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Category: compressor
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SEBERIA Hermetic Compressor GFF57AA LBP R134a Disp.5.7cc 1/5HP

#mbsmpro

Description

Detailed Product Description

1.low noise,low power consumption
2.reliable security,high efficiency
3.excellent start performance
4.pass 3C,CE,CB,RoHS

Specifications

Refrigeration Compressor main features: light, compact, high efficiency,good reliability, low noise,light vibration.

Certificate

3C,CE,CB,RoHS

Attractive Function

R134a compressor, evaporating temperature -35 ºC to -15 ºC is suitable for LBP, MBP. With strong overloading ability, good performance ,rapid-speed and strong cooling in low temperature.

Widely use in commercial freezer, commercial ice cream machine, commercial kitchen refrigerator.

Performance Data for GFF Series Refrigeration Compressor

Model	Displ. (cm3)	Power HP	Motor Type	Volt.-Frequency	Cooling Capacity	Input Power	Rated Current (A)	COP	Oil Charge Volume
GFF57AA	**5.7**	**1/5**	**RSIR/RSCR**	**220-240V~50HZ**	**166**	**122/112**	**0.86/0.62**	**1.36/1.48**	**200**
GFF66AA	**6.6**	**1/4**	**RSIR/RSCR**	**220-240V~50HZ**	**195**	**143/132**	**0.92/0.74**	**1.36/1.48**	**200**
GFF75AA	**7.5**	**+ 1/4**	**RSIR/RSCR**	**220-240V~50HZ**	**215**	**156/147**	**1.15/0.83**	**1.38/1.46**	**200**
GFF86AA	**8.6**	**1/3**	**RSIR/RSCR**	**220-240V~50HZ**	**250**	**156/148**	**1.24/0.90**	**1.40/1.52**	**200**
GFF93AA	**9.3**	**1/3**	**RSIR/RSCR**	**220-240V~50HZ**	**270**	**156/149**	**1.25/0.95**	**1.46/1.54**	**230**

Model	Power Hp	Displacement	Cooling Capacity	Motor Type	Input Power	Rated Current	COP
GFM44AA	1/6	4.6	120	RSIR	100	0.70	1.20
GFM53AA	1/6+	5.3	145	RSIR	114	0.88	1.27
GFM57AA	1/5	5.7	165	RSIR	132	0.97	1.25
GFM75AA	1/4+	7.5	215	RSIR	159	1.20	1.35
GFM10AA	1/3+	10.0	295	RSIR	220	1.55	1.34
GFM12AA	1/2-	12.0	330	RSIR	235	1.85	1.40
GFM12AA_S	1/2-	12.0	330	RSIR	235	1.85	1.40

F(F) Series 220-240V/50Hz

GFF44AA	1/6	4.6	130	RSIR/RSCR	99/93	0.65/0.53	1.31/1.40	
GFF57AA	1/5	5.7	165	RSIR/RSCR	115/110	0.77/0.57	1.43/1.50	
GFF66AA	1/4	6.6	195	RSIR/RSCR	143/129	0.92/0.74	1.36/1.51	
GFF75AA	1/4+	7.5	215	RSIR/RSCR	156/147	1.15/0.83	1.38/1.46	
GFF86AA	1/3	8.6	250	RSIR/RSCR	179/164	1.24/0.90	1.40/1.52	
GFF93AA	1/3+	9.3	270	RSIR/RSCR	185/175	1.25/0.95	1.46/1.54	

F(T)Series High Efficiency Compressor 220-240V/50Hz

GFT36AA	1/7	3.6	110	RSCR	68	0.32	1.62
GFT44AA	1/6	4.4	130	RSCR	81	0.43	1.60
GFT53AA	1/5-	5.3	145	RSCR	96	0.53	1.50
GFT57AA	1/5	5.7	165/168	RSCR	104/98	0.55/0.49	1.60/1.70
GFT61AA	1/5+	6.1	182	RSCR	107	0.53	1.70
GFT66AA	1/4	6.6	195	RSCR	115/113	0.58/0.55	1.68/1.72
GFT75AA	1/4+	7.5	220	RSCR	129	0.69	1.70
GFT86AA	1/3	8.6	250	RSCR	148	0.73	1.70
GFT93AA	1/3+	9.3	270	RSCR	166	0.84	1.65

F Series 115V/60Hz

GFM44AD	1/6+	4.6	145	RSIR	111	1.62	1.30
GFM53AD	1/4	5.3	185	RSIR	131	1.75	1.30
GFM57AD	1/4	5.7	195	RSIR	138	1.85	1.30
GFM61AD	1/4+	6.1	210	RSIR	168/150	2.75/1.90	1.25/1.40
GFR40AD	1/6	3.6	120	RSCR	84.6	7/8	1.42
GFR57AD	1/4	5.7	195	RSCR	116	1.2/7	1.55
GFM93AD	1/4	9.3	305	RSIR	218	3.2	1.40

F Series 200-220V/50Hz

GFF53AT	1/6+	5.3	150	RSCR	106	0.67	1.42
GFF57AT	1/5	5.7	165	RSCR	118	0.86	1.40
GFF66AT	1/4	6.6	196	RSCR	138	1.02	1.42

GFF75AT 1/4+ 7.5 218 RSCR 147 1.07 1.48
GFF86AT 1/3 8.6 250 RSCR 168 1.14 1.49
GFF93AT 1/3+ 9.3 275 RSCR 185 1.23 1.49

F Series 100V-50/60Hz

GFF66AJ 1/4 6.6 195/233 RSCR 135/152 2.15/1.95 1.44/1.53
GFF93AJ 1/3 9.3 270/305 RSCR 190/205 2.95/2.58 1.42/1.49

F Series Compressor M/HBP R134a

220-240V 50/60Hz

GFL60AG_AL 3/4 5.3 550/650 CSIR 245/265 1.88/1.69 2.24/2.45

220-240V 50Hz

GFL80AA 1 7.5 720 CSIR 317 1.96 2.27
GFL10AA 1.2 9.3 880 CSIR 430 2.50 2.0

F Series Compressor LBP R600a

F(M/F) Series 220-240V/50Hz

BFM86AA 1/6+ 8.6 142 RSIR 101 0.82 1.40
BFF86AA 1/6 8.6 142 RSIR/RSCR 93/90 0.65/0.51 1.53/1.58
BFM93AA 1/5 9.3 155 RSIR 108 0.85 1.43
BFF93AA 1/5 9.3 160 RSIR/RSCR 103/98 0.73/0.58 1.55/1.63
BFM10AA 1/5+ 10.0 168 RSIR 122 1.01 1.38
BFF11AA 1/4 10.5 185 RSIR 121 0.70 1.45
BFM12AA 1/4+ 12.0 202 RSIR 144 1.10 1.40
BFF12AA 1/4+ 12.0 202 RSIR/RSCR 130/123 1.04/0.75 1.55/1.64

F(T) Series High Efficiency Compressor 220-240V/50Hz

BFT57AA 1/7- 5.7 95 RSCR 53/50 0.28/0.24 1.80/1.90
BFT75AA 1/6 7.5 130 RSCR 75/72 0.35 1.73/1.80
BFT86AA 1/5 8.6 142 RSCR 82/74 0.43/0.36 1.73/1.92
BFT93AA 1/5 9.3 155 RSCR 82 0.50 1.90
BFT10AA 1/5+ 10.0 175 RSCR 100/92 0.60/0.43 1.72/1.90
BFT11AA 1/4 10.0 180 RSCR 100 0.54 1.80
BFT12AA 1/4- 11.5 200/210 RSCR 116/114 0.54/0.52 1.72/1.86

F Series 200-220V/50Hz

BFF75AT 1/6 7.5 130 RSCR 80 0.46 1.63
BFF86AT 1/5 8.6 142 RSCR 91.5 0.65 1.55
BFM93AT 1/5 9.3 158 RSIR 112 0.93 1.41
BFF93AT 1/5 9.3 160 RSCR 100 0.66 1.60
BFF11AT 1/4 11 175 RSCR 110 0.76 1.60
BFT12AT 1/4 11.5 200 RSCR 130 1.0 1.50

F Series 115/60Hz

BFR57AD 1/6 5.7 120 RSCR 75 0.73 1.60
BFR75AD 1/5- 7.5 156 RSCR 92 0.90 1.70
BFM10AD 2/7 10.0 200 RSCR 133 1.55 1.50
BFR10AD 2/7 10.0 195 RSCR 116 1.32 1.65
BFM12AD 1/3 11.0 230 RSCR 153 1.65 1.50

F Series Compressor LBP R290a

220-240V/50Hz

PFT61AA	3/8	6.1	285	RSCR	183	1.55
PFT66AA	3/8	6.6	310	RSCR	200	1.56
PFT66AA©	3/8	6.6	310	RSCR	190	1.65
PFT75AA	1/2-	7.5	350	RSCR	216	1.62
PFT75AA©	1/2-	7.5	350	RSCR	206	1.70
PFT86AA	1/2	8.6	388	RSCR	258	1.50
PFT86AA©	1/2	8.6	421	RSCR	263	1.60
PFT93AA©	3/5	9.3	455	RSCR	284	1.60

F Series Compressor L/MBP R290
220-240V/50Hz

PFL57AA	1/3	5.7	255/490	CSIR	170/235	1.50/2.09
PFL75AA	1/2-	7.5	350/657	CSIR	248/324	1.41/2.03

R134aOil-less Refrigeration Compressor Series,LBP

Model	Displ. (cm3)	Power HP	Motor Type	Voltage	Cooling Capacity	Input Power	Rated Current(A)	COP	Oil Charge Volume
GFF57AA	5.7	1/5	RSIR/RSCR	220-240V~50HZ	166	122/112	0.86/0.62	1.36/1.48	200

Test Conditions(ASHRAE)
Evaporating temperature -23.3ºC
Condensing temperature 54.4ºC
Subcooling temperature 32.2ºC
Suction temperature 32.2ºC
Ambient temperature 32.2ºC

Attractive Specifications
1.light, compact structure
2.low noise,light vibration
3. adoptable lowtemperature
4. high efficiency,good reliability

Usages
freezing equipment,family ice cream machine,drinking founation etc.

Product Notes
1. Compressor doesn’t be allowed to skew more than 5 degrees while working.
2. The rubber cypriots is allowed be uprooted only when the compressor is in use. Once the rubber cypriots uprooted, compressor must be used immediately not allowing to be stored in the air.
3. The stocking period must be less than half year after the date of production, if longer, you have to recheck and if qualified, it could be shipped.
4. Compressor should install thermal protection, not allowing to change the thermal protection.
5. R134a refrigerant R134a system should be used in line with the dry filter.
6. Compressor should be stored at water proof and aeration warehouse, and it shouldn’t have the rust air.

SEBERIA Hermetic Compressor GFF57AA LBP R134a Disp.5.7cc 1/5HP

Wanbao Model (R134a)	Siberia Model	Displmnt(cc)	Cooling Capacity	C O P	Horse Power	Motor type
AS43 - 84W, 0.94COP	GVF35AA	3.5	90 W	1.05	1/8 HP	RSIR
	GFM44AA	4.4	125 W	1.2	1/6 HP	RSIR
ASD53K - 144W, 1.04COP	GFM53AA	5.3	145 W	1.25	1/6 HP	RSIR
AQAW66X - 153W, 1.20COP	GFF57AA	5.7	165 W	1.36	1/5 HP	RSIR
AQAW77X - 180W, 1.20COP	GFF66AA	6.6	190 W	1.36	1/4 HP	RSIR
AQAW91 - 218W, 1.20COP	GFF75AA	7.5	215 W	1.36	1/4 HP	RSIR
	GFF86AA	8.6	250 W	1.38	1/3+ HP	RSIR
AQAW110 - 260W, 1.20COP	GFF93AA	9.3	270 W	1.38	1/3+ HP	RSIR

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