



SLIM, QUIET AND BUILT TO LAST

LIGHT COMMERCIAL A7 DUCT SERIES



FLEXIBLE AIR INTAKE POSITION

Air inlet direction is from rear as standard or can be changed to bottom.

BUILT IN DRAIN PUMP

The built in drain pump can lift the condensate water up to 1000mm.

MULTI CHANNEL AIR FLOW DISTRIBUTION

The units are suitable for different room types, its multi channel air distribution gives you comfort in every corner.

VERTICAL MOUNTING

Option for vertical mounting of units is available upon request.

FRESH AIR INLET

Built in fresh air inlet to create a more comfortable environment.

FLEXIBLE CONTROL AND EASY MAINTENANCE

The electrical control box can be removed away from the unit for easy maintenance access. Standard functional ports are included such as remote On/Off, dry contact switch and alarm signal output.

TWIN COMBINATIONS

Outdoor unit sizes 24, 36, 42, 48 & 55 can be installed with two indoor units for increased flexibility. Should be same Indoor Capacity as the total Outdoor capacity.

GROUP CONTROL FUNCTION

Built-in ports for on/off control and fault indication.

SMARTHOME APP

New Wired Controller has built in WiFi, allowing you to operate your system from almost anywhere, at any time.

- Refrigerant Leakage Detect
- Low Ambient Cooling
- Sweet Dreams
- Anti-cold Air Function
- Louvre Position Memory
- Auto Restart Function
- 24-hour Timer
- "Diamond-Edged" Casing
- Emergency Use Function
- Remote Enable Port



Eco-Friendly:

Significantly reduces global warming potential by up to 75%.

Efficient:

Offers up to 12% higher efficiency and uses 40% less refrigerant.

Cost-Effective:

Lowers energy consumption and operational costs.

Safe:

Mildly flammable but non-explosive.

Recyclable:

Easier to reuse and recycle due to its single-component nature.



A7 DUCT SERIES

The Midea A7 ducted system features a slimmer body, reduced noise, and UV curing technology on the PCB circuit board for enhanced durability in extreme conditions. Upgraded constant air flow technology and new design make it for easier installation and maintenance.



SPECIFICATIONS

R32 A7 DUCTED RA-SA DIMENSIONS



	MODELS			
	R32-MIDCT-24	R32-MIDCT-36	R32-MIDCT-48	R32-MIDCT-60
		1ph and 3ph	1ph and 3ph	3ph
A	828	1186	1044	1044
B	180	176	226	226
C	N/A	N/A	N/A	N/A
D	895	1265	1104	1104
E	212	230	284	284
F	N/A	N/A	N/A	N/A

Dimensions: mm

Indoor unit model			R32-MIDCT-24	R32-MIDCT-36	R32-MIDCT-36 (380Volt ODU)	R32-MIDCT-48	R32-MIDCT-48 (380Volt ODU)	R32-MIDCT-60
Indoor Code			22023011005454	22023011005518	22023011005518	22023011005455	22023011005455	22023011005494
Power supply			220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	24200 (11000~27000)	36000 (9400~40000)	36000 (9400~40000)	48000 (12000~51000)	48000 (12000~51000)	52000 (14000~59000)
		kW	7.09(3.23~7.92)	10.55(2.75~11.73)	10.55(2.75~11.73)	14.07(3.52~14.95)	14.07(3.52~14.95)	15.24(4.10~17.29)
	Input	W	2280 (750~2860)	3950 (900~4300)	3950 (900~4300)	4700 (810~6150)	4700 (810~6150)	5250 (1030~6650)
	Current	A	10 (4.2~12.6)	17.5 (4.2~19)	6(1.4~6.7)	20.8 (4~26.7)	7(1.8~10.5)	8.1 (3.1~11.5)
	EER	W/W	3.2	2.67	2.67	2.99	2.99	2.90
Heating	Capacity	Btu/h	27200 (9500~29200)	40000 (9500~43000)	40000 (9500~43000)	55000 (14000~59000)	55000 (14000~59000)	62000 (15000~70000)
		kW	8.0(2.79~8.56)	11.72(2.78~12.61)	11.72(2.78~12.61)	16.12(4.10~17.59)	16.12(4.10~17.59)	18.18(4.40~20.52)
	Input	W	2000(640~2500)	3250(800~3950)	3250(800~3950)	4600(950~5700)	4600(950~5700)	5150(950~6600)
	Current	A	9 (3.8~11)	14.5 (3.5~17.5)	5.3(1.3~6.4)	20 (4.5~25)	20 (4.5~25)	8.0(2~11.5)
	COP	W/W	3.72	3.61	3.61	3.50	3.50	3.53
Air Flow (H, M, L)		m³/h	1200/1000/700	1700/1400/1100	1700/1400/1100	2000/1700/1300	2000/1700/1300	2200/1900/1500
Standard external pressure		Pa	25	37	37	50	50	50
Range		Pa	0-160	0-160	0-160	0-160	0-160	0-160
Noise Levels (H)		dB (A)	33.5	38	38	46	46	44.5
Fan type			DC	DC	DC	DC	DC	DC
Coil								
Controller	Standard							
Refrigerant pipe (liquid/gas)		mm(inch)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)
Dimensions	Net (WxHxD)	mm	1000x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x300
	Packing (WxHxD)	mm	1225x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x354
Return Air Opening Sizes W x H (See diagram)		mm	895 x 212	1265 x 230	1265 x 230	1104 x 284	1104 x 284	1104 x 284
Supply Air Opening Sizes W x H (See diagram)		mm	828 x 180	1186 x 176	1186 x 176	1044 x 226	1044 x 226	1044 x 226
Drain pipe size		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Net/Gross Weight		kg	31.8/37.2	38.4/44.4	38.4/44.4	40.4/46.8	40.4/46.8	42.9/49.1
Outdoor Model			R32-MICOND-24-Q	R32-MICOND-36-Q	R32-MICOND-36-RRD	R32-MICOND-48-Q	R32-MICOND-48-RRD	R32-MICOND-60-RRD
Outdoor Code			22023016003552	22022516001728	22022516001727	22022716001996	22022716001856	22022516002302
Power supply			220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	380-415V,3Ph,50Hz	220-240V,1Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz
Max power input		kW	3.7	5.0	5.0	7.3	7.3	7.5
Max current (combined indoor/outdoor)		A	19	22.5	10	32	14	14
Fan type			DC	DC	DC	DC	DC	DC
Air Flow		m³/h	3500	4000	4000	5600	5600	5600
Static pressure		Pa	/	/	/	/	/	/
Compressor Type			Twin Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Coil Type								
Expansion device			EXV+Throttle valve	EXV	EXV	EXV+Throttle valve	EXV+Throttle valve	EXV+Throttle valve
Refrigerant (type/charge)		kg	R32/1.4kg	R32/2.4kg	R32/2.4kg	R32/2.9kg	R32/2.9kg	R32/3.2kg
Refrigerant pipe (liquid/gas)		mm(inch)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)	9.52(3/8)/15.9(5/8)
Refrigerant pipe max total length		m	50	75	75	75	75	75
Max. height difference between indoor and outdoor		m	25	30	30	30	30	30
Additional refrigeration > 5m		grams	24	24	24	24	24	24
Temperature	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24
Dimensions	Net (WxHxD)	mm	890x342x673	946x410x810	946x410x810	980x375x975	980x375x975	980x375x975
	Packing (WxHxD)	mm	995x398x740	1090x500x885	1090x500x885	1145x500x1080	1145x500x1080	1145x500x1080
Net/Gross Weight		kg	41.9/45.2	66.9/71.5	80.5/85	82.5/97	90/105	92/107

Midea reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE
Remarks: The above design and specifications are subject to change without prior notice for product improvement.





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