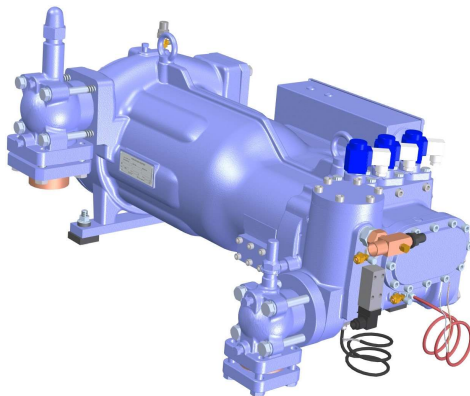


Project Calculation Report

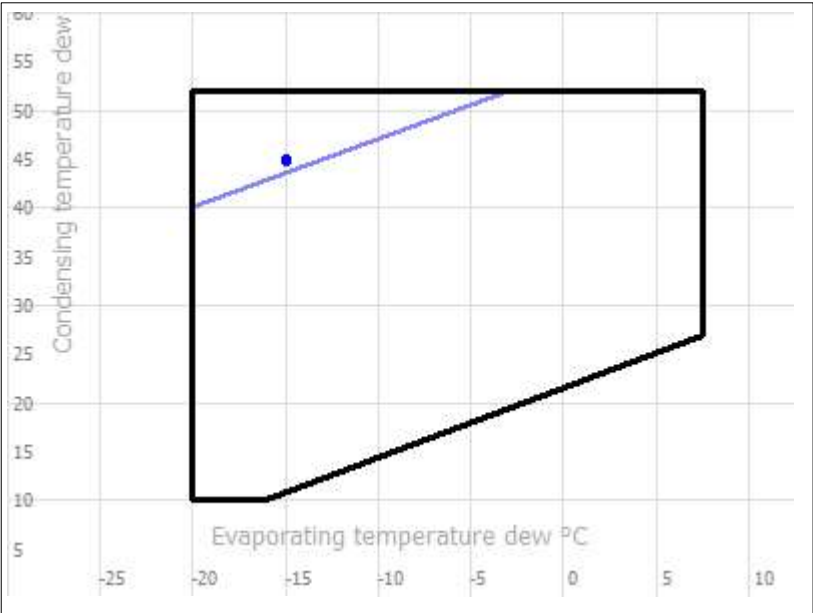
Project Condition

Refrigerant	R404A
Evaporating Temp.	-15.00 °C
Evaporating Pressure	3.61 bar abs
Condensing Temp.	45.00 °C
Condensing Pressure	20.44 bar abs
Liquid subcooling	5K
Suction gas superheat	10 K
Cycle type	Standard
Control Mode	Full Load
Motor winding voltage	400V 50Hz (Standard Voltage)

Model selected
RW5-H090



Application Envelope



Output data

Cooling capacity	113.6 kW
Absorbed el. power	66.5 kW
COP	1.71
Motor Current	113.9 A
Condenser capacity	180 kW
Heating COP	2.7
Evaporator mass flow rate	3799.7 kg/h
[BTU/h]/kW	5.829
Discharge temp. without cooling	82.0 °C
Cooling power required	0 kW
Oil flow	37.3 L/min
Cooled oil temperature	82.0 °C
Heat Rejection to ambient (@20°C/68°F)	0.6 kW
Initial injection pressure	- bar
MANUAL	-



Technical data

Displacement at 50/60 Hz [m³/h]

Weight [Kg]

Discharge connection int.[mm/inch]

Suction connection int.[mm/inch]

Start mode

Motor size

Motor

L.R.A.[A]

Fla[A]

250 / 300

380

54/ 2-1/8"

80/ 3-1/8"

Part Winding (PW)

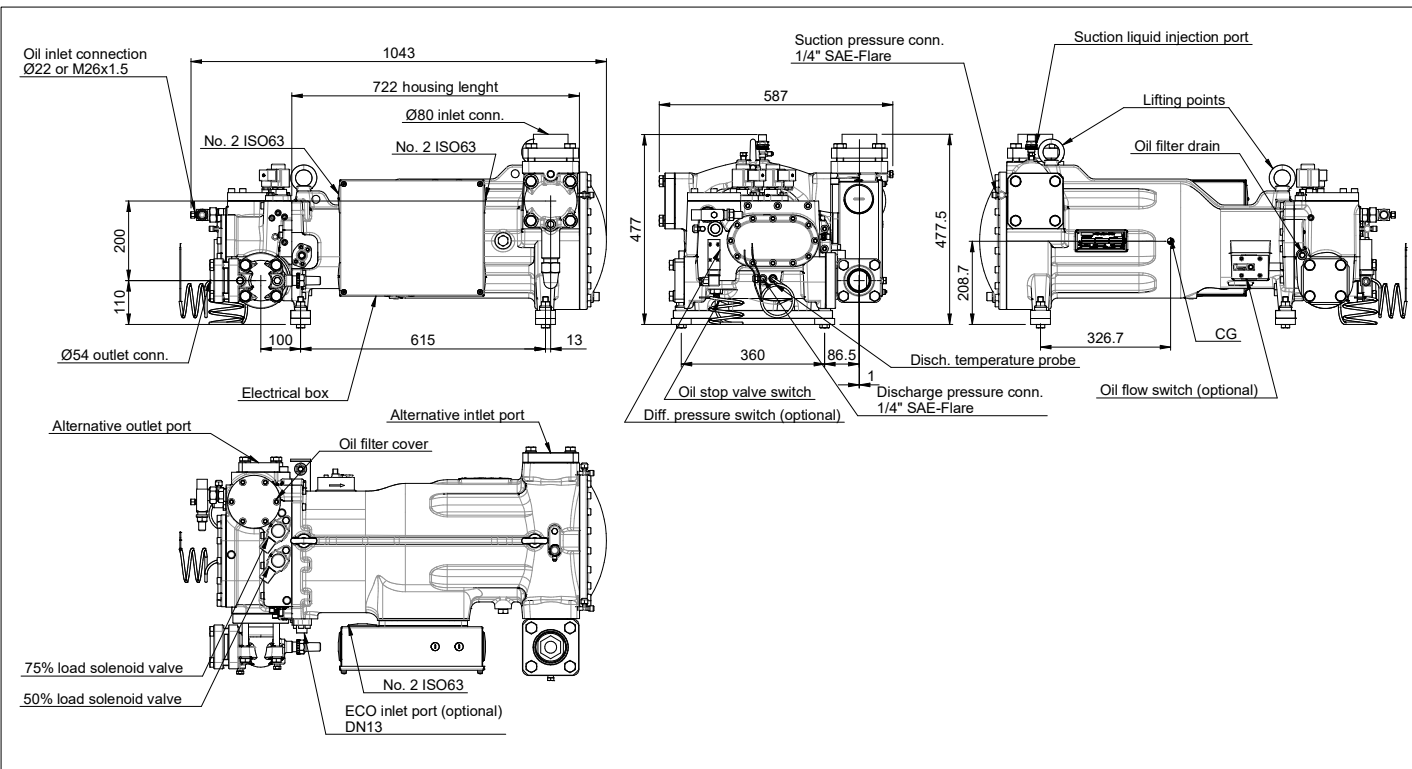
Standard

400/3/50

495/770

150

Dimensions and Connections



WARNING

- 1) **Need oil cooling**

