

Multi Inverter Split Systems

Product Updates Release Summary

October 2024

Rinnai Australia

Rinnai

Multi Inverter Split Systems

Updates:

- ✓ MON6H18B as an additional model in the range
- ✓ Hi-Wall PB series 8.0kW as additional indoor unit.
- ✓ Floor Console 5.0kW as additional indoor unit.
- ✓ Compact Cassettes as additional indoor units.

4 Models of Outdoor units:

- 7kw 3 head
- 9kW 4 head
- 11kW 5 head
- 13kW 5 head
- 18kW 6 head



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Indoor unit options:

7 Models of Hi-Walls PB series

- Full range:
2.0kW / 2.6kW / 3.5kW / 5.0kW / 6.0kW / 7.0kW / 8.0kW

*Note: The indoor unit product code for 8.0kW will change from **HINRP80B** to **HINRP80MB**, but the current HINRP80B can be used for multi system.*

4 Models of Slim Ducted units

- Full range:
2.6kW / 3.5kW / 5.0kW / 7.0kW

4 Models of Compact Cassettes

- Full range:
2.0kW / 2.6kW / 3.5kW / 5.0kW

1 Models of Floor Console

- 5.0kW



Specifications – Outdoor Units

Multi Outdoor Unit			MON3H07B	MON4H09B	MON5H11B	MON5H13B	MON6H18B
Number of connected Indoor Units		Qty	3	4	5	5	6
Power Supply (To Outdoor Unit)		V-Ph-Hz	220~240-1-50				
Cooling	Rated Capacity (Range)	kW	7.5 (1.7-9.8)	9 (1.7 ~ 11.5)	11.5(2.6-11.7)	13.0 (2.6 ~ 14.6)	17.5 (4.57~18.5)
	Rated Input Power	kW	1.98	2.07	3.1	3.8	5.0
	Rated Input Current	A	8.9	10.09	15.65	16.87	22.80
	AEER	W/W	3.71	4.24	3.64	3.37	3.45
Heating	Rated Capacity (Range)	kW	7.4(1.8-9.6)	9.3 (1.8 ~ 12.0)	12.3 (2.6-12.3)	13.5 (2.6 ~ 15.2)	20.0 (4.98~20.7)
	Rated Input Power	W	1.59	2.07	3.1	3.22	5.10
	Rated Input Current	A	7.28	10.3	14.19	14.31	24.00
	ACOP	W/W	4.54	4.38	3.89	4.11	3.87
Maximum Input Current		A	17.5	19	22	30	33
Recommended Circuit Breaker		A	25	25	25	35	40
Compressor		Type	Inverter Twin Rotary				
Sound Power Level		dB(A)	66	68.4	67.9	72	71
Dimensions	Net (W x D x H)	mm	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	980 x 451 x 975	952 x 415 x 1333
	Gross (W x D x H)	mm	1030 x 438 x 790	1090 x 500 x 935	1090 x 500 x 935	1145 x 500 x 1090	1095 x 495 x 1480
	Net / Gross Weight	kg	48.0/61.5	66.2/83.0	76.0/93.0	91.0 / 106.4	110.6 / 124.9
Refrigerant Type			R32				
Refrigerant Piping	Connection Size: Liquid Line	mm	3 x Φ6.35	4 x Φ6.35	5 x Φ6.35	5 x Φ6.35	6 x Φ6.35
	Connection Size: Gas	mm	3 x Φ9.52	3 x Φ9.52 + 1 x Φ12.7	4 x Φ9.52 + 1 x Φ12.7	3 x Φ9.52 + 2 x Φ12.7	4 x Φ9.52 + 2 x Φ12.7
	Maximum Total System Pipe Length	m	60	80	80	80	80
	Pre-Charged Length	m	30	40	50	50	60
	Maximum Length Per Indoor Unit	m	30	35	35	35	35
	Maximum Vertical Separation Outdoor Unit ABOVE Indoor Unit	m	10	10	10	10	10
	Maximum Vertical Separation Outdoor Unit BELOW Indoor Unit	m	15	15	15	15	15
	Maximum Height Difference Between Indoor Units	m	10	10	10	10	10
	Factory Precharge	g	1850	2400	2590	2950	4300
Ambient Temperature Limits		Cooling	-15~50				
Ambient Temperature Limits		Heating	-25~30				

Wall Mounted			HINRP20MB	HINRP26MB	HINRP35MB	HINRP50MB	HINRP60MB	HINRP70MB	HINRP80MB
Power Supply		V - Ph - Hz	220~240 - 1 - 50						
Cooling	Rated Capacity	kW	2	2.65	3.5	5.0	6.0	7.15	7.8
	Rated Power Input	W	30	30	30	56	56	120	120
	Rated Current (Range)	A	0.17	0.17	0.17	0.33	0.33	0.62	0.62
Heating	Rated Capacity	kW	2.25	2.7	3.8	5.4	6.5	7.8	8.3
	Rated Power Input	W	30	30	30	56	56	120	120
	Rated Current (Range)	A	0.17	0.17	0.17	0.33	0.33	0.62	0.62
Air Flow (Turbo / Hi / Med / Lo / Min)		L/s	153/128/94/75/47	175/139/100/83/56	183/147/106/86/58	264/222/167/139/89	264/222/167/139/89	382/303/250/229/147	382/303/250/229/147
Sound Pressure Level @ 1m (Turbo / Hi / Med / Lo / Min)		dB(A)	43.0/38/31.5/30/25	46.4/39/32.5/30/24.5	46.7/39/32.5/30/24.5	47.1/44.5/38/34.5/28	47.1/44.5/38/34.5/28	57.6/45/39/33.5/29.5	57.6/45/39/33.5/29.5
Air Swing Louvres		Direction	4-way swing						
Dimensions	Dimension (W x D x H)	mm	729x200x291	802x200x295	802x200x295	971x228x321	971x228x321	1082x234x337	1082x234x337
	Packing (W x D x H)		790×273×370	875×288×375	875×288×375	1045×308×405	1045×308×405	1155x415x318	1155x415x318
	Net / Gross Weight	kg	8.0/10.7	8.5/11.1	8.5/11.1	11.1/14.4	11.1/14.4	13.5/17.1	13.5/17.1
Refrigerant Pipe Size: Liquid / Gas		mm	6.35mm /9.52mm	6.35mm /9.52mm	6.35mm /9.52mm	6.35mm /12.7mm	6.35mm /12.7mm	6.35mm /15.9mm	6.35mm /15.9mm
Controller		Type	Wireless Remote Control						
Operating range	Cooling	C	16~32						
	Heating		0~30						
Wi-Fi Compatibility			Standard						

Specifications – Slim Ducted

Slim Ducted			DINSD26MB	DINSD35MB	DINSD50MB	DINSD70MB
Power Supply		V-Ph-Hz	220~240-1-50			
Cooling	Rated Capacity	kW	2.6	3.5	5.2	7.1
	Rated Input Power	W	180	185	200	200
	Rated Input Current	A	1.1	1.1	1.3	1.3
Heating	Rated Capacity	kW	2.9	3.8	5.5	7.3
	Rated Input Power	W	180	185	200	200
	Rated Input Current	A	1.1	1.1	1.3	1.3
Airflow (Hi / Med / Lo)		L/s	500 / 340 / 230	500 / 340 / 230	600 / 480 / 300	880 / 650 / 350
Maximum External Static Pressure (Hi)		Pa	60	60	100	160
Sound Pressure (Hi / Med / Lo) @1.0m		dB(A)	40 / 34 / 27	40 / 34 / 27	40 / 34 / 27	41 / 38 / 33
Dimensions	Net (W x D x H)	mm	700 x 506 x 200	700 x 506 x 200	880 x 674 x 210	1100 x 774 x 249
	Gross (W x D x H)	mm	860 x 540 x 285	860 x 540 x 285	1070 x 725 x 280	1305 x 805 x 315
	Net / Gross Weight	kg	18 / 22	18 / 22	24 / 29	32 / 39
	Supply Air Duct Connection (W x H)	mm	537 x 152	537 x 152	706 x 136	926 x 175
	Return Air Duct Connection (W x H)	mm	599 x 186	599 x 186	782 x 190	1001 x 228
	Refrigeration Pipe Size: Liquid / Gas	mm	Φ6.35 / Φ9.52	Φ6.35 / Φ9.52	Φ6.35 / Φ9.52	Φ9.52 / Φ15.9
Condensate Drain Pump Connection		mm	ODΦ25mm			
Controller		Type	Wired Controller - 12m Cable			
Operating Range	Cooling	°C	17~32			
	Heating	°C	0~30			
Wi-Fi Compatibility			Optional			

Specifications – Compact Cassettes

Compact Cassettes			CIN020RMB	CIN026RMB	CIN035RMB	CIN050RMB
Fascia Panel		Model No.	CINFASMB			
Power supply		V-Ph-Z	220-240-1-50			
Cooling	Rated Capacity	kW	2.00	2.60	3.50	5.30
	Rated Input Power	W	60	60	70	75
	Rated Input Current	A	1.1	1.2	1.2	1.2
Heating	Rated Capacity	kW	2.30	2.90	3.50	5.50
	Rated Input Power	W	60	60	70	75
	Rated Input Current	A	1.1	1.2	1.2	1.2
Airflow (Hi/Med/Lo)		L/s	139/128/111	139/128/111	172/144/92	183/150/83
Sound Pressure Level @1.0m (Hi/Med/Lo)		dB(A)	40/37/27	40/37/27	42/38/31	44/41/31.5
Dimensions	Net - Body (W x D x H)	mm	570 x 570 x 245	570 x 570 x 245	570 x 570 x 245	570 x 570 x 245
	Gross - Body (W x D x H)		715 x 640 x 295	715 x 640 x 295	715 x 640 x 295	715 x 640 x 295
	Net - Fascia (W x D x H)		620x620x50			
	Gross - Fascia (W x D x H)		715x700x115			
	Net / Gross Weight - Body	kg	14.6/17.5	14.6/17.5	14.6/17.5	14.6/17.5
	Net / Gross Weight - Fascia		2.7/4.3			
	Refrigerantion Pipe Size: Liquid / Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
	Condensate Drain Pump Connection		Φ25	Φ25	Φ25	Φ25
Controller		Type	Remote controller			
Operating Range	Cooling	C	16-32			
	Heating		0-30			
Wi-Fi Compatibility			Standard			

Specifications – Floor Console

Floor Console			FINRP50MB
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz
Cooling	Rated Capacity	kW	4.90
	Rated Power Input	W	80
	Rated Current	A	0.70
Heating	Rated Capacity	kW	5.50
	Rated Power Input	W	80
	Rated Current	A	0.70
Sound Power Level		dB(A)	54
Indoor unit	Dimension (W x D x H)	mm	794x200x621
	Packing (W x D x H)	mm	865x280x719
	Net/Gross Weight	kg	14.9/18.8
Wi-Fi Compatibility			Standard

Order Codes

OUTDOOR UNIT

Model	Description
MON3H07B	MULTI CDU INV 3HD 7KW R32
MON4H09B	MULTI CDU INV 4HD 9KW R32
MON5H11B	MULTI CDU INV 5HD 11KW R32
MON5H13B	MULTI CDU INV 5HD 13KW R32
MON6H18B	MULTI CDU INV 6HD 18KW R32

WALL MOUNTED - INDOOR

Model	Description
HINRP20MB	WALL MOUNT FCU INV 2.0KW RPB
HINRP26MB	WALL MOUNT FCU INV 2.6KW RPB
HINRP35MB	WALL MOUNT FCU INV 3.5KW RPB
HINRP50MB	WALL MOUNT FCU INV 5.0KW RPB
HINRP60MB	WALL MOUNT FCU INV 6.0KW RPB
HINRP70MB	WALL MOUNT FCU INV 7.0KW RPB
HINRP80MB	WALL MOUNT FCU INV 8.0KW RPB

SLIM DUCTED - INDOOR

Model	Description
DINSD26MB	MULTI SLIM D FCU INV 2.6KW R32
DINSD35MB	MULTI SLIM D FCU INV 3.5KW R32
DINSD50MB	MULTI SLIM D FCU INV 5.2KW R32
DINSD70MB	MULTI SLIM D FCU INV 7.0KW R32

COMPACT CASSETTES - INDOOR

Model	Description
CIN020RFMB	MULTI CASSETTE FCU INV 2.0KW R32 & FASCIA
CIN026RFMB	MULTI CASSETTE FCU INV 2.6KW R32 & FASCIA
CIN035RFMB	MULTI CASSETTE FCU INV 3.5KW R32 & FASCIA
CIN050RFMB	MULTI CASSETTE FCU INV 5.0KW R32 & FASCIA

FLOOR CONSOLE - INDOOR

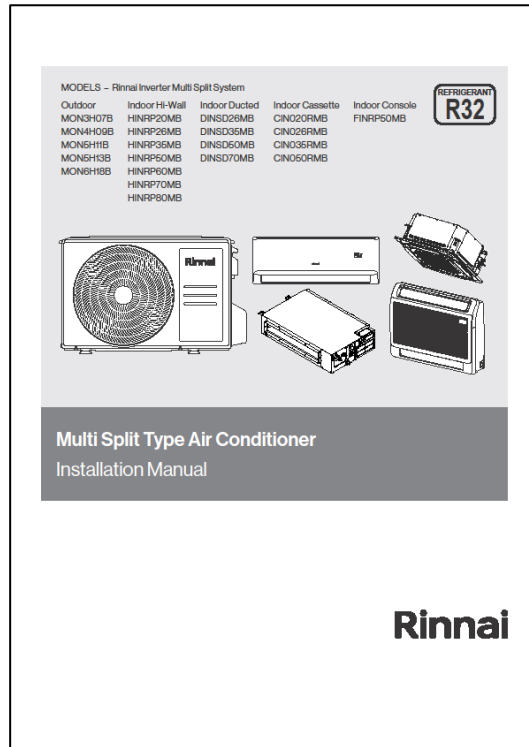
Model	Description
FINRP50MB	FLOOR CONSOLE FCU INV 5.0KW RPB

Controller and Wi-Fi Compatibility

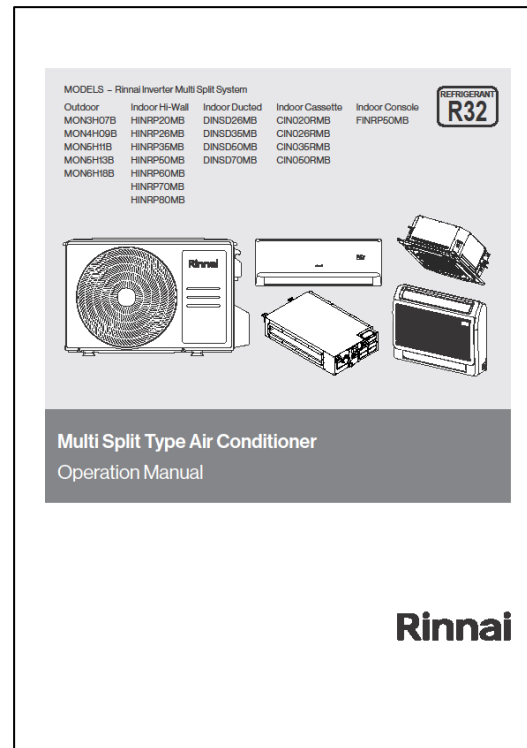
INDOOR UNIT TYPE	WALL MOUNTED (PB SERIES)	SLIM DUCTED	COMPACT CASSETTES	FLOOR CONSOLE
CONTROLLER				
Controller supplied with the unit	Infrared Remote controller	Wired Controller CNTRLDRCINW	Infrared Remote controller	Infrared Remote controller
Other Compatible controllers (Optional)	CNTRLDRCINW	CNTRLDRCIPB CNTRLDRCIPW	CNTRLDRCINW CNTRLDRCIPB CNTRLDRCIPW	CNTRLDRCINW
Additional parts needs to be purchased	MFBOXP1W2 / MFBOXP2W2	-	-	MFBOXFC and MFBOXFCLOOM
WI-FI COMPATIBILITY				
Wi-Fi Compatibility	Standard <i>Wi-Fi Smart Kit is included in the unit</i>	Standard <i>Wi-Fi is built-in in CNTRLDRCINW</i>	Standard <i>Wi-Fi Smart Kit is included in the unit</i>	Standard <i>Wi-Fi Smart Kit is included in the unit</i>

Resources

Installation Manual



Operation Manual



Brochure



Thank You

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