01/08/2014

Specification

	SI	RF-ND102L2H- 091E160
Total Heat of Rejection	kW	44.8
Ambient Temperature	°C	25.0
Condensing Temperature	°C	41.6
Actual TD	K	16.6
Dew or Mid Point		Mid
Hot Gas Inlet Temperature	°C	79.2
Refrigerant		R407A
Sound Pressure Level	dB(A)	13 @ 10 m
Mean Sound Pressure Level	dB(A)	15 @ 10 m
Sound Power Level	dB(A)	43
Sound Spectrum 125 Hz	dB	40
Sound Spectrum 250 Hz	dB	40
Sound Spectrum 500 Hz	dB	40
Sound Spectrum 1 kHz	dB	40
Sound Spectrum 2 kHz	dB	33
Sound Spectrum 4 kHz	dB	28
Sound Spectrum 8 kHz	dB	21
Tube/Fin Material		CU/AV
Surface Area	m2	245.0
Subcooling Section		Nominal 7K at 15K ΔT
Degrees of Subcooling	K	6.9
Connections		Same End
Inlet Connection Size	OD	2-1/8"
Outlet Connection Size	OD	1-3/8"
Subcooling Connections		To be confirmed
Subcooling Inlet Connection	OD	1-3/8"
Subcooling Outlet Connection	OD	1-3/8"
Orientation		Horizontal
Air Discharge Direction		Vertical
Refrigerant Charge	kg	17
Altitude	m	0
Air Volume	m3/s	2.60
Internal Volume	l	40
Input Power (Total)	kW	0.066
Energy Rating		A++
Fan Speed	rpm	160
Electrical Supply		400-3-50/60
Rows of Fans		1
Fans per Row		2
Starting Current (per fan)	A	0.39 (4.55 max)
Full Load Current (per fan)	A	0.3 (3.5 max)
Overall Length	mm	4523
Overall Width	mm	1578
Overall Height	mm	1333
Dry Weight	kg	460
Part Number		RF-ND102L2H-091E160-SC7-AV