Version 5.0.4 Date 2023/01/18

HANBELL Compressor Performance Report

INPUT

Refrigerant :	R404A
Model :	RG-1270
Power supply :	380V-3-50Hz
Evaporating SST :	-10 Deg. C
Condensing SCT :	45 Deg. C
Liquid subcooling :	5 Deg. C
Suct. gas superheat :	5 Deg. C
Useful superheat :	5 Deg. C
Disch. temp. expected:	80 Deg. C
Partial capacity load :	100 %
Rotation speed:	2950 rpm

OUTPUT

Cooling capacity :	715,7 kW	Operating mode :	Standard
Evaporator capacity :	715,7 kW	Liquid temp :	39,7 Deg. C
Condenser capacity :	1027,6 kW	Mass flow ECO :	- - - -
Power input :	311,9 kW	Subcooler load :	- - - -
Current :	532,5 A	Sat ECO temp. :	- - - -
COP/EER :	2,294	ECO pressure :	- - - -
Mass flow LP :	24150,9 kg/h	Oil volume flow :	1,34 m3/h
Mass flow HP :	24150,9 kg/h	Oil cooler out :	- - - -
Vi :	3,3	Oil cooler capacity :	0,00 kW
L.I. to chamber mass flow :	- - - -	Additonal power input for L.I. :	- - - -
L.I. to chamber capacity :	- - - -	DG w/o cooling :	67,4 Deg. C