

Condensing Unit Details

Model	NF500SGL
Application	Low Temperature

Electrical Supply

	400V/3Ph/50Hz
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Weights & Dimensions

Width	1100 mm
Depth	478 mm
Height	945 mm
Mounting Dims.	630 mm (W) x 440 mm (D)
Weight (Dry)	101 kgs

Compressor Data

Type	ZSI15KQE-TFP
Swept Volume	14.4 m ³ /h
Oil Charge	1.36 L
Nom. Current (A)	5.5
MCC (A)	11.9
LRC (A)	47

Fan Motors

No.	1
FLC (A)	0.5

Condenser Coil

Type	Fin & Cu Tube
Volume	3.43 L

Liquid Receiver

Volume	5.8 L
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Airflow

Volume	5000 m ³ /h
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Applicable Refrigerants

R134a/R404A/R407A/R407F/R448A/R449A/R452A

Unit Connections

Liquid	1/2"
Suction	7/8"

Sound Pressure Level @ 10m (-10°C/+32°C)

41 dB (A)

Performance Data at -35°C/+32°C Conditions

	CC (W)	PC (W)	COP	SEPR
R134a	1740	2160	0.81	1.52
R404A	3040	3580	0.85	1.61
R407A	2650	3470	0.76	1.45
R407F	2870	3730	0.77	1.46
R448A	2830	3510	0.81	1.59
R449A	2830	3510	0.81	1.59
R452A	2950	3580	0.82	1.62

1/1 Octave Sound Pressure Levels @ 1 meter from the unit

Frequency							
125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	A (dBA)
61.2	64.3	61.5	53.6	47.7	37.1	35.5	61.4

