

TECHNICAL SHEET



ICF-4CM12-CX14Z4

COMPRESSOR

Type	Scroll
Brand	COPELAND
Model	ZB38KCE-TFD
Nominal Power	5 HP
Oil Type	Ester Oil
Oil Quantity	1,9 l

CONDANSER

Cabin Type	Split Type
Type	Monoblok
Fin Type	Al Fin
Pipe Diameter	3/8
Heat Transfer Area	57 m ²
Air Flow	9230 m ³ /h
Fan Diameter	500 mm
Number of Fan	2
Fan Speed	1400 rpm
Fan Voltage	1 PH

ELECTRICAL DETAILS

Voltage	380V 3Ph 50Hz
Max Operating Current	19 A
Max Power Consumption	5,3 kW

CONNECTIONS

Suction Line Pipe	1x28 mm
Liquid Line Pipe	1x12 mm

DIMENSIONS

Width	530 mm
Lenght	1225 mm
Height	1260 mm

WEIGHT

Weight of Device	0
Weight of Device with Packing	0

NOISE LEVEL DATA

Sound Pres. Lev. at 10 m (LpA)	43 (dBA)
Sound Power Lev. (LwA)	75 (dBA)



Cooling Capacity	: 6922 W
Power Input	: 5203 W
Refrigerant	: R404A
COP	: 1,33
Evaporation Temperature	: -10 °C
Condensation Temperature	: 55 °C
Suction Gas Temperature	: 20°C
Subcooling	: 0 °C
Ambient	: 48 °C

SYSTEM COMPONENTS

Liquid Receiver	12 l
Drier	
Solenoid Valve	
Sight Glass	
Dual Pressure Prosestad	
Fan Pressure Switch	
HP and LP Manometers	
Electrostatic Painted Closed Cabinet	
Acoustic Sound Insulation	
Entegre IP55 Elektrical Box	
Overload relay	
Circuit breaker	
Phase failure relays	
Main Electric Switch ON/OFF	