



AIRCON EXPERTS

A division of N.H. Air Solutions

DOUBLE APPLICATION



VERTICAL & HORIZONTAL SWEEP



SILVER + ION FILTERS

TWO WAY DRAIN

WIRED OR 7 DAY GROUP CONTROL (OPTION)

POWERFUL AIRFLOW & LONG DISTANCE THROW

LOW AMBIENT CONTROL (36K - 60K)

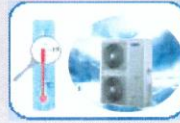
FTR



Soft start 36k



Silver/ ion filter



Low ambient control



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MODEL			FTR018	FTR024	FTR036	FTR048	FTR060	FTR070
Indoor			42FTR0181121	42FTR0241121	42FTR0361121	42FTR0481191	42FTR0601191	42FTR0701191
Performance Rating	Cooling	kW	6.0	7.3	9.4	12.6	14.6	17300
	Heating	kW	6.0	7.7	11.5	13.8	16.8	19700
EER	Cooling	W/W	2.59	2.63	2.34	2.38	2.33	2.78
COP	Heating	W/W	3.30	2.98	2.78	2.72	2.80	3.25
Indoor air flow (Hi/Med/Lo)		m ³ /h	1300/1050/900	1400/1200/1000	1750/1400/1250	1750/1400/1250	2300/1800/1600	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	59/58/57
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1068x675x235	1285x675x235	1285x675x235	1650x675x235	1650x675x235
	Packing (WxDxH)	mm	1145x755x313	1145x755x313	1360x755x313	1360x755x313	1725x755x313	1725x755x313
	Net/Gross weight	kg	24/29	24/29	29/36	31/36	39/45	44/50
Drain pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Ref piping	Liquid / Suction	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ22
Controller			Remote-R05	Remote-R05	Remote-R05	Remote-R05	Remote-R05	Remote-RG51Q1/BGE
Operation temperature	Cooling	°C	17~32	17~32	17~32	17~32	17~32	18~32
	Heating	°C	0~30	0~30	0~30	0~30	0~30	0~27
Outdoor			38RN018112A	38RN024112A	38RN036112A	38RN048119A	38RN060119A	38RN070119A
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	380~415-3-50
Max. input consumption		W	2950	3450	4950	6300	7500	8800
Max. input current		A	15	18	30	10.9	12.6	16
Compressor	Type		Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
	Brand		GMCC	GMCC	Sanyo	Sanyo	Sanyo	Sanyo
	Capacity	Btu/h	18766	24771	31902	48109	55956.8	55957
	Input	W	1835	2430	3750	4750	5750	5750
Rated current(RLA)		A	8.5	11.65	18.1	8.22	9.77	9.77
Outdoor air flow (Max.)		m ³ /h	2400	2700	5500	6200	6500	7500
Outdoor noise level (sound pressure)		dB(A)	58	61	62	63	63	62
Throttle type			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Outdoor unit	Dimension(WxDxH)	mm	762x282x593	842x324x695	990x354x966	900x340x1167	900x340x1167	938x392x1369
	Packing(WxDxH)	mm	887x355x645	965x395x755	1120x435x1100	1032x443x1307	1032x443x1307	1095x495x1505
	Net/Gross weight	kg	37/39	48/54.5	86/98	94/106	99/109	116/128
Refrigerant		Type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant piping	Liquid / Suction	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ22
	Max. pipe length	m	25	25	30	50	50	50
	Max. height difference	m	15	15	20	25	25	25
Ambient temperature	Cooling	°C	18~43	18~43	-15~43	-15~43	-15~43	-15 ~ 24
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24	-7 ~ 24

Cooling Conditions: 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.
 Heating Conditions: 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations
 Safety tested in accordance with SABS IEC 60335-2-40 applicable standard

UNDER CEILING / CONSOLE SPLIT

R410a FIXED SPEED

Photos may vary from the appearance of actual units



R05 Remote



38RN012



38RN048
38RN060



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