



RENTAL SYSTEMS

24-HOUR HOTLINE 1300 130 750



550 KW AIR COOLED VARIABLE SPEED SCREW CHILLER

Unit Arrangement - Dimensions are Approximate

GENERAL DESCRIPTION AND FEATURES

Ready for operation with minimal setup
Carrier Smart Service remote monitoring.
Single point power connection
Inbuilt Water Pump & VSD
BacNET/IP control connection
High ambient temperature operation to 35°C
Variable Speed operation for efficient operation

EQUIPMENT DATA

Model 30KAV550A

DIMENSION DATA

Operating Weight 5735 KG

Dimensions 5399mm L x 2253mm W x 2499mm H

Leveling Required Within 20mm per 3M.

Installed Clearances 1.5M (sides), 1.2M (electrical)

MECHANICAL DATA

Water Connections	Victaulic/flanged
Pressure Drop	45.6 kPa
Static Head at pump	280 kPa
Minimum Load	110KW
Minimum Water Flow	25.53 L/S
Circuits / Compressors	2 / 2
Refrigerant / Charge	R134a

ELECTRICAL DATA

Voltage	415 V / 3 phase / 50 hertz
RLA	343 amps
Cable	Single orange circ
Power Factor	0.92
FLA	267 amps

	Chiller Selection
Ambient Temperature	35 °C
Cooling Capacity	535.6KW
Leaving Temperature	7 °C
Entering Temperature	12 °C
Static Head at pump	280 kPa