

Technical specification : Seiro name (Model range) R-410a 60Hz Rev.0

Item	Model Name	YORK	Set Indoor	YMSFZ018BAAKB-X	YMSFZ024BAAKB-X	YMSFZ036BAAKB-X	YMSFZ048BAAKB-X	YMSFZ060BAAKB-X	YMSFZ018BAAKB-X	YMSFZ024BAAKB-X	YMSFZ036BAAKB-X	YMSFZ048BAAKB-X	YMSFZ060BAAKB-X
3	Power supply		Outdoor	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
4	Capacity	Btu/h		18000	22400	35400	47500	57000	17800	22400	35400	47500	57000
5	Capacity	W		5275	6585	10375	13921	16706	5216	6585	10375	13921	16706
6	Input	W		1542	1979	3095	4143	5116	1635	2086	3282	4372	5365
7	Rated current	A		11.3	12.7	21	29.1	35.2	10.1	13.4	20	29.9	35.5
8	ER	Btu/h.W		11.7	11.3	3.19	11.5	10.9	11.1	10.7	11.3	12.6	11.3
9	ER	W/W		3.79	3.87	3.19	3.23	3.75	3.43	3.2	3.17	3.22	3.89
	SER	Btu/h.W		13	13	13	13	13	13	13	13	13	13
10	Capacity	Btu/h		18000	22000	35000	47000	58000	/	/	/	/	/
11	Capacity	W		5275	6448	10258	13775	16999	/	/	/	/	/
12	Input	W		1459	1761	2780	3631	4413	/	/	/	/	/
13	Rated current	A		11.3	12.7	21	29.1	35.2	/	/	/	/	/
14	COP	Btu/h.W		12.3	12.5	12.7	12.9	13.1	/	/	/	/	/
15	COP	W/W		3.6	3.7	3.7	3.8	3.9	/	/	/	/	/
	BSFP	Btu/h.W		7.7	7.7	8.2	8.2	8.2	/	/	/	/	/
16	Moisture Removal	g/h		78%	78%	78%	78%	78%	/	/	/	/	/
17	Max. input consumption	W		1629	2834	3995	5355	6388	2097	2774	4052	4997	6492
18	Max. current	A		11.3	15.6	21	29.1	35.2	10.1	13.4	20	29.9	35.5
19	Starting current	A		50	60	80	118.7	140	50	60	80	118.7	140
20	Operation Control			Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control
21	Number of row			3	4	5	6	7	3	4	5	6	7
22	Pin spacing	mm		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
23	Pin material			hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium
24	Indoor coil			hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium
25	Tube outside diameter	mm		φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7
26	Tube material			inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube
27	Coil length x height x width	mm		415x336x40	336x415x33.48	445x840x66.85	510x1092x66.85	546x510x66.85	415x336x40	336x415x33.48	445x840x66.85	510x1092x66.85	546x510x66.85
28	Number of circuit			8	8	8	8	8	8	8	8	8	8
29	Model			YDK100-6F	YDK135-6F	YDK220-6F	YDK300-6F	YDK400-6F	YDK100-6F	YDK135-6F	YDK220-6F	YDK300-6F	YDK400-6F
30	Input	W		143	217	388	480	620	143	217	388	480	620
31	Output	W		100(H:0Pa)	135(H:0Pa)	220(H:0Pa)	300(H:0Pa)	400(H:0Pa)	100(H:0Pa)	135(H:0Pa)	220(H:0Pa)	300(H:0Pa)	400(H:0Pa)
32	Running current	A		0.7	1	1.77(H:40Pa)	2.25(H:50Pa)	3.1(H:125Pa)	0.7	1	1.77(H:40Pa)	2.25(H:50Pa)	3.1(H:125Pa)
33	Capacitor	μF		0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
34	Speed (H/M/L)	rpm		660/655/450	730/655/530	920/850/750	930/800/720	975/930/845	660/655/450	730/655/530	930/850/750	930/800/720	975/930/845
35	Indoor air flow (H/M/L)	m ³ /h		1123/1050/980	1373/1360/1300	2134/2050/1931	2868/2650/2450	3231/3200/2746	1123/1050/980	1373/1360/1300	2134/2050/1931	2868/2650/2450	3231/3200/2746
36	Indoor noise level (H/M/L)	dB(A)		42/39/35	49/46/40	54/52/49	50/49/47	42/39/35	42/39/35	49/46/40	54/52/49	50/49/47	42/39/35
37	Indoor dimension	Unit (WxDxD)		460x1050x520	460x1050x520	500x1180x550	560x1385x610	560x1385x610	460x1050x520	460x1050x520	500x1180x550	560x1385x610	560x1385x610
38	Packing (WxDxD)	mm		534X1084X614	534X1084X614	573X1214X644	634X1418X704	634X1418X704	534X1084X614	534X1084X614	573X1214X644	634X1418X704	634X1418X704
39	Net	kg		48	48	66	77	78	48	48	66	77	78
40	Gross	kg		53	54	84	84	84	53	54	84	84	85
41	Number of row			1	2	2	2	2	1	2	2	2	2
42	Pin spacing	mm		1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
43	Pin material			non-hydrophilic aluminium	non-hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	non-hydrophilic aluminium	non-hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium	hydrophilic aluminium
44	Tube outside diameter	mm		φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7
45	Tube material			inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube	inergroove tube
46	Coil length x height(x width)	mm		1598*588	1570*588	2043X588	2043X714	2163X798*26.74	1598*588	1570*588	2043X588	2043X714	2163X798*26.74
47	Number of circuit			3	3	2	2	2	3	3	2	2	2
48	Model			ZP16K5E-PFV-130	ZP20K5E-PFV-130	ZP31K5E-PFV-130	ZP42K5E-PFV-130	ZP51K5E-PFV-130	ZP16K5E-PFV-130	ZP20K5E-PFV-130	ZP31K5E-PFV-130	ZP42K5E-PFV-130	ZP51K5E-PFV-130
49	Type			Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
50	Capacity	Btu/h		15524.6	19960.2	31049.2	41967.8	51009.4	15524.6	19960.2	31049.2	41967.8	51009.4
51	Input	W		1660	2040	3070	4070	4980	1660	2040	3070	4070	4980
52	Rated current (RLA)	A		9	13.5	16.7	21.8	26.4	9	13.5	16.7	21.8	26.4
53	Locked rotor Amp (LRA)	A		48.0	58.3	79	117	134	48.0	58.3	79	117	134
54	Thermal protector			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
55	Capacitor	μF		0.03	0.035	0.045	0.07	0.07	0.03	0.035	0.045	0.07	0.07
56	Refrigerant oil	ml		740	740	740	1240	1240	740	740	740	1240	1240
57	Model			YDK60-6G	YDK60-6G	YDK110-8G	YDK230-6G	YDK230-6G	YDK60-6G	YDK60-6G	YDK110-8G	YDK230-6G	YDK230-6G
58	Input	W		125	210	375	210	375	125	210	375	210	375
59	Output	W		60	110	230	230	60	60	110	230	230	60
60	Running current	A		0.61	0.61	0.96	1.7	1.7	0.61	0.61	0.96	1.7	1.7
61	Capacitor	μF		6	6	6	6	6	6	6	6	6	6
62	Speed (H/M/L)	rpm		1075	1075	840	1100	1100	1075	1075	825	1075	1075
63	Outdoor air flow	m ³ /h		2688	2688	5100	7175	7280	2688	2688	5100	7175	7280
64	Outdoor noise level	dB(A)		57	60	64	67	66	57	60	64	66	66
65	Outdoor dimension	Unit (WxDxD)		600X633X600	600X633X600	710X759X710	710X759X710	740X843X740	600X633X600	600X633X600	710X759X710	710X759X710	740X843X740
66	Packing (WxDxD)	mm		628X667X628	628X667X628	738X667X738	738X793X738	768X877X768	628X667X628	628X667X628	738X667X738	738X793X738	768X877X768
67	Net	kg		59	61	75	91	101	52	54	66	87	87
68	Gross	kg		64	66	80	95	108	56	58	70	94	104
69	Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
70	Charge	g		R410a:3200	R410a:3500	R410a:3550	R410a:4000	R410a:4900	R410a:1670	R410a:1620	R410a:2220	R410a:3500	R410a:4800
71	Liquid side	mm		9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
72	Gas side	mm		19	19	19	22	22	19	19	22	22	22
73	Max. refrigerant pipe length	m		45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
74	Max. difference in level	m		10	10	16	4.5	15	10	10	16	4.5	15
75	Operation temperature range	°C		17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30
76	Ambient temperature range	°C		-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43	-10~43
77	Application area	μF		35	43	69	93	111	35	43	69	93	111
78	Indoor			78/129/202	78/129/202	82/139/217	44/82/107	45/82/111	78/129/202	78/129/202	82/139/217	44/82/107	45/82/111
79	Outdoor			106/220/258	106/220/258	77/159/187	64/134/157	54/112/131	106/220/258	106/220/258	77/159/187	64/134/157	54/112/131

Remark: The above design and specification are subject to change without prior notice for product improvement.

Setting Conditions	Cooling	Heating
Indoor Temperature	27°C (80.6°F) WB	20°C (68.0°F) WB
Outdoor Temperature	35°C (95.0°F) WB	7°C (44.6°F) WB

Edited by:..... (Engineer)

Date:.....

HISTORY	DETAIL