

Swimming Pool Heat Pump (R410A)



Model		FFS-3.8	FFC-5.3	FFS-7.8	FFS-9.5	FFS-12.4	FFS-14	FFST-21	FFST-26	FFST2-35	FFST2-45	FFST2-50	RJ-800R/SN2-YV	
Heating Capacity	W	3800	5300	7900	9860	12500	14000	21000	26000	35000	45000	50000	80000	
	BTU	12900	18000	26600	32400	42600	47740	71600	88660	119300	153400	170500	272800	
Heating Input Power	W	757	1050	1575	1925	2180	2160	4010	4750	6590	7560	9600	20600	
Heating Running Current	A	3,62	5,02	7,50	9,78	10,43	12,5	7,16	8,39	11,3	13,6	17,2	40,6	
Max. Current	A	5,5	7,5	12,00	16,00	18	20	12	14	16,8	21,8	28	54	
Power Supply	V/Ph/Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	380V/3Ph/50Hz	
Compressor	Brand	Mitsubishi	Mitsubishi	Mitsubishi	Toshiba	Toshiba	Sanyo	Sanyo	Sanyo	Sanyo	Sanyo	Sanyo	Sanyo	
	Model	KN104VGMCM	RN145VHEMC	RN222VHFMC	PA290X3CS-4MU1	PA330X3CS-4MU1	C-SBP120H15A	C-SBN373H8D	C-SBN453H8D	C-SBP140H38A	C-SBN373H8D	C-SBN453H8D	C-SCP400H38A	
	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	
	Quantity	pcs	1	1	1	1	1	1	1	1	2	2	2	
Refrigerent Type	Type	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	
	Quantity	kg	0,5	0,75	1,1	1,3	1,65	1,8	3	3,2	2.8x2	3x2	4.5X2	
Condenser		Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	
Evaporator	Type	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	Hydrophilic aluminium/p9.52 innergroove tube	
	Number of rows	One	two	two	two	two	two	one	one and half	two	two	two	two	
	Fin spacing	mm	1,6	1,6	1,6	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	
Fan motor	Model	YDK-20A-6	YDK-20A-6	YDK-25-6	YDK-40B-6	YDK-50AP-6	YDK-50AP-6	YDK-160G-6	YDK-160G-6	YDK-160G-6	YDK-160H-6 / YDK-160G-6	YDK-160H-6 / YDK-160G-6	YDK-160H-6 / YDK-160G-6	
	speed	1-speed	1-speed	1-speed	1-speed	1-speed	1-speed	1-speed	1-speed	1-speed	2-speed	2-speed	2-speed	
	qty	pcs	1	1	1	1	1	1	1	1	2	2	2	
Throttling element	type	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	expansion valve	expansion valve	expansion valve	expansion valve	
	model	/	/	/	/	/	/	/	/	BAE4.5ZW195	BAE6ZW195	BAE6ZW195	TGEL-9	
Four-way valve	Model	STF-0108G	STF-0108G	STF-0218G	STF-0218G	STF-0218G	STF-0301G	STF-0408G	STF-0408G	STF-0408G	STF-0408G	STF-0408G	STF-0712G	
	Brand	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	Saginomiya	
Water flow switch		inside	inside	inside	inside	inside	inside	inside	inside	inside	inside	inside	inside	
Controller		Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Single System Controller with Big LCD Monitor	Multi System Controller with Big LCD Monitor	Multi System Controller with Big LCD Monitor	Multi System Controller with Big LCD Monitor	
	Brand	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	REFCO	
Gas pressure gage	Model	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	MR-305-DS-R410A	
	qty	pcs	1	1	1	1	1	1	1	1	2	2	2	
Noise	dB(A)	51	51	51	52	52	52	54	54	55	55	55	58	
Water Connection	mm	50	50	50	50	50	50	50	50	63	63	63	90	
Water Flow Volume	L/h	2000	3000	4550	5000	5500	6000	6400	8000	15000	19000	21000	21000	
Water Pressure Drop	kpa	10	12	12	15	15	15	16	16	18	18	18	22	
Heating Input Power	W	757	1050	1575	1925	2180	2160	4010	4750	6590	7560	9600		
Heating Running Current	A	3,62	5,02	7,50	9,78	10,43	12,5	7,16	8,39	11,3	13,6	17,2		
Max. Current	A	5,5	7,5	12,00	16,00	18	20	12	14	16,8	21,8	28	22	
Dimension	L*W*H	mm	750*264*493	750*264*493	935*282*545	1002*302*620	1025*360*711	1025*360*711	752*690*965	752*690*965	1450*702*950	1450*702*1060	1450*702*1260	2000x900x1880
Packing Size	L*W*H	mm	875*370*560	875*370*560	1060*380*700	1135*395*760	1140*460*880	1140*460*880	840*750*1100	840*750*1100	1525*805*1110	1525*805*1220	1525*805*1420	2090x985x2020
Weight	Net Weight	kg	34	45	54	68	105	115	111	112	240	250	530	
	Gross Weight	kg	38	50	64	78	120	130	123	125	270	280	620	