

Condensing Unit Details

Model	NFR100DL
Application	Low Temperature

Electrical Supply

230V/1Ph/50Hz

Weights & Dimensions

Width	920 mm
Depth	408 mm
Height	530 mm
Mounting Dims.	518 mm (W) x 368 mm (D)
Weight (Dry)	42 kgs

Compressor Data

Type	QXD-16K
Swept Volume	3.54 m ³ /h
Oil Charge	0.45 L
Nom.Current (A)	4
MCC (A)	7
LRC (A)	21

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)

Performance Data at -10°C/+32°C Conditions

	CC (W)	PC (W)	COP	SEPR
R134a	370	440	0.84	n/a
R404A	650	730	0.89	n/a
R407A	490	620	0.79	n/a
R407F	600	740	0.81	n/a
R448A	530	640	0.83	n/a
R449A	530	640	0.83	n/a
R452A	610	670	0.91	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

