

Condensing Unit Details

Model	NF300DGM
Application	Medium Temperature

Electrical Supply

	230V/1Ph/50Hz
--	---------------

Weights & Dimensions

Width	1050 mm
Depth	428 mm
Height	995 mm
Mounting Dims.	580 mm (W) x 396 mm (D)
Weight (Dry)	95 kgs

Compressor Data

Type	ZB21KQE-PFJ
Swept Volume	8.6 m ³ /h
Oil Charge	1.45 L
Nom.Current (A)	16.4
MCC (A)	23
LRC (A)	82

Fan Motors

No.	1
FLC (A)	0.9

Condenser Coil

Type	Fin & Cu Tube
Volume	4.28 L

Liquid Receiver

Volume	5.8 L
--------	-------

Airflow

Volume	5300 m ³ /h
--------	------------------------

Applicable Refrigerants

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

Unit Connections

Liquid	3/8"
Suction	3/4"

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

38 dB (A)

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

	CC (W)	PC (W)	COP	SEPR
R134a	3130	1650	1.90	3.33
R404A	5480	2730	2.01	3.54
R407A	4730	2600	1.82	3.46
R407F	5130	2780	1.85	3.51
R448A	5030	2690	1.87	3.48
R449A	5030	2690	1.87	3.48
R452A	5220	2750	1.90	3.57

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)
58.5	61.2	58.3	50.3	44.4	34.3	32.5	58.3

