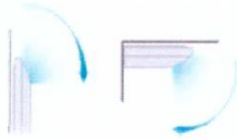




# AIRCONE EXPERTS

A division of N.H. Air Solutions

Double Application



Vertical & Horizontal Sweep



SILVER + ION FILTER

TWO WAY DRAIN

WIRED OR 7 DAY GROUP CONTROL (OPTIONAL)

POWERFUL AIRFLOW & LONG DISTANCE THROW

-15 - 50 DEGREE AMBIENT + 168V - 264V OPERATION

## FTV



Silver ion Filter



2 way drain



Low ambient control



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MODEL			42FTV018	42FTV024	42FTV036	42FTV048	42FTV060
INDOOR			42FTV0181001231	42FTV0241001231	42FTV0361001231	42FTV0481001231	42FTV0601001931
Capacity rating	Cooling	kW	5.27	7.10	11.50	14.10	16.50
	Heating	kW	5.75	7.40	11.70	16.50	19.50
EER	Cooling	W/W	2.93	2.84	2.88	2.61	2.62
COP	Heating	W/W	3.38	3.22	3.08	2.95	2.87
Indoor air flow (Hi / Med / Low)		m <sup>3</sup> /h	1300 / 1050 / 900	1400 / 1200 / 1000	1800 / 1600 / 1350	2300 / 1900 / 1700	2300 / 1900 / 1700
Indoor noise level (Hi / Med / Low)		dB(A)	52/46/41	53/48/41	54/49/45	56/52/49	56/52/49
Indoor unit	Dimension (WxDxH)	mm	1068 x 675 x 235	1068 x 675 x 235	1285 x 675 x 235	1650 x 675 x 235	1650 x 675 x 235
	Packing (WxDxH)	mm	1145 x 755 x 313	1145 x 755 x 313	1360 x 755 x 313	1725 x 755 x 313	1725 x 755 x 313
	Weight (net / gross)	mm	24/29	25/30	30/35	38/44	38/44
Drain pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid / Suction	mm	Φ6.35 / Φ12.7	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88
	Cooling	°C	> 17	> 17	> 17	> 17	> 17
Setting temp	Heating	°C	< 30	< 30	< 30	< 30	< 30
OUTDOOR			38VN0181123A	38VN0241123A	38VN0361123A	38VN0481123A	38VN0601193A
Power supply	Ph-V-Hz		220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50
Supply wiring Outdoor	Core/mm		3 x 1.5mm	3 x 2.5mm	3 x 2.5mm	3 x 4.0mm	5 x 2.5mm
Supply wiring Indoor	Core/mm		3 x 1.0mm	3 x 1.5mm	3 x 1.5mm	3 x 1.5mm	3 x 1.5mm
Interconnection wiring	Core		3 core shielded	3 core shielded	3 core shielded	3 core shielded	3 core shielded
Max input current	A		13	13.5	22	26	15
	Type		Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary
Compressor	Brand		GMCC	GMCC	Mitsubishi	Mitsubishi	Mitsubishi
	Capacity	Btu/h	13170	15286	33711	40603	47700
	Input	W	990	1150	3010	3520	4270
	Rated current (RLA)	A	4.97	9.7	13.5	13.4	12
Outdoor air flow Max		m <sup>3</sup> /h	2400	2700	5500	7200	7500
Outdoor sound pressure		dB(A)	58	58	64	62	63
Throttle type			Capillary + EXV	Capillary + EXV	Capillary + EXV	Capillary + EXV	Capillary + EXV
Outdoor unit	Dimension(WxDxH)	mm	762 x 282 x 593	842 x 324 x 695	990 x 354 x 966	938 x 392 x 1369	938 x 392 x 1369
	Packing(WxDxH)	mm	887 x 355 x 645	965 x 395 x 755	1120 x 435 x 1100	1095 x 495 x 1505	1095 x 495 x 1505
	Net / Gross weight	kg	42/44	46/49.5	73.5/84.5	99/112	107/120
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	kg	1.32	2.1	2.65	3.6	4.6
Refrigerant piping	Liquid / Suction	mm	Φ6.35 / Φ12.7	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88
	Max pipe length	m	25	25	30	50	50
	Max height difference	m	12	12	20	25	25
Ambient temp	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24

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

### INVERTER

Photos may vary from the appearance of actual units



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