

Condensing Unit Details

Model	NFP100DGL
Application	Low Temperature

Electrical Supply

	230V/1Ph/50Hz
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Weights & Dimensions

Width	920 mm
Depth	408 mm
Height	530 mm
Mounting Dims.	518 mm (W) x 368 mm (D)
Weight (Dry)	51 kgs

Compressor Data

Type	CAJ2446Z
Swept Volume	5.66 m ³ /h
Oil Charge	0.89 L
Nom.Current (A)	4
MCC (A)	8,2
LRC (A)	30

Fan Motors

No.	1
FLC (A)	0.4

Condenser Coil

Type	Fin & Cu Tube
Volume	0.98 L

Liquid Receiver

Volume	3 L
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Airflow

Volume	2500 m ³ /h
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Applicable Refrigerants

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

Unit Connections

Liquid	3/8"
Suction	1/2"

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

	34 dB (A)
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Performance Data at -10°C/+32°C Conditions

	CC (W)	PC (W)	COP	SEPR
R134a	450	400	1.13	n/a
R404A	790	660	1.20	n/a
R407A	590	560	1.05	n/a
R407F	720	660	1.09	n/a
R448A	650	580	1.12	n/a
R449A	650	580	1.12	n/a
R452A	740	610	1.21	n/a

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)
54.7	57.4	54.2	45.3	40.9	30.5	29.6	54.2

