



Producer: **Copeland**
 Line: **ZH**
 Model: **ZH48KVE-TWD**
 Cooling capacity [kW]:
 Heat rejection [kW]:
 Displacement [m³/h]: **42.8**
 Refrigerant: **R407C**
 Capacity control: **None**
 Power supply: **400V/3Ph/50Hz**

Data

Technical data

Displacement	[m ³ /h]	42.8
Oil charge	[l]	4.14
Oil type		POE RL32-3MAF
Internal free volume	[dm ³]	18.4
Net weight	[kg]	112.00
Gross weight	[kg]	119.00

Electrical data and limits

Power supply		400V/3Ph/50Hz
Maximum continuous current	[A]	36.0
Locked rotor amperage	[A]	198.0
Motor resistance main	[Ω]	0.72
Maximum suction pressure	[bar]	22.6
Maximum discharge pressure	[bar]	32.0
Maximum suction temperature	[°C]	50.0
Minimum suction temperature	[°C]	-35.0

Dimensions

Suction tube diameter	[inch]	1 5/8
Discharge tube diameter	[inch]	1 1/8
Length	[mm]	368
Height	[mm]	579
Width	[mm]	323

Other

Approved refrigerants	R407C
Allowed oil types	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Capacity control	None
Protection rating	IP54 (IEC34)

Performance

Nominal conditions: refrigerant: R407C, evaporation: -10°C (dew point), condensation: 45°C (dew point), superheating: 10K, subcooling: 0°C

Cooling capacity

No data for the given parameters.

Dimensions

