Hitachi Hermetic Compressors

جهان کمپرسور — Jahan Compressor — Since 1983

FL Series

STANDARD MODEL

Application & Refrigerant LBP R134a

Model	Nominal Power		F	Cooling Capacity			D	Cooling			O	Wg	Motor Type	Power Source					Dimension
								N	Cooling					1	2	3	4	5	
	HP	W	Hz	W	Kcal/h	BTU/h	cm3		Oil	Fan	cm3	Kg		H	P	R	S	T	Type - H
FL0634	1/12	65	50	78	67	266	3.42	•			200	6.8	RSCR	•			•		Type1-165
			60	90	77	307								•	•	•			
FL0739	1/10	75	50	95	82	324	3.94				270	7.8		•			•		Type1-179 Type2-180
			60	108	93	368								•	•	•			
FL0845	1/8	85	50	105	90	358	4.50					8.1		•			•		
			60	118	101	403								•	•	•			
FL1052	1/6	100	50	120	103	409	5.19					8.3	RSIR RSCR CSIR	•			•		
			60	140	120	478								•	•	•			
FL1157		110	50	135	116	461	5.70				240	8.7		•			•		Type1-195 Type2-200
			60	158	136	539								•	•	•			
FL1262	1/5	125	50	150	129	512	6.23	•			320	9.5		•			•		
			60	170	146	580								•	•	•			
FL1675		160	50	185	159	631	7.47		•	•	300	10.6		•			•		Type3-211
			60	210	181	717								•	•	•			
FL1888	1/4	180	50	215	185	734	8.83		•	•	300	11.1		•			•		Type4-216
			60	250	215	853								•	•	•			

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

Since we are constandly 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	

F= Frequency	1= 1ø100v	RSIR = Resistance Start Induction Run
D= Displacment	2= 1ø100~120v	RSCR = Resistance Start Capacitor Run
O= Oil Charge	3= 1ø200~220v	CSIR = Capacitor Start Induction Run
N= Natural	4= 1ø200~240v	CSR = Capacitor Start and Run
Wg= Weight	5= 3ø200~240v	IR = Induction Run

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HIGH EFFICIENCY MODEL

Application & Refrigerant LBP R134a

Model	Nominal Power		F	Cooling Capacity			D	Cooling			O	Wg	Motor Type	Power Source					Dimension
								N	Oil	Fan				1	2	3	4	5	
	HP	W	Hz	W	Kcal/h	BTU/h	cm3				cm3	Kg		H	P	R	S	T	Type - H
FL1152	1/6	110	50	132	113	450	5.19				270	8.3	RSCR	•			•		Type1-179
			60	155	133	529								•	•	•			Type2-180
FL1257	1/5	125	50	150	129	512	5.70	•			240	9.5		•			•		Type2-180
			60	175	151	597								•	•	•			
FL1462		140	50	160	138	546	6.23				320	10.5		•			•		Type2-188
			60	180	155	614								•	•	•			Type2-195
FL1568	1/5	150	50	185	159	631	6.80				300	10.6	RSIR RSC	•			•		Type2-200
			60	210	180	717								•	•	•			
FL1875	1/4	180	50	210	181	717	7.47		•	•		10.8	RSIR RSCR	•			•	•	Type5-196
			60	245	211	836								•	•	•			Type5-216
FL2088	1/3	200	50	250	215	853	8.83				300	11.1	CSR IR	•			•	•	Type5-216
			60	295	254	1007								•	•	•			

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