



EIGHT WAY CASSETTE



- | | | | |
|--|---------------------|--|------------------------------|
| | Auto Defrost | | Independent Dehumidification |
| | Auto Restart | | Sleep Mode |
| | Anti-Cold Air | | Air Flow Panel |
| | Built-in Drain Pump | | Wired Controller |
- Standard
 Optional

Features

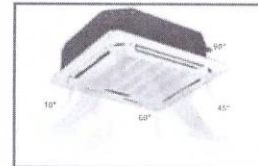
360° "OKTØBLOW" GRILLE

The latest airflow innovation from Carrier is the new L3, "OktøBLOW" grille. This new 8 way, 360 degree grille ensures uniform airflow and temperature distribution. By adding airflow from the four corners, the air path is widened, minimising dead zones subject to temperature differences



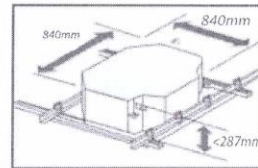
4 ANGLE LOUVER (Optional)

The new TSR cassette with L3 grille now gives you the option to set it's louvers at four different angles. This increases the amount of airflow control the user has. In applications where limited louver angles lead to down drafts and short cycling against nearby walls and where different users require different airflow angles, the new TSR cassette provides the solution. (Available on TSR024–TSR060)



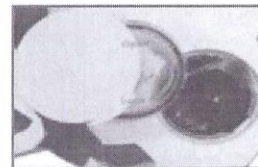
SLIM BODY PROFILE (24k-60k)

By using slimmer body heights, more installation applications become possible. The body heights of the units vary from 205mm (24k) to 245mm (36k-48k) and a maximum of 287mm on the largest 60k unit. This is particularly helpful in areas where ceiling heights are restricted



EASY REACH PUMP (24k-60k)

When maintenance is done on cassette units, it is very useful if the condensate pumps are easy to reach in order to remove, clean and service. The durable pumps are situated on the underside of the body, are super silent and have a pump head of 750mm from ceiling height



FRESH AIR & DUCT CONNECT

Units are fitted with a knockout panel which can be used to introduce fresh air into the room. This helps negate the build-up of stale air and enhances air quality in enclosed areas without natural fresh air supply. Knock out panels allow for the connection of secondary ducts to adjacent rooms.





AIRCON EXPERTS

A division of N.H. Air Solutions

TECHNICAL SPECIFICATION



MODEL			TSR012	TSR018	TSR024	TSR036	TSR048	TSR060
Indoor Model			42TSR0121121	42TSR0181121	42TSR0241121	42TSR0361121	42TSR0481191	42TSR0601191
Performance Rating	Cooling	kW	3.4	5.3	7.1	10.1	13.5	15.0
	Heating	kW	3.5	5.6	7.5	11.5	14.5	16.5
EER	Cooling	W/W	2.61	2.61	2.70	2.50	2.61	2.50
	Heating	W/W	3.01	3.10	3.01	2.90	3.10	2.90
Indoor air flow (Hi/Med/Lo) (No duct)		m ³ /h	680/650/430	810/650/530	1200/1050/900	1950/1700/1450	2020/1700/1450	2100/1750/1500
Indoor noise level (Hi/Med/Lo)		dB(A)	39/35/31	46/40/35	48/45/40	50/46/43	53/47/44	53/48/45
Indoor unit	(WxDxH)(body)	mm	570x570x260	570x570x260	840x840x205	840x840x245	840x840x245	840x840x287
	Packing (WxDxH)(body)	mm	655x655x290	655x655x290	900x900x225	900x900x265	900x900x265	900x900x292
	(WxDxH)(panel)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (WxDxH)(panel)	mm	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	14.5/17	16.5/19	23/27	26/30	27/32	29/34
	Net/Gross weight(panel)	kg	2.5/4.5	2.5/4.5	5/8	5/8	5/8	5/8
Drainage water pipe dia	mm	ODφ25	ODφ25	ODφ32	ODφ32	ODφ32	ODφ32	
Refrigerant piping	Liquid side/ Gas side	mm	φ6.35/φ12.7	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	RG51C/E	Remote-R05	Remote-R05
Operation temperature	Cooling	°C	17-32	17-32	17-32	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30	0-30	0-30	0-30
Outdoor Model			38RN012112A	38RN018112A	38RN024112A	38RN036112A	38RN048119A	38RN060119A
Power supply	V-ph-Hz		220-240-1-50	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50
Max. input consumption	W		1740	2950	3450	4950	6300	7500
Max. input current	A		8.5	15	16	30	10.9	12.6
Compressor	Model		PA140G1C-4FT1	PA225M2CS-4KU2	PA290G2CS-4MU1	C-SBN301H5D	C-SBN373HRD	C-SBN453HRD
	Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
	Brand		GMCC	GMCC	GMCC	Sanyo	Sanyo	Sanyo
	Capacity	Btu/h	11601	18766	24771	31902	48109	55956
	Input	W	1155	1835	2430	3750	4750	5750
	Rated current(RLA)	A	5.37	8.5	11.65	18.1	8.22	9.77
Refrigerant oil	ml	400	750	850	1700	1700	1700	
Outdoor air flow (Max.)	m ³ /h		1800	2400	2700	5500	6200	6500
Outdoor noise level (sound pressure)	dB(A)		55	58	61	62	63	63
Throttle type			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Outdoor unit	Dimension(WxDxH)	mm	780x250x547	762x282x593	842x324x695	990x354x966	900x340x1167	900x340x1167
	Packing(WxDxH)	mm	910x335x575	887x355x645	965x395x755	1120x435x1100	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	28/30	37/39	49/55.5	84.5/96.5	93/105	97/107
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	0.96	1.4	1.8	2.6	3.25	3.2
Refrigerant piping	Liquid side/ Gas side	mm	φ6.35/φ12.7	φ6.35/φ12.7	φ9.52/φ15.88	φ9.52/φ19.05	φ9.52/φ19.05	φ9.52/φ19.05
	Max. pipe length	m	15	25	25	30	50	50
	Max. difference in level	m	8	15	15	20	25	25
Ambient temperature	Cooling	°C	18-43	18-43	18-43	-10-43	-10-43	-10-43
	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.



Optional