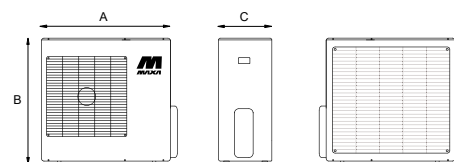


Outdoor Unit

Multisplit DC inverter from 2 to 5 internal units

4,1 kW ÷ 12,3 kW

MULTISPLIT



| | | EXT2M42R | EXT2M53R | EXT3M53R | EXT3M62R | EXT3M80R1 | EXT4M82R | EXT4M105R | EXT5M120R |
|---|------------|-----------------|-------------|-------------|-------------|-------------|----------------------------------|----------------------------------|----------------------------------|
| Cooling capacity | kW | 4,10 | 5,27 | 5,27 | 6,29 | 7,91 | 8,18 | 10,54 | 12,30 |
| | BTU/h | 14.000 | 18.000 | 18.000 | 21.000 | 27.000 | 28.000 | 36.000 | 42.000 |
| Power input | kW | 1,27 | 1,63 | 1,40 | 1,95 | 2,45 | 2,55 | 3,81 | 3,81 |
| Absorbed current | A | 5,52 | 7,10 | 6,20 | 9,00 | 13,70 | 11,00 | 15,00 | 16,00 |
| S.E.E.R. | | 5,6 - A+ | 6,1 - A++ | 6,1 - A++ | 6,1 - A++ | 6,1 - A++ | 6,1 - A++ | 6,2 - A++ | 6,1 - A++ |
| Heating capacity | kW | 4,39 | 5,56 | 5,27 | 6,44 | 8,20 | 8,79 | 10,84 | 12,30 |
| | BTU/h | 15.000 | 19.000 | 18.000 | 22.000 | 28.000 | 30.000 | 37.000 | 42.000 |
| Power input | kW | 1,18 | 1,39 | 1,30 | 1,78 | 2,10 | 2,05 | 2,76 | 3,30 |
| Absorbed current | A | 5,15 | 6,1 | 5,9 | 8,5 | 12,5 | 9,0 | 12,1 | 14,6 |
| S.C.O.P. Average | | 3,8 - A | 3,8 - A+ | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ | 3,8 - A | 3,8 - A | 3,5 - A |
| S.C.O.P. Warmer | | 4,6 - A++ | 5,1 - A+++ | 5,1 - A+++ | 4,8 - A++ | 5,1 - A+++ | 4,6 - A++ | 5,2 - A+++ | 5,1 - A+++ |
| Max indoor units | | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 |
| Compressor | | Rotary Inverter | | | | | | | |
| Power supply | V~, Ph, Hz | 230, 1, 50 | | | | | | | |
| Air flow | m³/h | 2200 | 2100 | 2100 | 3000 | 3000 | 3800 | 4000 | 3850 |
| Sound power | dB(A) | 64 | 65 | 65 | 65 | 67 | 67 | 67 | 69 |
| Outdoor temp. * | °C (coo) | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 |
| | °C (hea) | -15 / +24 | -15 / +24 | -15 / +24 | -15 / +24 | -15 / +24 | -15 / +24 | -15 / +24 | -15 / +24 |
| Refrigerant q.ty | R32/g | 1100 | 1250 | 1500 | 1500 | 1720 | 2100 | 2100 | 2900 |
| Additional charge | g/m | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Max. length with standard load | m | 15 | 15 | 15 | 22,5 | 22,5 | 30 | 30 | 37,5 |
| Max length for all indoor units | m | 40 | 40 | 60 | 60 | 60 | 80 | 80 | 80 |
| Max length for each unit | m | 25 | 25 | 30 | 30 | 30 | 35 | 35 | 35 |
| Max difference between inside and outside | m | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Diff. in level between indoor units | m | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Gas pipe (1) | mm / inch | Φ9,53(3/8") | Φ9,53(3/8") | Φ9,53(3/8") | Φ9,53(3/8") | Φ9,53(3/8") | Φ3x9,53+1x12,7 3x3/8"+1 x1/2" | Φ3x9,53+1x12,7 3x3/8"+1 x1/2" | Φ4x9,53+1x12,7 3x3/8"+1 x1/2" |
| Liquid pipe | mm / inch | Φ6,35(1/4") | Φ6,35(1/4") | Φ6,35(1/4") | Φ6,35(1/4") | Φ6,35(1/4") | 4x Φ6,35 4x1/4" | 4x Φ6,35 4x1/4" | 4x Φ6,35 5x1/4" |
| Dimensions AxBxC | mm | 800x554x333 | 800x554x333 | 805x554x333 | 845x702x363 | 845x702x363 | 946x810x410 | 946x810x410 | 946x810x410 |
| Kg | kg | 31,8 | 35,5 | 36,2 | 46,8 | 51,1 | 62,1 | 68,8 | 74,1 |

* Operating limits

(1) Please refer to the table of indoor units for the piping section

For the consumption of the system refer to the label of the outdoor

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Duct

Ductable internal unit with DC fan, Wi-Fi

2,6 kW÷5,3 kW



MULTISPLIT



Airset-C wired remote control with WiFi as standard



ESP Settings



Auto Mode - Automatic season change



Condensate drain pump h max. 75 cm



Alarm signalling contact



Predisposition renewal air intake



Activation contact for renewal air



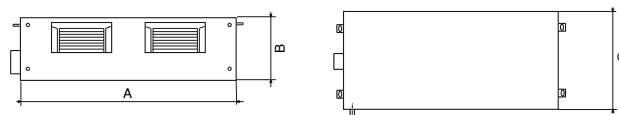
Remote on/off input

Perfect Adaptability

Thanks to the DC technology applied to the fan motors, it is possible to adapt the useful static pressure required for each system using different control curves.

Global Control

The ductable series units are equipped as standard with the AIRSET-C wired remote control, which allows global control over every function of the ductable unit and enables it to be connected via a WiFi network.



| | | DUCT26R1 | DUCT35R1 | DUCT53R1 |
|----------------------|------------|-------------|-------------|-----------------|
| Cooling capacity | kW | 2,63 | 3,51 | 5,27 |
| | BTU/h | 9.000 | 12.000 | 18.000 |
| Absorbed current * | A | 1,10 | 4,75 | 7,1 |
| Heating capacity | kW | 2,93 | 3,81 | 5,57 |
| | BTU/h | 10.000 | 13.000 | 19.000 |
| Absorbed current * | A | 1,10 | 4,52 | 6,8 |
| Power supply | V~, Ph, Hz | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 |
| Air flow | m³/h | 500/340/230 | 600/480/300 | 911/706.3/515.2 |
| Ext. Static pressure | Pa | 0 - 40 | 0 - 60 | 0 - 100 |
| Sound pressure | dB(A) | 34,5/32/30 | 42/39/35 | 49/46/41 |
| Gas pipe | mm / inch | Φ9.53(3/8") | Φ9.53(3/8") | Φ12,7(1/2") |
| Liquid pipe | mm / inch | Φ6.35(1/4") | Φ6.35(1/4") | Φ6.35(1/4") |
| Dimensions AxBxC | mm | 700x200x450 | 700x200x506 | 880x210x674 |
| Kg | kg | 18 | 17,8 | 24,4 |

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)

For the consumption of the system refer to the label of the outdoor

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Duct

Ductable internal unit with DC fan, Wi-Fi - Total-One

2,1 kW ÷ 5,3 kW



MULTISPLIT



Airset-C wired remote control with WiFi as standard



ESP Settings



Free installation both vertical and horizontal



Condensate drain pump h max. 75 cm



Alarm signalling contact



Predisposition renewal air intake



Activation contact for renewal air



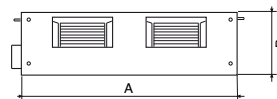
Remote on/off input

Perfect Adaptability

Thanks to the DC technology applied to the fan motors, it is possible to adapt the useful static pressure required for each system using different control curves.

Global Control

The ductable series units are equipped as standard with the AIRSET-C wired remote control, which allows global control over every function of the ductable unit and enables it to be connected via a WiFi network.



| | | DUCT20R2 | DUCT26R2 | DUCT35R2 | DUCT53R2 |
|----------------------|------------|-------------|-------------|-------------|-------------|
| Cooling capacity | kW | 2,05 | 2,63 | 3,51 | 5,27 |
| | BTU/h | 7.000 | 9.000 | 12.000 | 18.000 |
| Absorbed current * | A | 1 | 1 | 1 | 0,66 |
| Heating capacity | kW | 2,34 | 2,93 | 3,81 | 6,00 |
| | BTU/h | 8.000 | 10.000 | 13.000 | 20.500 |
| Absorbed current * | V~, Ph, Hz | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 |
| Power supply | m³/h | 620/540/450 | 620/540/450 | 660/570/470 | 900/780/650 |
| Air flow | Pa | 25 | 25 | 25 | 25 |
| Ext. Static pressure | Pa | 0 - 80 | 0 - 80 | 0 - 100 | 0 - 160 |
| Sound pressure | dB(A) | 54 | 54 | 52 | 53 |
| Gas pipe | mm / inch | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") | Φ12.7(1/2") |
| Liquid pipe | mm / inch | Φ6.35(1/4") | Φ6.35(1/4") | Φ6.35(1/4") | Φ6.35(1/4") |
| Dimensions AxBxC | mm | 700x200x506 | 700x200x506 | 700x200x506 | 700x245x750 |
| Kg | kg | 16,6 | 16,6 | 16,6 | 24,4 |

(* Value referred to the sum of the absorptions external unit + internal unit (separate supplies)

For the consumption of the system refer to the label of the outdoor

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.

Outdoor Unit

Commercial Monosplit DC inverter

2,6 kW÷5,3 kW

COMMERCIAL



NEW

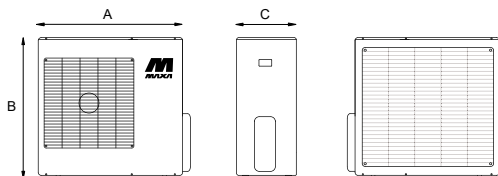
NEW

| | | UECS35R | UECS53R | UECS71R2 | UECS105R-1 | UECS105R | UECS130R2 | UECS176R |
|-------------------|------------|-----------------|-------------|-------------|-------------|-------------|-------------|---------------|
| Cooling capacity | kW | 3,51 | 5,27 | 7,09 | 10,55 | 10,54 | 14,07 | 16,11 |
| | BTU/h | 12.000 | 18.000 | 24.200 | 36.000 | 36.000 | 48.000 | 55.000 |
| Heating capacity | kW | 3,80 | 5,56 | 8,0 | 11,72 | 11,72 | 16,12 | 18,17 |
| | BTU/h | 13.000 | 19.000 | 27.200 | 40.000 | 40.000 | 55.000 | 62.000 |
| Compressor | | Rotary Inverter | | | | | | |
| Power supply | V~, Ph, Hz | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 380, 3, 50 | 380, 3, 50 | 380, 3, 50 |
| Air flow | m³/h | 2.200 | 2.100 | 3.500 | 4.000 | 4.000 | 5.600 | 7.500 |
| Sound power | dB(A) | 53,6 | 59 | 60 | 63 | 63 | 63,5 | 64 |
| (1) Outdoor temp. | °C (coo) | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 | -15 / +50 |
| | °C (hea) | -15 / +24 | -15 / +24 | -20 / +24 | -15 / +24 | -15 / +24 | -20 / +24 | -15 / +24 |
| Piping lenght | m | 25 | 30 | 50 | 75 | 75 | 75 | 75 |
| Diff. in level | m | 10 | 20 | 25 | 30 | 30 | 30 | 30 |
| Refrigerant q.ty | R32/g | 710 | 1150 | 1400 | 2400 | 2400 | 2900 | 3000 |
| Gas pipe * | mm / inch | Φ9.53(3/8") | Φ12.7(1/2") | Φ15.9(5/8") | Φ15.9(5/8") | Φ15.9(5/8") | Φ15.9(5/8") | Φ15.9(5/8") |
| Liquid pipe | mm / inch | Φ6.35(1/4") | Φ6.35(1/4") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") |
| Dimensions AxBxC | mm | 765x555x303 | 805x554x330 | 890x673x342 | 946x810x410 | 946x810x410 | 980x975x415 | 952x1.333x415 |
| Kg | kg | 26,6 | 32,5 | 41,9 | 80,5 | 66,9 | 90 | 107 |

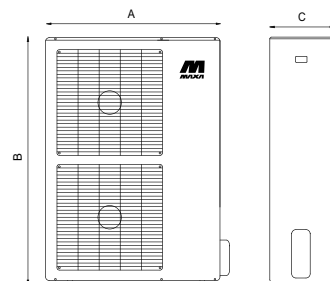
* Please refer to the table of indoor units for the piping section

(1) Operating limits

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.



UECS35R, UECS53R, UECS71R2, UECS105R-1, UECS105R, UECS130R2



UECS176R

Duct

Ductable internal unit with DC fan, Wi-Fi

2,6 kW±5,3 kW



COMMERCIAL



Airset-C wired remote control with WiFi as standard



ESP Settings



Auto Mode - Automatic season change



Condensate drain pump h max. 75 cm



Alarm signalling contact



Predisposition renewal air intake



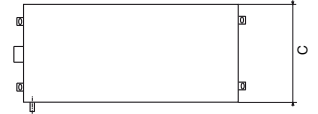
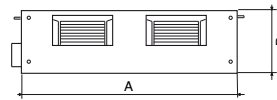
Activation contact for renewal air



Remote on/off input



Compatible TWIN configuration



| | | DUCT35R1 | DUCT53R1 | DUCT71R2 | DUCT105R1 ⁽¹⁾ | DUCT105R1 | DUCT130R1 | DUCT176R1 |
|--------------------------|------------|-------------|-----------------|-----------------|--------------------------|----------------|----------------|----------------|
| Nominal cooling capacity | kW | 3,51 | 5,27 | 7,03 | 10,55 | 10,55 | 14,07 | 15,24 |
| | BTU/h | 12,000 | 18.000 | 24.000 | 36.000 | 36.000 | 48.000 | 52.000 |
| Power input * | kW | 1,05 | 1,53 | 2,19 | 3,95 | 4,0 | 4,8 | 5,2 |
| Absorbed current * | A | 4,75 | 7,1 | 10,20 | 17,50 | 6,50 | 8,40 | 9,60 |
| S.E.E.R. | | 6,3 - A++ | 6,5 - A++ | 6,2 - A++ | 6,2 - A++ | 6,1 - A++ | 6,1 - A++ | 6,1 - A++ |
| Heating capacity | kW | 3,81 | 5,57 | 7,62 | 11,72 | 11,72 | 16,12 | 18,17 |
| | BTU/h | 13,000 | 19.000 | 26.000 | 40.000 | 38.360 | 51.280 | 57.430 |
| Power input * | kW | 1,03 | 1,51 | 1,90 | 3,25 | 3,25 | 4,50 | 5,15 |
| Absorbed current * | A | 4,52 | 6,8 | 9,2 | 14,5 | 5,3 | 8,0 | 9,5 |
| S.C.O.P. Average | | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ | 4,0 - A+ |
| S.C.O.P. Warmer | | 5,1 - A+++ | 5,1 - A+++ | 5,1 - A+++ | 5,1 - A+++ | 5,1 - A+++ | 5,0 - A++ | 5,1 - A+++ |
| Indoor unit power supply | V~, Ph, Hz | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 | 230, 1, 50 |
| Air flow | m³/h | 600/480/300 | 911/706.3/515.2 | 1229/1035/825.1 | 2100/1800/1500 | 2100/1800/1500 | 2400/2040/1680 | 2600/2210/1820 |
| (1) Ext. Static pressure | Pa | 0 - 60 | 0 - 100 | 0-160 | 0-160 | 0-160 | 0-160 | 0-160 |
| Sound pressure | dB(A) | 34,5/32/30 | 42/39/35 | 49/46/41 | 50/49/47 | 50/49/47 | 51,5/49/47 | 52,5/49/47 |
| Piping lenght | m | ≤ 25 | ≤ 30 | ≤ 50 | ≤ 75 | ≤ 75 | ≤ 75 | ≤ 75 |
| Diff. in level | m | ≤ 10 | ≤ 20 | ≤ 25 | ≤ 30 | ≤ 30 | ≤ 30 | ≤ 30 |
| Gas pipe | mm / inch | Φ9.53(3/8") | Φ12,7(1/2") | Φ15,9(5/8") | Φ15,9(5/8") | Φ15,9(5/8") | Φ15,9(5/8") | Φ15,9(5/8") |
| Liquid pipe | mm / inch | Φ6.35(1/4") | Φ6.35(1/4") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") | Φ9.53(3/8") |
| Dimensions AxBxC | mm | 700x200x506 | 880x210x674 | 1.100x249x774 | 1.360x249x774 | 1.360x249x774 | 1.200x300x874 | 1.200x300x874 |
| Kg | kg | 17,8 | 24,4 | 32,3 | 40,5 | 40,5 | 47,6 | 47,4 |

(*) Value referred to the sum of the absorptions external unit + internal unit (separate supplies)

(1) Combined with single-phase outdoor unit

(1) Value at nominal air capacity, considering only the pressure drop caused by the coil

Cooling test conditions: in 27°C d.b. / 19,5°C w.b. - out 35°C d.b. / 24°C w.b. - Heating test conditions: in 20°C d.b. - out 7°C d.b. / 6°C w.b.