

Plant Specification

Quote Number	1129 A (1)
Customer	BJA Refrigeration
End User	The Co-operative Group
Site	Isle of Scilly
Date	01/06/2015

Type of Equipment	Ultra Low Noise Condensing Unit
Model No.	CPCHUSSE-086-MT-S
Quantity	1

Design Parameters		
	LT	MT
SST (°C)	-	-10
Design Duty (kW)	-	48.88
Refrigerant	-	R407A
Condensing (°C)	-	43
Ambient (°C)	-	35
Super Heat (K)	-	20
Suction Return Temp (°C)	-	-
Useful Super Heat (K)	-	10
Sub Cooling (K)	-	5

Compressors

Compressor Manufacturer		Copeland Scroll							
Compressor Models		LT	Inv	Digital	Sound Shell	MT	Inv	Digital	Sound Shell
	Comp 1					ZB45			✓
	Comp 2					ZB45			✓
	Comp 3					ZB45			✓
	Comp 4					ZB45			✓
	Comp 5					ZB45			✓
	Comp 6								
	Comp 7								
	Comp 8								
	Comp 9								
	Comp 10								

Performance

Nominal Evaporator Capacity	LT (kW)	-
	MT (kW)	50.5
FLA	Amps	93.9
DRA	Amps	74.2
LRA	Amps	74
THR	KW	72
Mass Flow	g/s	342

Physical

Intended Location		External
Dimensions	(L) x (D) x (H) mm	4003 x 1130 x 2287
Weight	kg	2250
Sound Pressure Level Free Field	dB(A) @ 10m	30 Full Load , 27 Part Load
Sound Power Level Free Field	dB(A)	-
Colour RAL		7032
Access		Front
Services		Top Right
Primary Control		RDM
Back Up		Siemens Logo
AV Mounts		Not Included
Liquid Receiver Capacity	Litres (L)	46
Liquid Receiver Location		Within Housing
Liquid Receiver Orientation		Horizontal
Oil Type		Solest 31 HE

Condenser

Condenser Supplied		Included
Location		Attached to Unit
Fan Type		EC
Number of Fans		2

Notes



*For Illustration Purposes Only