



PhoenixRetail
Services

BARKER DI-606 SALAD / OLIVE CABINET for WAITROSE LTD

TECHNICAL DATA

Refrigeration System

Integral Unit

Compressor:	DWM Copeland model KARB-010E-CAV
Refrigerant:	R404A
Expansion Device:	Sporland Q-series with #2 orifice
Evaporator:	Heatcraft 4 x 12 x 39-3R-8D
Evaporator Motor:	2 x 9 watt shaded pole
Thermostat:	Ranco model ETC-111000 or Johnson Control model MR1DR230-11C
Timer:	Graslin model FM/1Stu
Fan delay:	TI 3NT01L-3635L
Defrost Terminator:	TI 3NT01L-3635L
Defrost Heater	2 x Temco 300 watt
Condenser:	Heat craft 12 x 14 x 6-6R-3FPI
Condenser Motor	50 watt shaded pole

Refrigeration Operation

The refrigeration cycle is thermostatically controlled by a single stage electronic thermostat. When the thermostat cut-out point is reached, the circuit to the liquid line solenoid is opened de-energizing the solenoid, causing the compressor to pump down. When the compressor pumps down to 20-25 psi the low-pressure switch opens and power is terminated to the compressor.

Defrost Type	Electric
Defrost schedule	6 defrost periods per day for 15 min.
Defrost termination	12.8°C
Fan termination	12.8°C

Typical component Settings

Controller cut-out	-6.0°C
Differential	3K
TXV	4°C superheat
Pressure switch	PL cut out 25psi - cut in 60psi HP 350psi

Electrical Data

220v – 20 amp single phase

NOTE: An all pole disconnect, with a separation of at least 3mm in all poles must be incorporated in the fixed wiring.

NOTE: I/O cable needs to be in metal conduit.

Normal Operating Parameters

Air on coil:	4°C
Air off coil	-4°C
Suction pressure	53psi
Condensing pressure	230psi
Air on condenser	20°C
Air off condenser	28°C
Evaporator temperature	-8°C
Suction temperature	-4°C

Further information on all of the cabinets supplied by Phoenix Retail Services Ltd are available from our website www.phoenixretail.com, follow the link to the download section.