

FTR FIXED SPEED R410A U/CEILING SPECIFICATION							
Nominal Capacity			18K	24K	36K(1Ph)	48K	55K
Indoor Model			42FTR0181121	42FTR0241121	42FTR0361121	42FTR0481191	42FTR0601191
Code			220044100710	220044200860	220044401580	220044601330	220044701570
Performance Rating	Cooling	kW	5.3	7.2	10.1	13.5	15.0
	Cooling	Btu/h	18000	24500	34400	46000	51000
	Heating	kW	5.6	7.5	11.5	14.5	16.5
	Heating	Btu/h	19000	25600	39000	49500	56000
EER	Cooling	W/W	2.61	2.70	2.61	2.61	2.50
COP	Cooling	W/W	3.30	3.10	2.90	2.90	2.90
Indoor fan motor	Model		YSK55-4L	YSK55-4L	YSK125-4C	YSK125-4C	YSK85-4C
	Qty		1	1	1	1	2
	Input	W	125/105/85	125/105/85	148/131/122	148/131/122	(121/104/95)x2
	Speed (Hi/Mid/Lo)	r/min	1310/1190/1040	1310/1190/1040	1370/1300/1225	1370/1300/1225	1310/1190/1080
Indoor coil	Number of rows		2	2	2	3	3
	Tube pitch(a)xrow pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3	1.3	1.3	1.3
	OD diameter/ type	mm	Φ7,IG	Φ7,IG	Φ7,IG	Φ7,IG	Φ7,IG
	LxHxW	mm	795x294x26.74	795x294x26.74	935x294x26.74	1010x294x40.11	1300x294x40.11
	No of circuits		6	6	6	5	8
Indoor air flow (Hi/Med/Lo) (No duct)		m <sup>3</sup> /h	1300/1050/900	1400/1200/1000	1750/1400/1250	1750/1400/1250	2300/1800/1600
Indoor noise level (Hi/Med/Lo)		dB(A)	53/46/41	53/48/43	54/49/45	53/48/44	55/51/48
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1068x675x235	1285x675x235	1285x675x235	1650x675x235
	Packing (WxDxH)	mm	1145x755x313	1145x755x313	1360x755x313	1360x755x313	1725x755x313
	Net/Gross weight	kg	24/29	24/29	29/36	31/36	39/45
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe dia		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
Controller			Remote-R05	Remote-R05	Remote-R05	Remote-R05	Remote-R05
Operation temperature	Cooling	℃	17~32	17~32	17~32	17~32	17~32
	Heating	℃	0~30	0~30	0~30	0~30	0~30
Outdoor Model			38RN018112A	38RN024112A	38RN036112A	38RN048119A	38RN060119A
Code			220075201280	220075301840	220075502280	220075702120	220075802320
Power supply			V-ph-Hz 220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50	380~415-3-50
Max. input consumption			W 2950	3450	4950	6300	7500
Max. input current			A 15	18	30	10.9	12.6
Compressor	Model		PA225M2CS-4KU2	PA290G2CS-4MU1	C-SBN301H5D	C-SBN373H8D	C-SBN453H8D
	Type		Rotary	Rotary	Scroll	Scroll	Scroll
	Brand		GMCC	GMCC	Sanyo	Sanyo	Sanyo
	Capacity	Btu/h	18766	24771	31902	48109	55957
	Input	W	1835	2430	3750	4750	5750
	Rated current(RLA)	A	8.5	11.65	18.1	8.22	9.77
	Refrigerant oil	ml	750	850	1700	1700	1700
Outdoor fan motor	Model		YDK48-6H(A)	YDK100-6D	YDK190-6D(B)	YDK65-6F(B)	YDK65-6F(B)
	Qty		1	1	1	2	2
	Input	W	110	167	290	162	162
	Speed	r/min	890	900	830	765	765
	Number of rows		2	2	1.5	2	2

Outdoor coil	Tube pitch/row pitch	mm	21x13.37	21x13.37	21x13.37	21x13.37	22x19.05
	Fin spacing	mm	1.4	1.4	1.4	1.4	1.6
	OD diameter/ type	mm	Φ7,IG	Φ7,IG	Φ7,IG	Φ7,IG	Φ7.94,IG
	LxHxW	mm	660x546x26.74	785x651x26.74	890x903x26.74	840x1113x26.74	837x1100x38.1
	No of circuits		4	4	6	4	4
Outdoor air flow (Max.)		m <sup>3</sup> /h	2400	2700	5500	6200	6500
Outdoor noise level (sound pressure)		dB(A)	58	61	62	63	63
Throttle type			Capillary	Capillary	Capillary	Capillary	Capillary
Outdoor unit	Dimension(WxDxH)	mm	762x282x593	842x324x695	990x354x966	900x340x1167	900x340x1167
	Packing(WxDxH)	mm	887x355x645	965x395x755	1120x435x1100	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	37/39	49/55.5	84.5/96.5	93/105	97/107
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1.4	1.8	2.6	3.25	3.2
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
	Max. pipe length	m	25	25	30	50	50
	Max. height difference	m	15	15	20	25	25
Ambient temperature	Cooling	℃	18~43	18~43	-10~43	-10~43	-10~43
	Heating	℃	-7~24	-7~24	-7~24	-7~24	-7~24