

# Mbsm.pro, Hitachi, compressor, for refrigerator water, FL1875-SY, FL1875, 1/4 Hp, Lbp, 717btu

Category: compressor

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## Hitachi Hermetic Compressors

FL Series

STANDARD MODEL

Application & Refrigerant LBP R134a

Model	Nominal Power		Cooling Capacity				D	Cooling			O	Wg	Motor Type	Power Source					Dimension		
	HP	W	Hz	W	Kcal/h	BTU/h		N	Cooling					cm3	Kg	1	2	3		4	5
									Oil	Fan						H	P	R		S	T
FL0634	1/12	65	50	78	67	266	3.42				200	6.8	RSCR						Type-165		
FL0739			60	90	77	307															
FL0845	1/8	85	50	95	82	324	3.94				270	7.8	RSCR						Type-179		
FL1052			60	108	93	368															
FL1157	1/6	100	50	105	90	358	4.50				270	8.1	RSCR						Type-2-180		
FL1262			60	118	101	403															
FL1568	1/5	110	50	120	103	409	5.19				240	8.7	RSIR						Type-1-195		
FL1675			60	135	116	461															
FL1875	1/4	180	50	150	129	512	6.23				320	9.5	RSCR						Type-2-200		
FL2088			60	170	146	580															
FL2588	1/3	250	50	185	159	631	7.47				300	10.6	CSIR						Type-3-211		
FL3038			60	210	181	717															
FL3538	1/4	350	50	215	185	734	8.83				300	11.1	CSIR						Type-4-216		
FL4038			60	250	215	853															

Note All data covered by this catalog are given as general information only.

Since we are constantly improving our product, the specification and availability are subject to change with out notice.

Test Conditions (ASHRAE Condition)	Low back pressure (FL, RL, CL Series)	High back pressure (FH Series)
Evaporating Temperature	-23.3°C (-10°F)	7.2°C (45°F)
Condensing Temperature	54.4°C (130°F)	54.4°C (130°F)
Liquid Temperature	32.2°C (90°F)	46.1°C (115°F)
Return gas Temperature	32.2°C (90°F)	35°C (95°F)
Ambient Temperature	32.2°C (90°F)	35°C (95°F)
Power Source	Rated Voltage	



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Hitachi compressor for refrigerator water cooler All types of refrigerators, refrigerant R134a,

R404a, R600a (NON CFC), does not destroy ozone, is environmentally friendly, is the latest technology, Inverter Series, high cooling efficiency, quiet sound.

MODEL	mobile phone	COOLING	BTU/HR	APPLICATION	FLA	CIRCUIT	LIST PRICE
FL0634-SW	1/12	78 watts.	266	LOW	0.55	hatch	1,390
FL0739-SZ	1/10	95 watts.	324	LOW	0.59	hatch	1,460
FL0845-SZ	1/8	105 watts.	358	LOW	0.70	hatch	1,530
FL1052-SG	1/6	120 watts.	409	LOW	0.88	hatch	1,715
FL1462-SY	1/5	160 watts.	546	LOW	1.02	hatch	1,800
FL1568-SY	1/5	185 watts.	631	LOW	0.96	hatch	2,025
FL1875-SY	1/4	210 watts.	717	LOW	1.32	hatch	2,060
FL2088-SZ *	1/3	250 watts.	853	LOW	0.96	CSR	2,645
FH0739-RZ	1/10	375 watts.	1280	HIGH	1.94	hatch	1,515
FH1552-RZ	1/5	520 watts.	1775	HIGH	1.86	hatch	1,945
FH2075-RZ	1/4	760 watts.	2594	HIGH	2.50	hatch	2,060
FH2588-SY *	1/3	890 watts.	3038	HIGH	1.80	CSR	2,645

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**FL Series**  
**STANDARD MODEL**

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	HP	W	Hz	W	Kcal/h	BTU/h		N	Cooling					1	2	3	4	5	
									Oil	Fan									
FL0634	1/12	65	50	78	67	266	3.42				200	6.8	RSCR	•	•	•	•	•	Type1-169
			60	90	77	307								•	•	•	•	•	
FL0739	1/10	75	50	95	82	324	3.94				270	7.8	RSCR	•	•	•	•	•	Type1-179 Type2-180
			60	108	93	368								•	•	•	•	•	
FL0845	1/8	85	50	105	90	358	4.50				240	8.1	RSIR	•	•	•	•	•	Type1-199 Type2-200
			60	118	101	403								•	•	•	•	•	
FL1052	1/6	100	50	120	103	409	5.19	•			320	8.3	RSCR	•	•	•	•	•	Type3-211 Type4-216
			60	140	120	478								•	•	•	•	•	
FL1157	1/5	110	50	135	116	461	5.70				300	10.6	CSIR	•	•	•	•	•	Type1-199 Type2-200
			60	158	136	539								•	•	•	•	•	
FL1262	1/5	125	50	150	129	512	6.23	•			300	10.6	RSCR	•	•	•	•	•	Type3-211 Type4-216
			60	170	146	580								•	•	•	•	•	
FL1675	1/4	180	50	185	159	631	7.47		•	•	300	11.1	RSCR	•	•	•	•	•	Type3-211 Type4-216
			60	210	181	717								•	•	•	•	•	
FL1888	1/4	180	50	215	185	734	8.83		•	•	300	11.1	RSCR	•	•	•	•	•	Type3-211 Type4-216
			60	250	215	853								•	•	•	•	•	

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**FL1875-SH**

220-240V 50Hz **OIL** 2007.01.19



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SERIAL NO. 15650 HFC-134a



WARNING | HIGH TEMPERATURE  
ELECTRIC SHOCK

**DO NOT TOUCH 939**

Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
<b>R134a Models</b>						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
<b>R600a Models</b>						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
<b>R600a Models (Inverter)</b>						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

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