

### Condensing Unit Details

Model	NF500SGM
Application	Medium Temperature

### Electrical Supply

	400V/3Ph/50Hz
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### Weights & Dimensions

Width	1050 mm
Depth	428 mm
Height	1245 mm
Mounting Dims.	580 mm (W) x 396 mm (D)
Weight (Dry)	122 kgs

### Compressor Data

Type	ZB38KQE-TFD
Swept Volume	14.4 m <sup>3</sup> /h
Oil Charge	2.07 L
Nom.Current (A)	10
MCC (A)	13.5
LRC (A)	65.6

### Fan Motors

No.	2
FLC (A)	1

### Condenser Coil

Type	Fin & Cu Tube
Volume	5.41 L

### Liquid Receiver

Volume	7.8 L
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### Airflow

Volume	9900 m <sup>3</sup> /h
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### Applicable Refrigerants

R134a/R404A/R407A/R407F/R448A/R449A/R452A
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### Unit Connections

Liquid	1/2"
Suction	7/8"

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

	42 dB (A)
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### Performance Data at -35°C/+32°C Conditions

	CC (W)	PC (W)	COP	SEPR
R134a	4950	2670	1.85	2.90
R404A	4670	4420	1.96	3.08
R407A	7480	3980	1.88	2.97
R407F	8060	4380	1.84	2.89
R448A	7990	4170	1.92	3.00
R449A	7990	4170	1.92	3.00
R452A	8220	4360	1.89	3.01

### 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)
62.5	65.3	62.1	54.7	48.5	38.6	36.1	62.3

