expacted 80 Deg. C
Partial capacity load 100 %

OUTPUT

Cooling capacity : 407.9 kW	Operating mode : ECO
Evaporator capacity : 407.9 kW	Liquid temp. : 20.1 Deg. C
Condenser capacity : 543.6 kW	Mass flow ECO : 2741.8 kg/h
Power input : 135.7 kW	Subcooler load : 80.20 kW
Current : 234.2 A	sat ECO Temp. : 15.1 Deg. C
COP/EER : 3.007	ECO pressure : 9.5 bar(a)
Mass flow LP : 10527.2 kg/h	Oil volume flow : 1.18 m3/h
Mass flow HP : 13269.0 kg/h	Oil cooler out : 0.0 Deg. C
Vi : 3.0	Oil cooler additional cooling : 0.00 kW
L.I. to chamber mass flow - - - -	Additonal power input for L.I. : - - - -
L.I. to motor Mass Flow 0.00 kg/h	L.I. to chamber capacity : - - - -
	L.I. to motor capacity : 0.0 kW
	DG w/o cooling : 54.5 Deg. C