

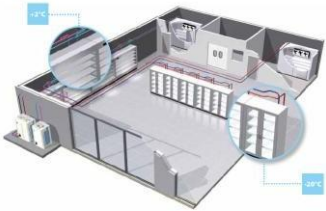
BRISBANE Plug-in

HORIZONTAL REFRIGERATED DISPLAY CABINETS *positive serve-over with integrated condensing unit*



TECHNICAL DATA SHEET

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Modules			Unit	BRISBANE	
DIMENSIONS					
Length of Module with endwalls		mm	1875		
Thickness of Endwall			40		
Total Display Area (TDA)		m²	3,14		
Display Opening Area			1,78		
Net Volume		liter	500		
REFRIGERATION DATA					
Refrigeration Load	3M1	Te: -10°C	W	1130	
CLIMATE CLASS 3 : 25° C - 60% RH (in compliance with EN ISO 23953)					
Te: Evaporating Temperature					
The refrigerant is R290 as standard					
REFRIGERATION SELECTION DATA					
Condensing Temperature		°C	+35		
Evaporator Superheat		K	10		
Subcooling			4		
TEMPERATURE CLASS					
M1		°C	+5		-1
ELECTRICAL DATA					
			STANDARD		
Supply Voltage		V/Ph/Hz	220Vac / 1Ph / 50Hz		
CABINET					
Evaporator Fan	Shaded Pole Motor-Fan	W	38		
		n°	2		
		A	0,076		
	Fan Blades (suction)	Ømm / α	154 / 22°		
Anti-Condensing Fans	Antimist Fan	W	N/A		
Heaters	Trim Heater Glass	W	N/A		
	Defrost Heaters	W	N/A		
		n°	N/A		
		A	N/A		
INTEGRATED CONDENSING UNIT					
Refrigeration Compressor	Type	-	MBP Hermetic Reciprocating Compressor		
	Power Input	W	623		
		A	5,01		
Heaters	Vaporizing Container Heater	type	M RESIDENCE		
		W	700		
		n°	1		
		A	0,7		
		W	70		
Condenser Fan	Shaded Pole Motor-Fan	n°	2		
		A	0,14		
		W	70		
	Fan Blades (suction)	Ømm / α	254 / 34°		
ELECTRICAL DATA					
OPTIONS & ACCESSORIES					
Evaporator Fan	Energy Saving Motor-Fan (ESM)	W	38		
		n°	2		
		A	0,076		
Condenser Fan	Energy Saving Motor-Fan (ESM)	W	70		
		n°	2		
		A	0,14		



Power input datas of refrigeration compressor are related with the refrigerant R290 as standard. The datas could be changed depending on the alternative refrigerants as options.



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LIQUID REFRIGERANT INJECTION CONTROL

Expansion Devices	Capillary Tube standard application	-	the size of capillary tube as expansion device is determined depending on the refrigerant R290
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REGULATION SETTING PARAMETERS

COMPRESSOR

Compressor Cut-out Temperature	3M1	°C	3
Compressor Cut-in Temperature			5

ts: supply air temperature (air off from evaporator; delivery)

REGULATION SETTING PARAMETERS

DEFROST "common"

Defrost Method	-	Electric
Interval between Defrost Starts	hour	4 (6 times aday)
Defrost Endurance Time (maximum defrost duration)	minute	45
Defrost Termination (stop) Temperature	°C	8
Drip Off Time	minute	2
Defrost Sensor	-	Evaporator Coil Sensor

ELECTRIC DEFROST: The refrigerant supply to the evaporator is cut-off (OFF) during electric defrost period and the defrost elements are ON

REGULATION SETTING PARAMETERS

EVAPORATOR FANS

Fan Cut-in During Defrost	-	YES (ON)
Fan Delay Time after Defrost	minute	2

The evaporator fans are always ON during defrost cycles

REGULATION SETTING PARAMETERS

ALARM

High temperature alarm	°C	25
Low temperature alarm		-10

SECTIONAL DRAWINGS

WITH BUMPER

BRISBANE 80.A1.O-SGD

