

Danfoss SM185S4RC

Specifications

Brand	Danfoss
Type	SM185S4RC
Refrigerant	Freon
kW at +10°C/+40°C	57
kW at 0°C/+40°C	40
kW at -5°C/+40°C	33
kW at -10°C/+40°C	27
kW at -20°C/+40°C	17
Remarks	R404a - R22 or other freon types
Sizes	678x317x643 mm (LxWxH)
Stock	1



Description

Used Danfoss SM185S4RC

Used Danfoss SM185S4RC scroll compressor Freon refrigeration . Our capacity table is based on the used type of Freon. You can also use this compressor on alternative types of Freon. For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. *Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. *Optional we can also perform a new paint job and arrange the logistics.



COMPRESSOR MODEL DESIGNATION

Performers* scroll compressors are available both as single compressors and as tandem units. The example below presents single compressor nomenclature.

For tandem assemblies, please refer to the Performers* Parallel Application Guidelines documentation.

Nomenclature

Family, lubricant & refrigerant	Nominal capacity	Voltage	Version	Evolution Index	
S Z S Y	1 8 5 3 0 0	S A	4 9	R AA	C A

Family, lubricant & refrigerant
SM: Scroll, mineral oil, for R-22
SY: Scroll, POE lubricant, for R-22
SZ: Scroll, POE lubricant, for R-407C - R-134a

Nominal capacity
in thousand Btu/h at 60 Hz, R-22, ARI conditions

UL index

Voltage
Motor voltage code:
3: 200-230/3/60
4: 380-400/3/50 - 460/3/60
6: 230/3/50
7: 500/3/50 - 575/3/60
9: 380/3/60

Motor protection type	Version	Description	Applies to
Internal overload protector	V	V: brazed	S 084 - 090 100 - 110 - 120 148 - 161
Internal thermostat	C	C: brazed	S 115 - 125 160 - 175 - 185
	R	R: rotolock	
Electronic protection module	AA AB MA MB	A: brazed A: brazed M: rotolock M: rotolock A: 24V B: 115/230V A: 24V B: 115/230V	S 240* - 300* - 380*

*For trio assemblies, please contact Danfoss

Connection details

Model	SM/SZ 084 - 090 - 100 110 - 120 - 148 - 161	SM/SZ 115 - 125 - 160 - 175 - 185		SY/SZ 240 - 300		SY/SZ 380
Version	V	R	C	MA MB	AA AB	AA AB
Suction and discharge connection	brazed	rotolock	brazed	rotolock	brazed	brazed
Oil sight glass	threaded	threaded	threaded	threaded	threaded	threaded
Oil equalization connection	3/8" flare	3/8" flare	3/8" flare	1/2" flare	1/2" flare	1/2" flare
Oil drain connection	-	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Low pressure gauge port (Schraeder)	1/4" flare	1/4" flare	1/4" flare	1/4" flare	1/4" flare	1/4" flare