



HANBELL Compressor Performance Report

INPUT

Refrigerant :	R449A
Model :	_RC2 180 B
Power supply :	400 V — 50 Hz
Evaporating SST :	3 Deg. C
Condensing SCT :	43 Deg. C
Liquid subcooling	5 Deg. C
Suct. gas superheat	5 Deg. C
Useful superheat :	5 Deg. C
Disch. temp. expected:	85 Deg. C
Partial capacity load:	100

OUTPUT

Cooling capacity :	142.8 kW	Operating mode :	Standard
Evaporator capacity :	142.8 kW	Liquid temp. :	38 Deg. C
Condenser capacity :	191.5 kW	Mass flow ECO :	----- kg/h
Power input :	48.7 kW	Subcooler load :	----- kW
Current :	81.8 A	sat ECO Temp. :	----- Deg. C
COP/EER :	2.930	ECO pressure :	----- bar(a)
Mass flow LP :	3480.5 kg/h	Oil volume flow :	----- m3/h
Mass flow HP :	3480.5 kg/h	DT w/o cooling :	79.5 Deg. C