

Mbsm.pro, FN Series, Commercial, Refrigerator, Compressor, R134A, fn73f17S, 1/5 hp, FN75H, 1/6HP, FN77H, 1/4 hp, R12, LBP, 220V-50/60HZ

Category: compressor

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R12-LBP COMPRESSOR PERFORMANCE PARAMETER

Widely used for refrigerator systems.

2.Feature:

- 1)Reasonable structure and compact size
- 2)High efficiency, energy saving
- 3)Stable performance, high security
- 4)Good adaptability of voltage
- 5)Excellent refrigeration
- 6)Wild range of refrigerant capacity

3.Specification

Series	Model	Displacement(cm)	Capacity(w)	Input power(w)	C.O.P	Current(A)	Cooling Type	Motor Type	HP
FN Series 220V-50/60HZ	FN43	4.3	96	103	0.93	0.82	ST	RSIR	1/6-
	FN51	5.1	123	115	1.07	0.85	ST	RSIR	1/6
	FN57	5.7	139	127	1.09	0.97	ST	RSIR	1/6+
	FN66	6.6	157	148	1.06	1.1	ST	RSIR	1/5
	FN77	7.7	185	176	1.05	1.2	ST	RSIR	1/4-
	FN86	8.6	195	180	1.08	1.3	ST	RSIR	1/4+
	FN91	9.1	215	195	1.10	1.4	ST/OC	RSIR	1/3
	FN110	11.0	265	240	1.1	1.6	ST/OC	RSIR	1/2
FN Series 240V/50HZ	FN43M	4.3	98	104	0.94	0.83	ST	RSIR	1/6-
	FN51M	5.1	120	109	1.1	0.84	ST	RSIR	1/6
	FN57M	5.7	140	121	1.11	0.96	ST	RSIR	1/6+
	FN66M	6.6	158	149	1.08	1.05	ST	RSIR	1/5
	FN77M	7.7	180	163	1.1	1.25	ST	RSIR	1/4-
	FN86M	8.6	190	165	1.15	1.3	ST	RSIR	1/4+
	FN91M	9.1	210	182	1.15	1.32	ST/OC	RSIR	1/3
	FN110M	11.0	260	220	1.18	1.35	ST/OC	RSIR	1/2
FN Series 115V/60HZ	FN43U6	4.3	110	96	1.15	0.8	ST	RSIR	1/6-
	FN51U6	5.1	140	122	1.15	0.92	ST	RSIR	1/6
	FN57U6	5.7	154	131	1.18	1.02	ST	RSIR	1/6+
	FN66U6	6.6	182	152	1.2	1.15	ST	RSIR	1/5
	FN77U6	7.7	205	171	1.2	1.15	ST	RSIR	1/4-
	FN86U6	8.6	216	183	1.18	1.28	ST	RSIR	1/4+
	FN91U6	9.1	237	201	1.18	1.3	ST/OC	RSIR	1/3
	FN110U6	11.0	290	242	1.2	1.35	ST/OC	RSIR	1/2
FN Series 110V/60HZ	FN43T6	4.3	122	111	1.1	0.85	ST	RSIR	1/6-
	FN51T6	5.1	145	125	1.16	0.93	ST	RSIR	1/6
	FN57T6	5.7	155	131	1.18	1.03	ST	RSIR	1/6+
	FN66T6	6.6	185	154	1.2	1.25	ST	RSIR	1/5
	FN77T6	7.7	210	175	1.2	1.25	ST	RSIR	1/4-
	FN86T6	8.6	220	186	1.18	1.3	ST	RSIR	1/4+
	FN91T6	9.1	240	196	1.22	1.4	ST/OC	RSIR	1/3
	FN110T6	11.0	193	240	1.22	1.35	ST/OC	RSIR	1/2

Product Description

FN Series Refrigerator Compressor 1/6HP R134A 130W

AC Compressor: R134A Hermetic LBP Piston Reciprocating Compressor

Model: FN75H

Power Supply: 220~240V/50Hz

Displacement: 5.7CC

Cooling Capacity: 133W

Rated Power: 125W

Nominal Power: 1/6HP

COP: 1.04 W/W

Motor Type: RSIR

Starting relay: PTC

Cooling Type: S

Application: LBP

Certification: CE

1X20'FCL: 1920PCS

Application:

LBP: Low back pressure; Refrigerator, Freezer, Wine cooler

MBP: Medium Back Pressure; Air-conditioner, vending machine

HBP: High Back Pressure; Air-conditioner, ice maker

LBP ASHRAE Test Condition:

Evaporation Temperature: -23.3°C

Condensing Temperature: 54.4°C

Subcooling Temperature: 32.2°C

Ambient Temperature: 32.2°C

MBP ASHRAE Test condition:

Evaporation Temperature: -5°C

Condensing Temperature: 54.4°C

Ambient Temperature: 35°C

Subcooling Temperature: 46.1

Suction Temperature: 35°C

HBP ASHRAE Test condition:

Evaporation Temperature: 7.2°C

Condensing Temperature: 54.4°C

Ambient Temperature: 35°C

Subcooling Temperature: 46.1°C

Suction Temperature: 35°C

Parameter Variation Range:

Cooling Capacity: $\geq 95\%$

Input Power: $\leq 115\%$

Current: $\leq 110\%$

COP: $\geq 95\%$

Cooling Type:

S: Natural cooling

F1: Fan cooling, 200mm fan diameter, 1.5m/s air speed

F2: Fan cooling, 200mm fan diameter, 3m/s air speed



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