

# HANBELL Compressor Performance Report

## INPUT

Refrigerant : R507A  
Model : RC2-510B  
Power supply : 380V-3-50Hz  
Evaporating SST : -22 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. expected 80 Deg. C  
Partial capacity load 100 %

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## OUTPUT

Cooling capacity : 220.7 kW	Operating mode : ECO
Evaporator capacity : 220.7 kW	Liquid temp. : 9.8 Deg. C
Condenser capacity : 346.4 kW	Mass flow ECO : 2295.1 kg/h
Power input : 125.7 kW	Subcooler load : 64.41 kW
Current : 217.0 A	sat ECO Temp. : 4.8 Deg. C
COP/EER : 1.756	ECO pressure : 7.0 bar(a)
Mass flow LP : 5482.3 kg/h	Oil volume flow : 1.30 m3/h
Mass flow HP : 7777.4 kg/h	Oil cooler out : 0.0 Deg. C
Vi : 4.8	Oil cooler additional cooling : 0.00 kW
L.I. to chamber mass - - - -	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 : 62.0 Deg. C