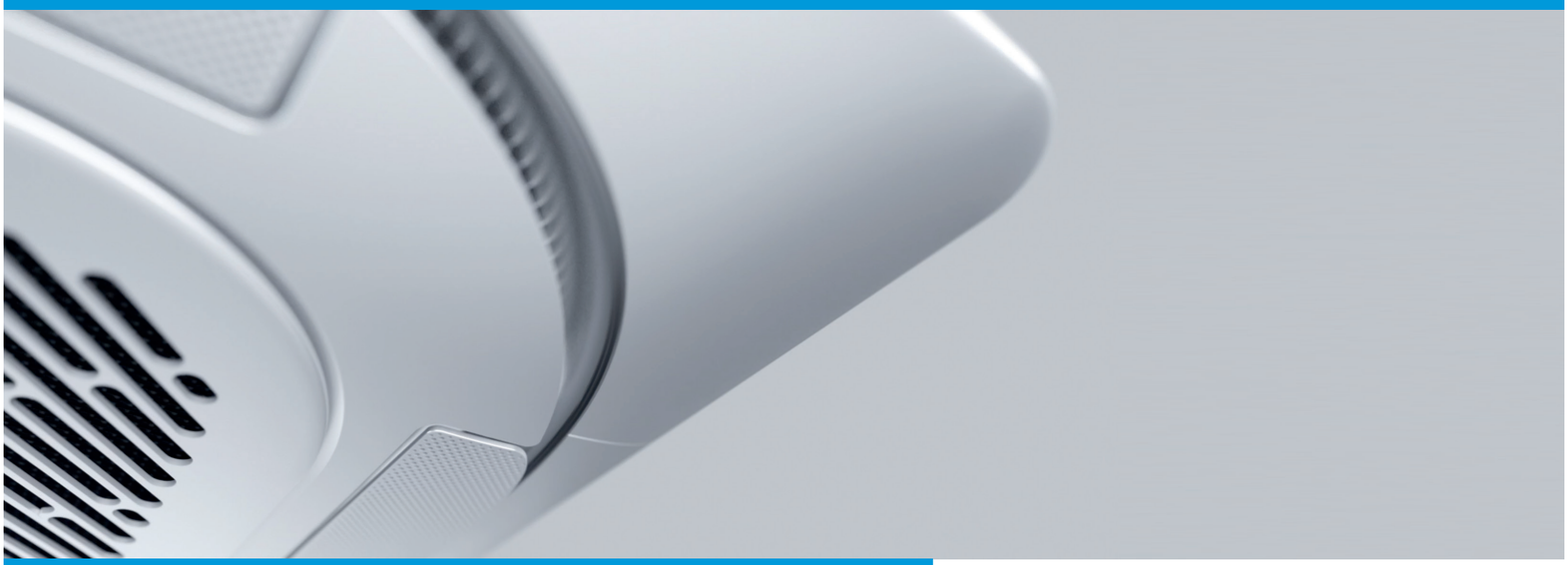
# SPLIT SYSTEMS



## BREEZELESS+ ROUNDFLOW CASSETTE

Midea BreezeleSS+ Roundflow cassettes have a super slim design with low heights starting from just 205mm.

The range features 360°C airflow, which is softened into thousands of tiny particles of cool air by 10,800 hourglass-shaped micro holes to eliminate the feeling of cold draughts. Optimum comfort can be achieved, tailored to each unique user's preference via various modes; Air Blast, Gentle Flow and Power Breezeless.

### BREEZELESS+ EFFECT
10,800 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 FASCIA 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.

### TWIN COMBINATIONS
Outdoor unit sizes 36,42,48 & 55 can be installed with two indoor units for increased flexibility.

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

**WWW.MIDEAUK.CO.UK**



Indoor unit

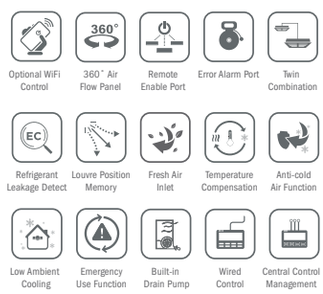


Outdoor unit



IR Controller

Wired Controllers




Voice Control

MSmartHome

ANDROID APP ON Google play

Download on the App Store

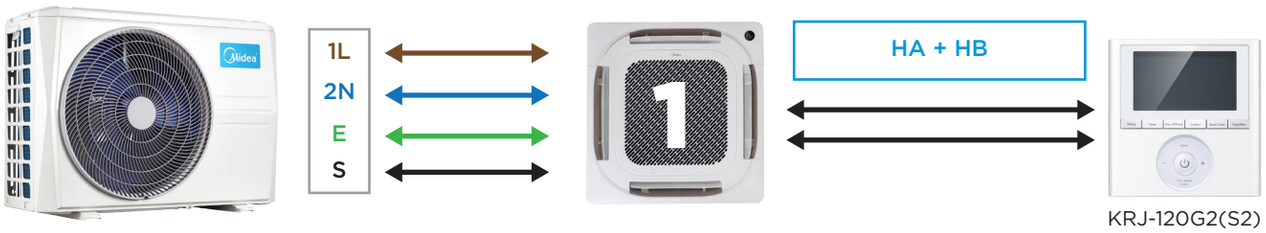
OFFICIAL PARTNER

**GAME CHANGING HVAC**

# SPLIT SYSTEMS

## BREEZELESS+ ROUNDFLOW CASSETTE

### BREEZELESS+, A6 DUCT, CEILING & FLOOR KRJ-120G2(S2) – 2-Core Controller




KRJ-120G2(S2)

| INDOOR | | | MCD1-24HRFNX(GA)(18) | MCD1-24HRFNX(GA) | MCD1-36HRFN8(GA) | MCD1-42HRFNX(GA) |
|---|---|---|---|---|---|---|
| OUTDOOR | | | MOX330U-18HFN8-Q(GA) | MOX430U-24HFN8-Q(GA) | MOD30U-36HFN8-Q(GA) | MOD30U-42HFN8-Q(GA) |
| Nominal Cooling Capacity (min-max) | | kW | 5.28(2.90-5.59) | 7.03 (3.22-8.21) | 10.55 (4.04-12.02) | 12.31 (2.58-13.7) |
| Nominal Heating Capacity (min-max) | | kW | 5.57(2.37-6.10) | 7.62 (2.81-8.94) | 11.14 (2.78-12.30) | 13.48 (3.37-14.07) |
| UK Total Cooling Capacity | | kW | 5.3 | 7.78 | 11.39 | 12.13 |
| Seasonal Efficiency SEER/Class | | W/W | 6.3/A++ | 6.2A++ | 6.7/A++ | 6.1/A++ |
| Seasonal Efficiency SCOP/Class | | W/W | 4/A+ | 4/A+ | 4/A+ | 4/A+ |
| Power supply (indoor power via outdoor) | | V- Ph-Hz | 220-240-1-50 | 220-240-1-50 | 220-240-1-50 | 220-240-1-50 |
| Cooling Current (min-max) | | A | 7.2(3.2-9.2) | 10.2 (4.2-12) | 17.5 (4.2-18.5) | 18.8 (3.1-19.1) |
| Heating Current (min-max) | | A | 6.8(3.1-8.5) | 7.62 (2.81-8.94) | 11.14 (2.78-12.30) | 13.48 (3.37-14.07) |
| Max.Current | | A | 13.5 | 19 | 22.5 | 22.5 |
| Recommended Fuse Size (Outdoor) | | A | 16 | 20 | 32 | 32 |
| Interconnecting/Indoor Power Wiring | | No. | 4 Core 1mm² | 4 Core 1mm² | 4 Core 1mm² | 4 Core 1mm² |
| Indoor Air Flow (High to Low) | | m3/h | 1300/1140/1000 | 1300/1140/1000 | 1700/1550/1380 | 1900/1750/1600 |
| Indoor Sound Pressure Level (High to Low) | | dB(A) | 45.5/42.5/39.5/27 | 45.5/42.5/39.5/27 | 50/47.5/44.5/39 | 51/48.5/46/38 |
| Indoor unit | Dimensions (WxDxH) (body) | mm | 830x830x205 | 830x830x205 | 830x830x245 | 830x830x287 |
| | Packing (WxDxH) (body) | mm | 910x910x250 | 910x910x250 | 910x910x290 | 910x910x330 |
| | Dimensions (WxDxH) (panel) | mm | 950x950x55 | 950x950x55 | 950x950x55 | 950x950x55 |
| | Packing (WxDxH) (panel) | mm | 1035x1035x90 | 1035x1035x90 | 1035x1035x90 | 1035x1035x90 |
| | Net/Gross Weight (body) | Kg | 21.6/25.4 | 21.6/25.4 | 27.2/31.2 | 29.3/33.5 |
| | Net/Gross Weight (panel) | Kg | 6/9 | 6/9 | 6/9 | 6/9 |
| Drainage water pipe dia. | | mm | ODΦ025 | ODΦ25 | ODΦ25 | ODΦ25 |
| Outdoor air flow | | m3/h | 2100 | 3500 | 4000 | 4000 |
| Outdoor Sound Pressure Level | | dB(A) | 53 | 57 | 60 | 60 |
| Outdoor unit | Dimensions (WxDxH) | mm | 805x330x554 | 890x342x673 | 946x410x810 | 946x410x810 |
| | Packing (WxDxH) | mm | 915x370x615 | 995x398x740 | 1090x500x885 | 1090x500x885 |
| | Net/Gross Weight | Kg | 32.5/35.2 | 43.9/46.9 | 66.9/71.5 | 71.0/75.0 |
| Refrigerant | Type | | R32 | R32 | R32 | R32 |
| | GWP | | 675 | 675 | 675 | 675 |
| | Charged quantity | Kg | 1.15 | 1.5 | 2.4 | 2.8 |
| | Additional Charge | g/m | 12 | 24 | 24 | 24 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ6.35/Φ12.7(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52Φ15.9(3/8"/5/8") | Φ9.52/Φ15.9(3/8"/5/8") |
| | Max. pipe length | m | 30 | 50 | 75 | 75 |
| | Max. height difference | m | 20 | 25 | 30 | 30 |
| Operating temperature | Indoor (Cooling/ Heating) | °C | 16-32/0-30 | 16-32/0-30 | 16-32/0-30 | 16-32/0-30 |
| | Outdoor (Cooling/ Heating) | °C | -15-50/-15-25 | -15-50/-15-24 | -15-50/-15-24 | -15-50/-15-24 |

Midea

# SPLIT SYSTEMS

## BREEZELESS+ ROUNDFLOW CASSETTE

| INDOOR | | | MCD1-36HRFN8(GA) | MCD1-48HRFNX(GA) | MCD1-55HRFNX(GA) |
|---|---|---|---|---|---|
| OUTDOOR | | | MOD30U-36HFN8-R(GA) | MOE30U-48HFN8-R(GA) | MOE30U-55HFN8-R(GA) |
| Nominal Cooling Capacity (min-max) | | kW | 10.55 (4.04-12.02) | 14.07 (4.75-16.12) | 15.53 (5.28-18.46) |
| Nominal Heating Capacity (min-max) | | kW | 11.14 (2.78-12.30) | 16.12 (4.10-17.29) | 18.17 (4.40-19.93) |
| UK Total Cooling Capacity | | kW | 11.39 | 15.28 | 17.22 |
| Seasonal Efficiency SEER/Class | | W/W | 6.3/A++ | 6.1/A++ | 6.3/A++ |
| Seasonal Efficiency SCOP/Class | | W/W | 3.9/A | 4/A+ | 4/A+ |
| Power supply (indoor power via outdoor) | | V- Ph-Hz | 380-415-3-50 | 380-415-3-50 | 380-415-3-50 |
| Cooling Current (min-max) | | A | 6.5 (1.4-6.5) | 8.1 (1.8-10.2) | 8.6 (2.1-10.7) |
| Heating Current (min-max) | | A | 5.0 (1.3-6.4) | 8.0 (1.9-9.5) | 9.6 (2.1-10.7) |
| Max.Current | | A | 10 | 13 | 14 |
| Recommended Fuse Size (Outdoor) | | A | 16 | 16 | 16 |
| Interconnecting/Indoor Power Wiring | | No. | 4 Core 1mm$^2$ | 4 Core 1mm$^2$ | 4 Core 1mm$^2$ |
| Indoor Air Flow (High to Low) | | m3/h | 1800/1600/1400 | 1970/1780/1580 | 2000/1850/1650 |
| Indoor Sound Pressure Level (High to Low) | | dB(A) | 50/47.5/44.5/39 | 51/48.5/46.5/37.5 | 53/50.5/48/40 |
| Indoor unit | Dimensions (WxDxH) (body) | mm | 830x830x245 | 830x830x287 | 830x830x287 |
| | Packing (WxDxH) (body) | mm | 910x910x290 | 910x910x330 | 910x910x330 |
| | Dimensions (WxDxH) (panel) | mm | 950x950x55 | 950x950x55 | 950x950x55 |
| | Packing (WxDxH) (panel) | mm | 1035x1035x90 | 1035x1035x90 | 1035x1035x90 |
| | Net/Gross Weight (body) | Kg | 27.2/31.2 | 29.3/33.5 | 29.3/33.5 |
| | Net/Gross Weight (panel) | Kg | 6/9 | 6/9 | 6/9 |
| Drainage water pipe dia. | | mm | OD$\Phi$25 | OD$\Phi$25 | OD$\Phi$25 |
| Outdoor air flow | | m3/h | 4000 | 7500 | 7500 |
| Outdoor sound pressure level | | dB(A) | 60 | 61 | 61 |
| Outdoor unit | Dimensions (WxDxH) | mm | 946x410x810 | 952x415x1333 | 952x415x1333 |
| | Packing (WxDxH) | mm | 1090x500x885 | 1095x495x1480 | 1095x495x1480 |
| | Net/Gross Weight | Kg | 80.5/85 | 103.7/118.3 | 107.0/121.2 |
| Refrigerant | Type | | R32 | R32 | R32 |
| | GWP | | 675 | 675 | 675 |
| | Charged quantity | Kg | 2.4 | 2.9 | 3.0 |
| | Additional Charge | g/m | 24 | 24 | 24 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | $\Phi$9.52/$\Phi$15.9(3/8"/5/8") | $\Phi$9.52/$\Phi$15.9(3/8"/5/8") | $\Phi$9.52/$\Phi$15.9(3/8"/5/8") |
| | Max. pipe length | m | 75 | 75 | 75 |
| | Max. height difference | m | 30 | 30 | 30 |
| Operating temperature | Indoor (Cooling/ Heating) | °C | 16-32/0-30 | 16-32/0-30 | 16-32/0-30 |
| | Outdoor (Cooling/ Heating) | °C | -15-50/-15-24 | -15-50/-15-24 | -15-50/-15-24 |

Nominal Conditions: Cooling; indoor 27°C DB, 19°C WB, outdoor 35°C DB, 24°C WB.
Nominal Conditions: Heating; indoor 20°C DB, outdoor 7°C DB, 6°C WB.

UK Conditions: Summer: indoor 21°C DB, 15°C WB, outdoor 27°C DB.
Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions

WWW.MIDEAUK.CO.UK

MANCHESTER CITY
Midea
OFFICIAL PARTNER
GAME CHANGING HVAC