



# AIRCON EXPERTS

A division of N.H. Air Solutions

4X INDIVIDUAL  
LOUVER ANGLES



EIGHT WAY  
AIR DISTRIBUTION



ULTRA SLIM CHASSIS

DUCT CONNECTION

500MM PUMP HEAD

UP TO 4.6 PARTIAL LOAD COP

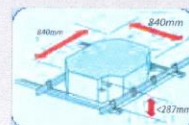
-15 - 50 DEGREE AMBIENT

168V - 264V OPERATION

## TSV



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MODEL			42TSV024	30TSV30	42TSV036	42TSV048	42TSV060
INDOOR			42TSV0241001231	42TSV0301001231	42TSV0361001231	42TSV0481001231	42TSV0601001931
Capacity Rating	Cooling	kW	7.10	9.00	11.50	14.10	16.50
	Heating	kW	7.40	10.00	11.70	16.50	19.50
EER	Cooling	W/W	2.84	2.81	2.88	2.61	2.62
COP	Heating	W/W	3.22	3.33	3.08	2.95	2.87
Indoor air flow (Hi / Med / Low)		m <sup>3</sup> /h	1250 / 1050 / 900	1580/1200/1000	2020 / 1700 / 1450	2100 / 1750 / 1500	2200 / 1800 / 1600
Indoor noise level (Hi / Med / Low)		dB(A)	43 / 41 / 38	46/45/43	51 / 48 / 45	53 / 48 / 45	53 / 48 / 45
Indoor unit	Dimension (W x D x H) (body)	mm	840 x 840 x 205	840x840x205	840 x 840 x 245	840 x 840 x 245	840 x 840 x 287
	Packing (W x D x H) (body)	mm	900 x 900 x 225	900x900x225	900 x 900 x 265	900 x 900 x 265	900 x 900 x 292
	Dimension (W x D x H) (Grille)	mm	950 x 950 x 55	950x950x55	950 x 950 x 55	950 x 950 x 55	950 x 950 x 55
	Packing (W x D x H) (Grille)	mm	1035 x 1035 x 90	1035x1035x90	1035 x 1035 x 90	1035 x 1035 x 90	1035 x 1035 x 90
	Net / Gross weight (body)	kg	21.5 / 25	24.5/28	24.5 / 28	27 / 30.5	31 / 34
	Net / Gross weight (Grille)	kg	5 / 8	5/8	5 / 8	5 / 8	5 / 8
Drain pipe diameter		mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Refrigerant piping Liquid / Suction		mm	Φ9.52 / Φ15.88	Φ9.52/Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88
Setting Temp	Cooling	°C	>17	≥17	>17	>17	>17
	Heating	°C	<30	≤30	<30	<30	<30
OUTDOOR			38VN0241123A	38VN0301123A	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 2.5mm	3 x 2.5mm	3 x 2.5mm	3 x 4.0mm	5 x 2.5mm
Supply wiring Indoor		Core/mm	3 x 1.5mm	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		18.5	13.5	22	26	15
	Type		Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary	Twin-rotary
Compressor	Brand		GMCC	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
	Capacity	Btu/h	15286	24328	33711	40603	47700
	Input	W	1150	2200	3010	3520	4270
	Rated current (RLA)	A	9.7	9.7	13.5	13.4	12
	Outdoor air flow Max	m <sup>3</sup> /h	2700	3800	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	842 x 324 x 695	842 x 324 x 695	990 x 354 x 966	938 x 392 x 1369	938 x 392 x 1369
	Packing (WxDxH)	mm	965 x 395 x 755	965 x 395 x 755	1120 x 435 x 1100	1095 x 495 x 1505	1095 x 495 x 1505
	Net / Gross weight	kg	46/49.5	71/75	73.5/84.5	99/112	107/120
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	kg	2.1	2.4	2.65	3.6	4.6
Refrigerant piping Liquid / suction		mm	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88	Φ9.52 / Φ15.88
Refrigerant piping	Max pipe length	m	25	25	30	50	50
	Max height difference	m	12	15	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

## EIGHT WAY SLIM CASSETTE

## INVERTER

Photos may vary from the appearance of actual units



Wired Control



38VN024



38VN036



38VN048  
38VN060



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