Midea

SLIM DESIGN, EASY INSTALLATION

LIGHT COMMERCIAL

BREEZELESS E ROUNDFLOW CASSETTE

BREEZELESS+ EFFECT
3,920 hourglass-shaped micro holes turn the airflow into thousands of tiny particles of cool air, softening the airflow to eliminate the feeling of cold draughts

360° AIRFLOW OUTLET
360° air outlet provides even airflow circulation to cool or heat every corner of a room and keep a constant temperature.

'FOLLOW ME' SENSITIVE COOLING
Keep the remote close to you and it will measure the temperature around you and adjust comfort levels accordingly.

FRESH AIR INLET & DRAIN PUMP
Built-in fresh air inlet creates a more comfortable environment. Optional motor available to increase the "fresh air effect". The built-in drain pump is mounted externally for easy maintenance, it is vertically exhausted and pumps up to 1000mm.

LED DISPLAY
Built in display for easy trouble shooting and system information.

INDEPENDENT VANE CONTROL
The direction of each vane can be set independently via the wired controller.

SUPER SLIM DESIGN
The height of the units starts from just 205mm.

REMOTE SIGNAL
Built-in ports for on/off control and fault indication. Please note: 1. For full BreezeleSS+ function set dip switch SW2-No.2 to on. Once active it can be enabled via (optional) infra-red controller. 2. If humidity levels in a room rise above standard conditions the system will automatically switch to normal operation. This is to deal with the load before reverting back to Breezeless mode.

SMARTHOME APP
WiFi Dongle is standard, allowing you to operate your system from almost anywhere, at any time.

- Refrigerant Leakage Detect
- Low Ambient Cooling
- Anti-cold Air Function
- Louvre Position Memory
- Emergency Use Function
- Remote Enable Port
- 360° Air Flow Panel
- Error Alarm Port
- Twin Combination
- Fresh Air Inlet
- Temperature Compensation

R32 Refrigerant

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.

WiFi

Smart Home

BREEZELESS E ROUNDFLOW CASSETTE

The super slim Midea Breezeless+ cassettes have low heights starting from just 205mm, allowing for easy installation in shallow ceilings. The new cassette allows optimum comfort to be achieved, tailored to each unique user's preference via various modes; Air Blast, Gentle Flow and Power Breezeless mode.

SPECIFICATIONS

Indoor unit model			R32-MICAS-24	R32-MICAS-36	R32-MICAS-36 (380Volt ODU)	R32-MICAS-48	R32-MICAS-48 (380Volt ODU)	R32-MICAS-60
Indoor Code			22022511003339	22022511003341	22022511003341	22022511003337	22022511003337	22022511003336
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	24000 (11250~27000)	36000 (9200~39000)	36000 (9200~39000)	48000 (12000~54000)	48000 (12000~54000)	52000 (14000~55000)
		kW	7.03 (3.29~7.91)	10.55 (2.70~11.43)	10.55 (2.70~11.43)	14.07 (3.52~15.83)	14.07 (3.52~15.83)	15.24 (4.10~16.12)
	Input	W	2320 (780~2750)	3950 (900~4200)	3950 (900~4200)	4980 (810~6350)	4980 (810~6350)	5700 (1000~6250)
	Current	A	10.2 (4.2~12)	17.5 (4.2~18.5)	6(1.4~6.7)	21.3(5.8~27.7)	8.0 (1.8~10.3)	8.8 (2.1~10.7)
	EER	W/W	3.03	2.67	2.67	2.82	2.82	2.67
Heating	Capacity	Btu/h	26000(9500~29000)	38000(9500~42000)	38000(9500~42000)	55000 (14000~59000)	55000 (14000~59000)	62000 (15000~70000)
		kW	7.62(2.79~8.50)	11.14(2.78~12.30)	11.14(2.78~12.30)	16.12(4.10~17.59)	16.12(4.10~17.59)	18.18(4.40~20.52)
	Current	A	8.5 (3.6~10.1)	13.5 (3.5~17.5)	13.5 (3.5~17.5)	7.5 (1.9~9.6)	7.5 (1.9~9.6)	8.8 (2.1~10.8)
	Input	W	1900(610~2300)	3000(800~3950)	3000(800~3950)	4580(910~5900)	4580(910~5900)	5700(1020~6350)
	COP	W/W	4.01	3.71	3.71	3.52	3.52	3.19
Air Flow (H, M, L)		m³/h	1247/1118/992	1700/1530/1300	1700/1530/1300	1900/1750/1600	1900/1750/1600	2000/1850/1650
Standard external pressure		Pa	/	/	/	/	/	/
Noise Levels (H)		dB (A)	45	51	51	51.5	51.5	53
Fan type			DC	DC	DC	DC	DC	DC
Coil			Hydrophilic aluminum					
Controller	Standard		Infra-red Remote Control					
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 (WxDxH)	mm	830x830x205	830x830x245	830x830x245	830x830x287	830x830x287	830x830x287
	Packing (WxDxH))	mm	910x910x250	910x910x290	910x910x290	910x910x330	910x910x330	910x910x330
	Net/Gross Weight	kg	21.6/25.4	27.2/31.2	27.2/31.2	29.3/33.5	29.3/33.5	29.3/33.5
	Panel(WxDxH)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Panel Packing(WxDxH)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
Drain port size		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Net/Gross Weight		kg	6/9	6/9	6/9	6/9	6/9	6/9
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		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			Hydrophilic aluminum					
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	ºC	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	ºC	-2~24	-20~24	-20~24	-20~24	-20~24	-20~24
Dimensions	Net (WxDxH)	mm	890x342x673	946x410x810	946x410x810	980x375x975	980x375x975	980x375x975
	Packing (WxDxH)	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.