



The ultimate  
*Cooling Comfort*  
from scorching heat



**Cassette Air Conditioner**



**Tower Air Conditioner**

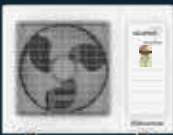
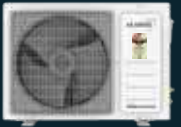


**High Static Ductable  
Air Conditioner**



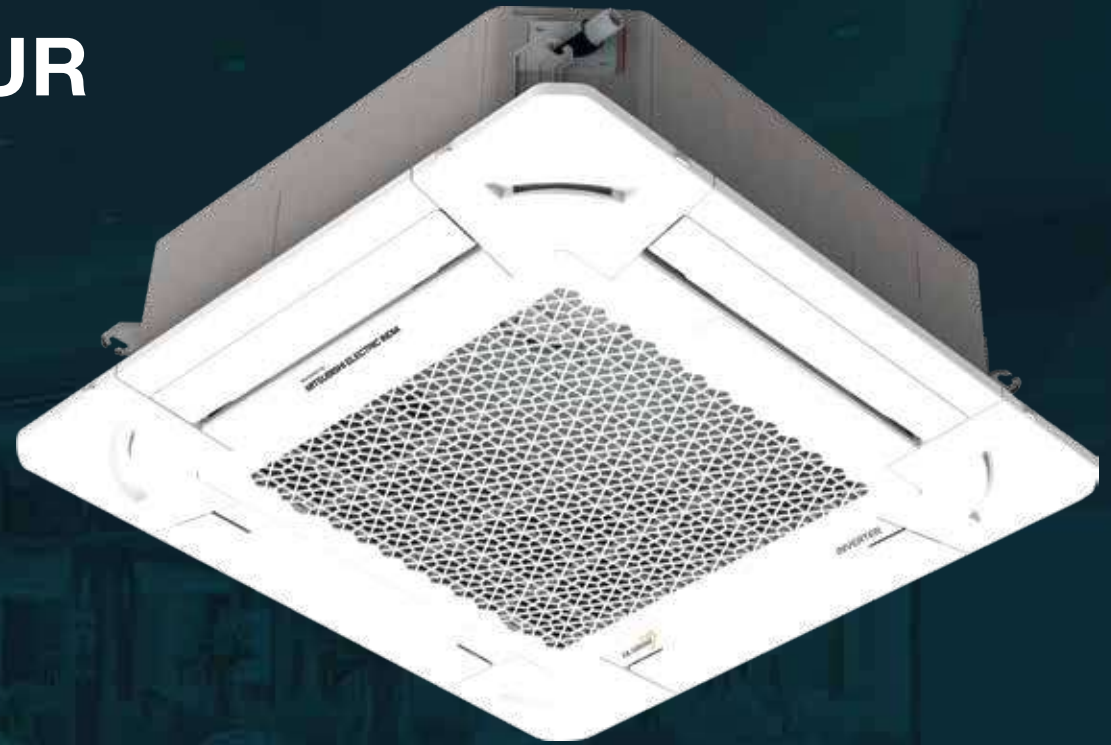
**Medium Static Ductable  
Air Conditioner**

# AKABISHI CASSETTE TYPE

|                                                                                    |                                            |                                                                                                   |                                                                                                    |                                                                                                     |                                                                                                     |                                                                                       |
|------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   | <b>Ceiling-Cassette<br/>(Inverter)</b>     | <br>CFAY-18EV4G  | <br>CFAY-24EV4G  | <br>CFAY-36EV4G  | <br>CFAY-48EV3G  |    |
| <b>Outdoor Unit<br/>(Inverter)</b>                                                 |                                            |                  |                  |                  |                  |                                                                                       |
|  | <b>Ceiling-Cassette<br/>(Non-Inverter)</b> | <br>CFAM-18EV3G | <br>CFAM-24EV3G | <br>CFAM-36EV2G | <br>CFAM-48EP1G |  |
| <b>Outdoor Unit<br/>(Non - Inverter)</b>                                           |                                            |                |                |                |                |                                                                                       |

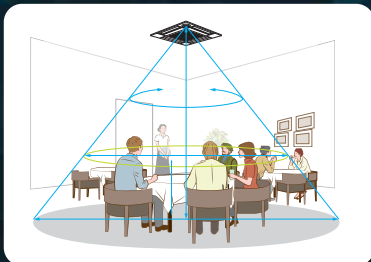
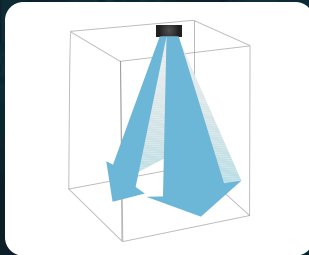
# SUPERIOR COOLING PERFECTION WITH OUR HIGH-END DESIGN!

The design is characterized by its compactness, modernity and flat panel layout.

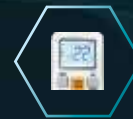


**POWERFUL AIRFLOW**

**WIDE FLAP**



**360° COMFORTABLE  
AIRFLOW**



LED Back  
Light



Power Saver  
Compressor



Blue  
Fin



Programmable  
Timer

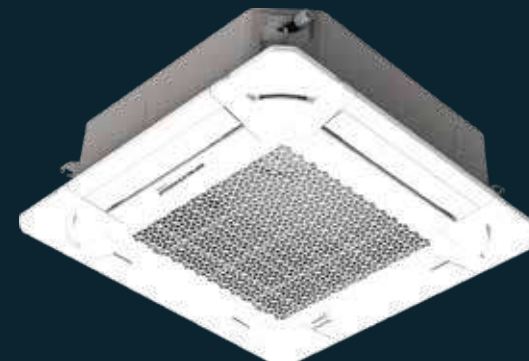


100%  
Copper



Auto  
Swing

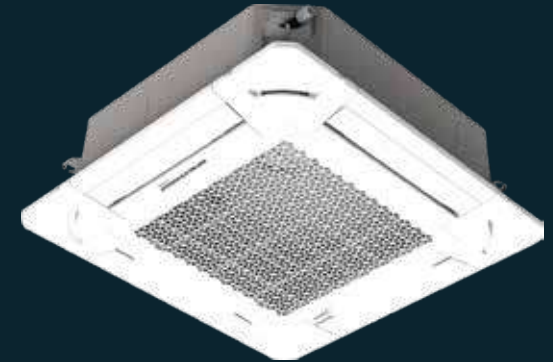
# CASSETTE - INVERTER SPECIFICATION



| TYPE                             |                         | COOLING ONLY-INVERTER |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|----------------------------------|-------------------------|-----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model Number                     |                         |                       | CFAY-18EV4G                                                                         | CFAY-24EV4G                                                                           | CFAY-36EV4G                                                                           | CFAY-48EV3G                                                                           |
|                                  |                         | Unit                  | CFBY-18EV4G                                                                         | CFBY-24EV4G                                                                           | CFBY-36EV4G                                                                           | CFBY-48EV3G                                                                           |
| Performance                      | Capacity Full Load      | TR                    | 1.5                                                                                 | 1.8                                                                                   | 3.0                                                                                   | 4.0                                                                                   |
|                                  |                         | W                     | 5450                                                                                | 6200                                                                                  | 10600                                                                                 | 13200                                                                                 |
|                                  | Power Full Load         | W                     | 1540                                                                                | 1745                                                                                  | 3400                                                                                  | 4575                                                                                  |
|                                  | ISEER                   |                       | 4.60                                                                                | 4.60                                                                                  | 3.75                                                                                  | 3.55                                                                                  |
| Electrical Data                  | Voltage                 | V/Phase/Freq          | 230/1PH/50Hz                                                                        | 230/1PH/50Hz                                                                          | 230/1PH/50Hz                                                                          | 230/1PH/50Hz                                                                          |
|                                  | Supply From             |                       | Outdoor Driven                                                                      | Outdoor Driven                                                                        | Outdoor Driven                                                                        | Outdoor Driven with RS - 485 Communication                                            |
| Evaporator                       | Fin colour              |                       | Blue                                                                                | Blue                                                                                  | Blue                                                                                  | Blue                                                                                  |
| Indoor Air Flow                  |                         | CMH                   | 1220 (High)                                                                         | 1280 (High)                                                                           | 2180 (Turbo)                                                                          | 2180 (Turbo)                                                                          |
| Indoor Noise(H/M/L)              |                         | dBA                   | 44/42/41                                                                            | 45/43/41                                                                              | 52/50/48                                                                              | 52/50/48                                                                              |
| IDU Dimension                    | Net Dim(DxWxH)          | mm                    | 845x845x245                                                                         | 845x845x245                                                                           | 845x845x290                                                                           | 845x845x290                                                                           |
|                                  | Packing Dim(DxWxH)      | mm                    | 950x950x328                                                                         | 950x950x328                                                                           | 950x950x373                                                                           | 950x950x373                                                                           |
|                                  | Net / Gross Weight      | Kg                    | 23/29                                                                               | 24/30.5                                                                               | 26/32                                                                                 | 26/32                                                                                 |
| Outdoor Noise Level Rated        |                         | dBA                   | 57                                                                                  | 58                                                                                    | 60                                                                                    | 65                                                                                    |
| Condenser                        | Fin colour              |                       | Blue                                                                                | Blue                                                                                  | Blue                                                                                  | Blue                                                                                  |
| ODU Dimension                    | Net Dim(DxWxH)          | mm                    | 281x781x555                                                                         | 281x781x555                                                                           | 310x850x684                                                                           | 380X1030X790                                                                          |
|                                  | Packing Dim(DxWxH)      | mm                    | 395x925x605                                                                         | 395x925x605                                                                           | 450x1032x755                                                                          | 470X1090X933                                                                          |
|                                  | Net / Gross Weight      | Kg                    | 26.5/28.5                                                                           | 28/30                                                                                 | 42/47                                                                                 | 64/68                                                                                 |
| Refrigerant Type                 |                         |                       | R-32                                                                                | R-32                                                                                  | R-32                                                                                  | R-32                                                                                  |
| Connecting Pipe                  | Liquid and Gas Side Dia | Dia                   | 1/4", 1/2"                                                                          | 1/4", 5/8"                                                                            | 3/8", 5/8"                                                                            | 3/8", 5/8"                                                                            |
|                                  | Maximum Length          | m                     | 25m                                                                                 | 25m                                                                                   | 30m                                                                                   | 30m                                                                                   |
|                                  | Maximum Elevation       | m                     | 15m                                                                                 | 15m                                                                                   | 15m                                                                                   | 15m                                                                                   |
| Ambient Operating Range          |                         | °C                    | 48                                                                                  | 48                                                                                    | 48                                                                                    | 48                                                                                    |
| Front Grill                      | Net Dim(DxWxH)          | mm                    | 950x950x52                                                                          | 950x950x52                                                                            | 950x950x52                                                                            | 950x950x52                                                                            |
|                                  | Packing Dim(DxWxH)      | mm                    | 1010x1034x118                                                                       | 1010x1034x118                                                                         | 1010x1034x118                                                                         | 1010x1034x118                                                                         |
|                                  | Net / Gross Weight      | Kg                    | 5.5/8.0                                                                             | 5.5/8.0                                                                               | 5.5/8.0                                                                               | 5.5/8.0                                                                               |
| Star Rating (Existing BEE Table) |                         |                       |  |  |  |  |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

# CASSETTE - NON INVERTER SPECIFICATION



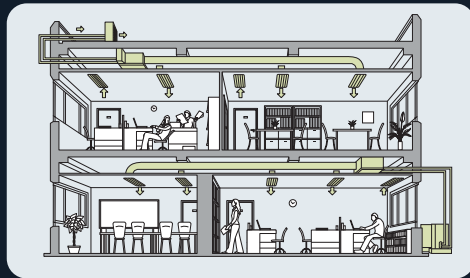
| TYPE                             |                         | COOLING ONLY-NON INVERTER |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|----------------------------------|-------------------------|---------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model Number                     |                         |                           | CFAM-18EV3G                                                                         | CFAM-24EV3G                                                                           | CFAM-36EV2G                                                                           | CFAM-48EP1G                                                                           |
|                                  |                         | Unit                      | CFBM-18EV3G                                                                         | CFBM-24EV3G                                                                           | CFBM-36EV2G                                                                           | CFBM-48EP1G                                                                           |
| Performance                      | Capacity Full Load      | TR                        | 1.5                                                                                 | 1.8                                                                                   | 3.0                                                                                   | 4.0                                                                                   |
|                                  |                         | W                         | 5100                                                                                | 6200                                                                                  | 10600                                                                                 | 13200                                                                                 |
|                                  | Power Consumption       | W                         | 1325                                                                                | 1610                                                                                  | 3354                                                                                  | 4475                                                                                  |
|                                  |                         | ISEER                     | 3.85                                                                                | 3.85                                                                                  | 3.16                                                                                  | 2.95                                                                                  |
| Electrical Data                  | Voltage                 | V/Phase/Freq              | 230/1PH/50Hz                                                                        | 230/1PH/50Hz                                                                          | 230/1PH/50Hz                                                                          | 415/3PH/50Hz                                                                          |
|                                  | Supply From             |                           | Outdoor Driven                                                                      | Outdoor Driven                                                                        | Outdoor Driven                                                                        | Outdoor Driven with RS - 485 Communication                                            |
| Evaporator                       | Fin colour              |                           | Blue                                                                                | Blue                                                                                  | Blue                                                                                  | Blue                                                                                  |
| Indoor Air Flow                  |                         | CMH                       | 1300 (High)                                                                         | 1350 (High)                                                                           | 2180 (Turbo)                                                                          | 2180 (Turbo)                                                                          |
| Indoor Noise(H/M/L)              |                         | dBA                       | 46/44/43                                                                            | 47/44/43                                                                              | 53/52/49                                                                              | 53/52/49                                                                              |
| IDU Dimension                    | Net Dim(DxWxH)          | mm                        | 845x845x245                                                                         | 845x845x245                                                                           | 845x845x290                                                                           | 845x845x290                                                                           |
|                                  | Packing Dim(DxWxH)      | mm                        | 950x950x328                                                                         | 950x950x328                                                                           | 950x950x373                                                                           | 950x950x373                                                                           |
|                                  | Net / Gross Weight      | Kg                        | 23/29                                                                               | 24/30.5                                                                               | 26/32                                                                                 | 26/32                                                                                 |
| Outdoor Noise Level Rated        |                         | dBA                       | 55                                                                                  | 60                                                                                    | 64                                                                                    | 65                                                                                    |
| Condenser                        | Fin colour              |                           | Blue                                                                                | Blue                                                                                  | Blue                                                                                  | Blue                                                                                  |
| ODU Dimension                    | Net Dim(DxWxH)          | mm                        | 301x810x594                                                                         | 310x850x684                                                                           | 328x928x755                                                                           | 383X1032X872                                                                          |
|                                  | Packing Dim(DxWxH)      | mm                        | 415x935x665                                                                         | 450x1032x755                                                                          | 450x1075x820                                                                          | 470X1126X995                                                                          |
|                                  | Net / Gross Weight      | Kg                        | 38.5/42                                                                             | 44/48.5                                                                               | 58/64                                                                                 | 80/84                                                                                 |
| Refrigerant Type                 |                         |                           | R-32                                                                                | R-32                                                                                  | R-32                                                                                  | R-32                                                                                  |
| Connecting Pipe                  | Liquid and Gas Side Dia | Dia                       | 1/4", 1/2"                                                                          | 1/4", 5/8"                                                                            | 3/8", 5/8"                                                                            | 3/8", 5/8"                                                                            |
|                                  | Maximum Length          | m                         | 25m                                                                                 | 25m                                                                                   | 30m                                                                                   | 30m                                                                                   |
|                                  | Maximum Elevation       | m                         | 15m                                                                                 | 15m                                                                                   | 15m                                                                                   | 15m                                                                                   |
| Ambient Operating Range          |                         | °C                        | 48                                                                                  | 48                                                                                    | 48                                                                                    | 48                                                                                    |
| Front Grill                      | Net Dim(DxWxH)          | mm                        | 950x950x52                                                                          | 950x950x52                                                                            | 950x950x52                                                                            | 950x950x52                                                                            |
|                                  | Packing Dim(DxWxH)      | mm                        | 1010x1034x118                                                                       | 1010x1034x118                                                                         | 1010x1034x118                                                                         | 1010x1034x118                                                                         |
|                                  | Net / Gross Weight      | Kg                        | 5.5/8.0                                                                             | 5.5/8.0                                                                               | 5.5/8.0                                                                               | 5.5/8.0                                                                               |
| Star Rating (Existing BEE Table) |                         |                           |  |  |  |  |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB



# DUCTABLE AIR CONDITIONER

The Breath of Fresh Comfort!



**FLEXIBLE DUCT  
DESIGN**



**REMOTE**



\*Subject to available



Self-diagnostic  
Function



Anti-rust



Auto  
Restart



Timer



100%  
Copper



Sleep  
Mode



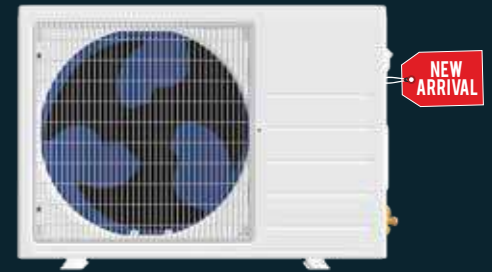
Air Filter

# HIGH STATIC DUCTABLE - NON INVERTER SPECIFICATION



| TYPE                     |                          | Unit       | INDOOR UNIT - NON INVERTER |                       |
|--------------------------|--------------------------|------------|----------------------------|-----------------------|
| Model Number             |                          |            | ADHAM-66AVR                | ADHAM-102AVR          |
| Rated Power supply       |                          | V-ph-Hz    | 230V-1 Ph - 50 Hz          | 230V-1 Ph - 50 Hz     |
| Cooling                  | Tonnage Category         | Tr         | 5.5                        | 8.5                   |
|                          | Nominal Cooling Capacity | W          | 19344                      | 29894                 |
|                          | Input Power              | W          | 8250                       | 11900                 |
| Blower & Housing         | Type of Blower           | Type       | DIDW/Forward Curve         | DIDW, Forward Curve   |
|                          | Blower Material          | Type       | Blower - Aluminum          | Aluminium             |
|                          | Housing material         | Type       | GI                         | GI                    |
|                          | No. of Blower            | Nos.       | 1 No.                      | 2 No.                 |
| Indoor coil              | Number of rows           | Nos.       | 3                          | 3                     |
|                          | Fin type                 | Type       | Hydrophilic aluminium      | Hydrophilic aluminium |
| Indoor Air Filter        |                          |            | PP Black Plain Mesh        | PP Black Plain Mesh   |
| Indoor Air Flow          |                          | CFM        | 3600                       | 6500                  |
| Indoor Static pressure   |                          | Pa         | 30                         | 30                    |
| Indoor unit              | NET Dimension(WxDxH)     | mm         | 1180x600x460               | 1660x650x450          |
|                          | GROSS Packing (WxDxH)    | mm         | 1350x650x500               | 1825X710X360          |
|                          | Net/Gross weight         | Kg         | 56/62                      | 87.7/92.4             |
| Drainage water pipe dia. |                          | mm         | OD - 27 mm                 | OD - 27 mm            |
| Refrigerant piping       | Liquid side              | Inch /Type | Ø 9.525 (3/8")             | Ø 12.7 (1/2")         |
|                          | Gas Side                 | Inch/Type  | Ø 22.225 (7/8")            | Ø 29.575 (9/8")       |
| Operation temperature    | Cooling                  |            | 48°C                       | 48°C                  |
| Remote Control           |                          | Type       | LED Wired Remote           | LED Wired Remote      |

# HIGH STATIC DUCTABLE - NON INVERTER SPECIFICATION



| TYPE                      |                   |           | OUTDOOR UNIT - NON INVERTER |                      |
|---------------------------|-------------------|-----------|-----------------------------|----------------------|
| Model Number              |                   |           | ADHBM-66APR                 | ADHBM-102APR         |
| Number of Outdoor         |                   | No.       | 1                           | 1                    |
| Power supply              |                   | V- Ph-Hz  | 380-415V, 3 Ph, 50Hz        | 380-415V, 3 Ph, 50Hz |
| Compressor                | Type              |           | DANFOSS                     | DANFOSS              |
| Outdoor coil              | Number of rows    | no.       | 3                           | 3                    |
| Outdoor unit              | Dimension (WxDxH) | mm        | 1090x480x870                | 1200x546x913         |
|                           | Packing (WxDxH)   | mm        | 1175x525x850                | 1290x595x900         |
| Refrigerant type/Quantity | Refrigerant       | Type      | R410                        | R410                 |
|                           | Charged volume    | gm        | 3100                        | 5300                 |
| Refrigerant piping        | Liquid side       | Inch/Type | Ø 9.525 (3/8")              | Ø 12.7 (1/2")        |
|                           | Gas Side          | Inch/Type | Ø 22.225 (7/8")             | Ø 29.575 (9/8")      |
|                           | Max. pipe length  | m         | 50                          | 50                   |
|                           | Maximum Elevation | m         | 20                          | 20                   |



# HIGH STATIC DUCTABLE - NON INVERTER SPECIFICATION



| INDOOR UNIT - NON INVERTER |                          |            |                         |                         |                         |                         |
|----------------------------|--------------------------|------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Model Number               |                          |            | DHAM-66KVR-Y1           | DHAM-102KVR-Y2 Q        | DHAM- 132KVR-Y1         | DHAM-192KVR-Y1          |
| Rated Power supply         |                          | V-ph-Hz    | 400+/-10%-3-50          | 400+/-10%-3-50          | 400+/-10%-3-50          | 400+/-10%-3-50          |
| Cooling                    | Tonnage Category         | Tr         | 5.5                     | 8.5                     | 11                      | 16                      |
|                            | Nominal Cooling Capacity | W          | 19343                   | 29894                   | 38687                   | 56272                   |
|                            | Input Power              | W          | 7300                    | 11000                   | 14600                   | 21500                   |
| Power supply               |                          | V- Ph-Hz   | 230+/-10%-1-50          | 230+/-10%-1-51          | 230+/-10%-1-52          | 230+/-10%-1-53          |
| Blower & Housing           | Type of Blower           | Type       | DIDW, Forward Curve     | DIDW, Forward Curve     | DIDW, Forward Curve     | DIDW, Forward Curve     |
|                            | Blower Material          | Type       | Aluminium               | Aluminium               | Aluminium               | Aluminium               |
|                            | Housing material         | Type       | GI                      | GI                      | GI                      | GI                      |
|                            | No of Blower             | Nos.       | 2                       | 2                       | 2                       | 3                       |
| Indoor coil                | Number of rows           | Nos.       | 3                       | 3                       | 4                       | 4                       |
|                            | Fin type                 | Type       | Hydrophilic aluminium   | Hydrophilic aluminium   | Hydrophilic aluminium   | Hydrophilic aluminium   |
| Indoor Air Filter          |                          | Included   |                         |                         |                         |                         |
| Indoor Air Flow            |                          | CFM        | 2200                    | 3846                    | 4400                    | 6800                    |
| Indoor Static pressure     |                          | Pa         | 30                      | 30                      | 40                      | 40                      |
| Indoor unit                | NET Dimension(WxDxH)     | mm         | 1200x725x345            | 1620x675x460            | 1875x700x460            | 2150x850x560            |
|                            | GROSS Packing (WxDxH)    | mm         | 1420x760x370            | 1765x680x465            | 2010x720x550            | 2355 X 915 X 635        |
|                            | Net/Gross weight         | Kg         | 50 / 54                 | 85/100                  | 130/139                 | 170 / 181               |
| Drainage water pipe dia.   |                          | mm         | ODΦ27.5mm               | ODΦ27.5mm               | ODΦ27.5mm               | ODΦ27.5mm               |
| Refrigerant piping         | Liquid side              | Inch /Type | 1/2" Flared Connections | 5/8" Flared Connections | 1/2" Flared Connections | 5/8" Flared Connections |
|                            | Gas Side                 | Inch/Type  | 7/8" Brazed Connection  | 9/8" Brazed Connection  | 7/8" Brazed Connection  | 9/8" Brazed Connection  |
| Operating Range            | Cooling                  |            | 17~50                   | 17~50                   | 17~50                   | 17~50                   |
| Remote Control             |                          | Type       | Wired Controller        |                         |                         |                         |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

# HIGH STATIC DUCTABLE - NON INVERTER SPECIFICATION



| OUTDOOR UNIT - NON INVERTER |                          |           |                         |                         |                         |                         |
|-----------------------------|--------------------------|-----------|-------------------------|-------------------------|-------------------------|-------------------------|
| Model Number                |                          |           | DHBM-66KPR-Y1           | DHBM-102KPR-Y1 Q        | DHBM-66KPR-Y1           | DHBM-102KPR-Y1 Q        |
| Number of Outdoor           |                          | No.       | 1                       | 1                       | 2                       | 2                       |
| Power supply                |                          | V- Ph-Hz  | 400+/-10%-3-50          | 400+/-10%-3-50          | 400+/-10%-3-50          | 400+/-10%-3-50          |
| Compressor                  | Type                     |           | Scroll                  | Scroll                  | Scroll                  | Scroll                  |
| Outdoor coil                | Number of rows           | no.       | 3                       | 2                       | 3                       | 2                       |
| Outdoor unit                | Dimension (WxDxH)        | mm        | 860x500x900             | 1306x550x900            | 860x500x900             | 1650x620x940            |
|                             | Packing (WxDxH)          | mm        | 945x560x908             | 1390x620x1015           | 945x560x908             | 1750x708x1070           |
| Refrigerant type/Quantity   | Refrigerant              | Type      | R410                    | R410                    | R410                    | R410                    |
|                             | Charged volume           | gm / mtr  | 2900 / 7.5mtr           | 6500 / 7.5mtr           | 2900 / 7.5mtr           | 6600 / 7.5mtr           |
| Refrigerant piping          | Liquid side              | Inch/Type | 1/2" Flared Connections | 5/8" Flared Connections | 1/2" Flared Connections | 5/8" Flared Connections |
|                             | Gas Side                 | Inch/Type | 7/8" Brazed Connection  | 9/8" Brazed Connection  | 7/8" Brazed Connection  | 9/8" Brazed Connection  |
|                             | Max. pipe length         | m         | 35                      | 35                      | 35                      | 35                      |
|                             | Max. difference in level | m         | 20                      | 20                      | 20                      | 20                      |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB



# MEDIUM STATIC DUCTABLE - INVERTER SPECIFICATION



| INDOOR UNIT - MEDIUM STATIC INVERTER |                           |         |                        |                        |                       |                       |
|--------------------------------------|---------------------------|---------|------------------------|------------------------|-----------------------|-----------------------|
| Model Number                         |                           |         | DMAY-18KVG-Y1          | DMAY-24KVG-Y1          | DMAY-36KVG-Y1         | DMAY-48KVG-Y1         |
| Performance                          | Power supply              | V-ph-Hz | 230+/-10%-1-50         | 230+/-10%-1-50         | 230+/-10%-1-50        | 230+/-10%-1-50        |
|                                      | Capacity - Full           | Watts   | 5276                   | 6400                   | 10552                 | 14068                 |
|                                      | Capacity - Half           | Watts   | 2638                   | 3200                   | 5276                  | 7034                  |
|                                      | Power Consumption - Full  | Watts   | 1850                   | 1800                   | 4020                  | 5250                  |
|                                      | Current Full Load         | Ampere  | 8.1                    | 8.90                   | 6.50                  | 7.90                  |
| Indoor coil                          | Number of rows            |         | 3                      | 3                      | 4                     | 3                     |
|                                      | Fin type (code)           |         | Hydrophilic aluminium  | Hydrophilic aluminium  | Hydrophilic aluminium | Hydrophilic aluminium |
|                                      | Tube outside dia.and type | mm      | Φ7, inner groove tube  | Φ7,inner groove tube   | Φ7,inner groove tube  | Φ7,inner groove tube  |
| Indoor air flow (Hi/Med/Lo)          |                           | m3/h    | 925/740/652            | 1715 / 1467 /1077      | 1715 / 1467 /1077     | 2612/2292/2088        |
| ESP                                  | Rated                     | Pa      | 10                     | 10                     | 20                    | 30                    |
| Sound level (sound pressure)         |                           | dB(A)   | 40/34/33               | 49/40/38               | 49/40/38              | 53/49/42              |
| Indoor unit                          | NET Dimension(WxDxH)      | mm      | 822x605x210            | 1005x603x270           | 1005x603x270          | 1200 X 725 X 345      |
|                                      | GROSS Packing (WxDxH)     | mm      | 1010x680x290           | 1125x635x310           | 1125x 635x310         | 1420 X 760 X 370      |
|                                      | Net/Gross weight          | Kg      | 22.5 / 28.5            | 29/34                  | 30/35                 | 50 / 54               |
| Drainage water pipe dia.             |                           | mm      | ODΦ27.5mm              | ODΦ27.5mm              | ODΦ27.5mm             | ODΦ27.5mm             |
| Refrigerant piping                   | Liquid side/ Gas side     | mm      | Φ6.35/Φ12.7(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ19(3/8"/3/4")  | Φ9.52/Φ19(3/8"/3/4")  |
| Controller                           |                           |         | Wired control          | Wired control          | Wired control         | Wired control         |
| Operating Range                      | Cooling                   |         | 17~32                  | 17~32                  | 17~32                 | 17~32                 |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

# MEDIUM STATIC DUCTABLE - INVERTER SPECIFICATION



| OUTDOOR UNIT - MEDIUM STATIC INVERTER |                            |         |                        |                        |                       |                       |
|---------------------------------------|----------------------------|---------|------------------------|------------------------|-----------------------|-----------------------|
| Model Number                          |                            |         | DMBY-18KVG-Y1          | DMBY-24KVG-Y1          | DMBY-36KPG-Y1         | DMBY-48KPG-Y1         |
| Power supply                          |                            | V-Ph-Hz | 230+/-10%-1-50         | 230+/-10%-1-50         | 400+/-10%-3-50        | 400+/-10%-3-50        |
| Compressor                            | Type                       |         | Rotary                 | Rotary                 | Rotary                | Rotary                |
| Outdoor coil                          | Number of rows             |         | 2                      | 2                      | 3                     | 3                     |
|                                       | Tube outside dia. and type | mm      | Φ5, inner grooved tube | Φ5, inner grooved tube | Φ7 inner grooved tube | Φ5 inner grooved tube |
| Outdoor noise level                   |                            | dB(A)   | 59                     | 60                     | 63                    | 64                    |
| Outdoor unit                          | Dimension (WxHxD)          | mm      | 780x540x250            | 845x700x320            | 820x900x320           | 820x900x320           |
|                                       | Packing (WxHxD)            | mm      | 910x585x335            | 965x755x395            | 1022x897x424          | 1022x897x424          |
|                                       | Net/ Gross weight          | kg      | 36/39                  | 48/52                  | 59 / 63               | 61 / 66               |
| Refrigerant type/Quantity             | Type                       |         | R32                    | R32                    | R32                   | R32                   |
|                                       | Charged volume             | Gm      | 700                    | 910                    | 1950                  | 1720                  |
| Refrigerant piping                    | Liquid side/ Gas side      | mm      | Φ6.35/Φ12.7(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ19(3/8"/3/4")  | Φ9.52/Φ19(3/8"/3/4")  |
|                                       | Max. pipe length           | m       | 30                     | 30                     | 50                    | 50                    |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB



# MEDIUM STATIC DUCTABLE - NON INVERTER SPECIFICATION



| INDOOR UNIT - MEDIUM STATIC NON INVERTER |                           |          |                        |                        |                       |                       |
|------------------------------------------|---------------------------|----------|------------------------|------------------------|-----------------------|-----------------------|
| Model Number                             |                           |          | DMAM-18KVG-Y1          | DMAM-24KVG-Y1          | DMAM-36KVR-Y1         | DMAM-48KVR-Y1         |
| Performance                              | Power supply              | V,Hz,Ph  | 230+/-10%-1-50         | 230+/-10%-1-50         | 230+/-10%-1-50        | 230+/-10%-1-50        |
|                                          | Cooling Capacity          | W        | 5275                   | 6700                   | 10600                 | 13365                 |
|                                          | Input                     | W        | 1500                   | 1940                   | 4000                  | 5100                  |
|                                          | Current                   | A        | 6,6                    | 8,5                    | 8,0                   | 9,4                   |
| Indoor coil                              | Number of rows            |          | 3                      | 3                      | 4                     | 3                     |
|                                          | Fin type (code)           |          | Hydrophilic aluminium  | Hydrophilic aluminium  | Hydrophilic aluminium | Hydrophilic aluminium |
|                                          | Tube outside dia.and type | mm       | Φ7, inner groove tube  | Φ7,innergroove tube    | Φ7,innergroove tube   | Φ7,innergroove tube   |
| Indoor air flow (Hi/Mi/Lo)               |                           | m3/h     | 925/740/652            | 1715 / 1467 /1077      | 1715 / 1467 /1077     | 2612/2292/2088        |
| ESP                                      | Rated                     | Pa       | 10                     | 20                     | 25                    | 50                    |
| Sound level (sound pressure)             |                           | dB(A)    | 40/34/33               | 49/40/38               | 49/40/38              | 53/49/42              |
| Indoor unit                              | Dimension(WxDxH)          | mm       | 822x605x210            | 1005x603x270           | 1005x603x270          | 1200x725x345          |
|                                          | Packing (WxDxH)           | mm       | 1010x680x290           | 1195x635x310           | 1125x635x310          | 1420x760x370          |
|                                          | Net/Gross weight          | Kg       | 22.5 / 28,5            | 29/34                  | 30/35                 | 50 / 54               |
| Drainage water pipe dia.                 |                           | mm       | ODΦ25mm                | ODΦ25mm                | ODΦ25mm               | ODΦ25mm               |
| Refrigerant piping                       | Liquid side/ Gas side     | mm(inch) | Φ6.35/Φ12.7(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ19(3/8"/3/4")  | Φ9.52/Φ19(3/8"/3/4")  |
| Controller                               |                           |          | Wired control          | Wired control          | Wired control         | Wired control         |
| Operating Range                          |                           | °C       | 17-30                  | 17-30                  | 17-30                 | 17-30                 |

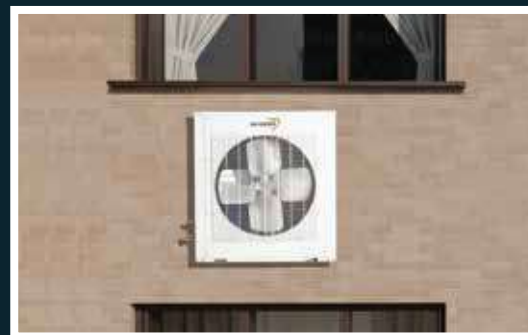
\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

# MEDIUM STATIC DUCTABLE - NON INVERTER SPECIFICATION



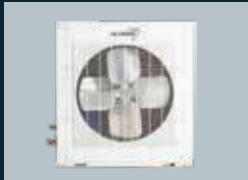
| OUTDOOR UNIT - MEDIUM STATIC NON INVERTER |                            |          |                        |                        |                       |                       |
|-------------------------------------------|----------------------------|----------|------------------------|------------------------|-----------------------|-----------------------|
| Model Number                              |                            |          | DMBM-18KVG-Y1          | DMBM-24KVG-Y1          | DMBM-36KPR-Y1         | DMBM-48KPR-Y1         |
| Power supply                              |                            | V- Ph-Hz | 230+/-10%-1-50         | 230+/-10%-1-50         | 400+/-10%-3-50        | 400+/-10%-3-50        |
| Compressor                                | Type                       |          | Rotary                 | Rotary                 | Scroll                | Scroll                |
| Outdoor coil                              | Number of rows             |          | 2                      | 3                      | 2                     | 3                     |
|                                           | Tube outside dia. and type | mm       | Φ7, inner grooved tube | Φ7 inner grooved tube  | Φ7 inner grooved tube | Φ7 inner grooved tube |
| Outdoor noise level                       |                            | dB(A)    | 57                     | 60                     | 64                    | 64                    |
| Outdoor unit                              | Dimension (WxHxD)          | mm       | 790x540x280            | 845x700x320            | 910x820x320           | 910x820x320           |
|                                           | Packing (WxHxD)            | mm       | 910x585x335            | 965x755x395            | 1022x897x424          | 1022x897x424          |
|                                           | Net/ Gross weight          | kg       | 34 / 38                | 44/48                  | 64/67.5               | 70/73                 |
| Refrigerant type/Quantity                 | Type                       | Gms      | R32 / 800 gms          | R32/ 1160              | R410A / 2000          | R410A / 2050          |
| Refrigerant piping                        | Liquid side/ Gas side      | mm       | Φ6.35/Φ12.7(1/4"/1/2") | Φ9.52/Φ15.9(3/8"/5/8") | Φ9.52/Φ19(3/8"/3/4")  | Φ9.52/Φ19(3/8"/3/4")  |
|                                           | Max. pipe length           | m        | 20                     | 25                     | 30                    | 30                    |
|                                           | Max. difference in level   | m        | 8                      | 10                     | 10                    | 10                    |
| Ambient temperature                       | Cooling                    | °C       | 18~50                  | 18~50                  | 18~50                 | 18~50                 |

\*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB





# OUTSTANDING FEATURES



## Easy Maintenance & Serviceability

It features easy access to the service panel located at the bottom of the indoor unit and a side panel on the outdoor unit, streamlining the maintenance process for your convenience.



## High Air Outlet Static Pressure

The indoor unit's high static pressure allows for extended air supply, providing flexibility in the installation and positioning of both the indoor unit (IDU) and outdoor unit (ODU). This feature ensures that you can maintain the interior aesthetics of your space without compromising on the air conditioning performance.



## Sleek Design

The unit height commences at 345mm, providing ample space for a spacious ceiling height. (In 66K HSD Unit only)



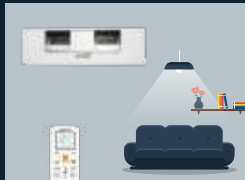
## High & Low Pressure Control

Cartridge controls are specifically designed for refrigeration and air conditioning systems using CFC, HCFC, and HFC refrigerants. These controls serve as essential safety measures, ensuring high and low-pressure cut in and cut out, as well as fan cycling.



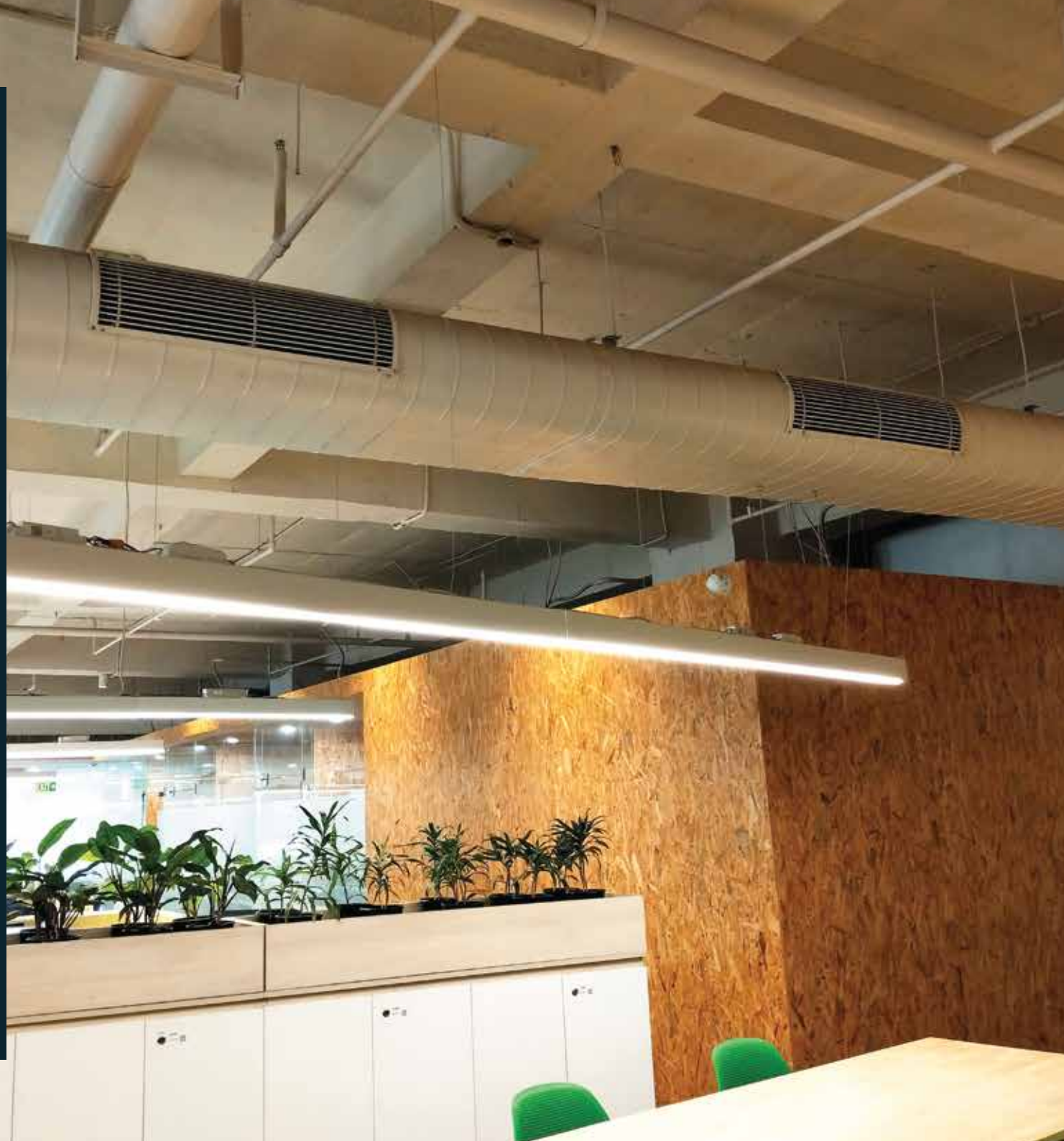
## Scroll compressor

The compressor's efficiency is enhanced by its high volumetric efficiency and low power consumption. Additionally, its reduced number of moving parts results in less wear and tear, ensuring a quiet operation. Moreover, the compressor's excellent liquid handling capability contributes to its robustness, trouble-free performance, and reliability. (Available in 11 & 17 TR having two compressors)



## Wireless Controller (Optional)

The utilization of a Wireless Controller enhances the convenience of Air Conditioner management.



# TOWER AIR CONDITIONER (FLOOR STANDING)



## KEY FEATURES



### ENERGY SAVER

Experience efficient cooling with our Energy Saver mode. Designed to reduce power consumption without compromising comfort, it keeps your space cool while saving energy and lowering electricity costs.



### TURBO COOL

Provides rapid cooling by maximizing fan speed and compressor output, quickly lowering room temperature. Ideal for hot days, it ensures immediate comfort within minutes.



### AUTO MODE

In Auto Mode, the AC assesses room temperature for 20 seconds to select Cooling or Fan mode. If temperature is below 25°C, Fan mode activates. Mode resets upon power off or mode change.



### SLEEP MODE

This function gradually adjusts the temperature by 1°C per hour for the first two hours, stabilizes for five hours, and then switches off, ensuring energy savings and comfort throughout the night.



### WIRELESS CONTROLLER

The wireless controller allows convenient operation of AC from anywhere in the room. With easy access to temperature, mode, and fan settings, it enhances comfort and control effortlessly.



### 4 WAY SWING

The 4-way swing feature ensures even cooling by directing airflow in four directions-up, down, left, and right. This distributes cool air throughout the room, enhancing comfort and efficiency.

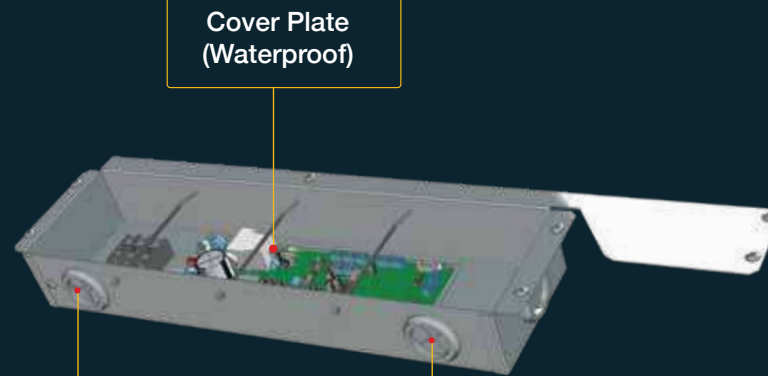
# ADVANCED FEATURES OF TOWER AIR CONDITIONER

## 1 Waterproof



Blde Motor  
2tr, 3tr & 4tr Models  
New Features Usps  
Most Brands Using Ac

## 2 Insects Proof



(Insects Proof  
Rubber Gasket)

Cover Plate  
(Waterproof)

All The Corners  
Fixed With  
Silver Tape (Fireproof)

## 3 Fireproof

Detachable  
Intake Grill



Ratproof  
Board

Remove Metal To  
Install Ratproof Board



# TOWER AIR CONDITIONER SPECIFICATION

| Model Number              |                                  | Type         | INVERTER                                                                                   |                                                                                            |                                                                                            |
|---------------------------|----------------------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|                           |                                  | IDU          | TAY-SE24VG                                                                                 | TAY-SE36VG                                                                                 | TAY-SE48VG                                                                                 |
|                           |                                  | ODU          | TBY-SE24VG                                                                                 | TBY-SE36VG                                                                                 | TBY-SE48VG                                                                                 |
| Performance               | Capacity Full Load               | W            | 6820                                                                                       | 10600                                                                                      | 13350                                                                                      |
|                           | Power Full Load                  | W            | 2245                                                                                       | 3900                                                                                       | 4751                                                                                       |
|                           | Current                          | A            | 10.25                                                                                      | 17.8                                                                                       | 21.45                                                                                      |
|                           | ISEER                            |              | 3.9                                                                                        | 3.5                                                                                        | 3.6                                                                                        |
|                           | Star Rating (Existing BEE Table) |              |  3 Star |  3 Star |  3 Star |
| Electrical Data           | Voltage                          | V/Phase/Freq | 230/1PH/50Hz                                                                               | 230/1PH/50Hz                                                                               | 230/1PH/50Hz                                                                               |
|                           | Supply From                      |              | Outdoor Driven                                                                             | Outdoor Driven                                                                             | Outdoor Driven with RS - 485 Communication                                                 |
| Indoor Air Flow           |                                  | CMH          | 1490 (High)                                                                                | 1800 (High)                                                                                | 1800 (High)                                                                                |
| Indoor Noise(H/M/L)       |                                  | dBA          | 40/41/45                                                                                   | 43/48/50                                                                                   | 43/48/51                                                                                   |
| IDU Dimension             | Net Dim(Dx WxH)                  | mm           | 386 x 600 x 1850                                                                           | 386 x 600 x 1850                                                                           | 386 x 600 x 1850                                                                           |
|                           | Packing Dim(DxWxH)               | mm           | 490 x 703 x 1942                                                                           | 490 x 703 x 1942                                                                           | 490 x 703 x 1942                                                                           |
|                           | Net / Gross Weight               | Kg           | 56/67                                                                                      | 57/69                                                                                      | 59/71                                                                                      |
| Outdoor Noise Level Rated |                                  | dBA          | 60                                                                                         | 61                                                                                         | 66                                                                                         |
| ODU Dimension             | Net Dim(DxWx H)                  | mm           | 281X781X555                                                                                | 310X852X692                                                                                | 380X1030X790                                                                               |
|                           | Packing Dim(DxWxH)               | mm           | 375X905X590                                                                                | 440X1033X742                                                                               | 445X1100X800                                                                               |
|                           | Net / Gross Weight               | Kg           | 31/34                                                                                      | 42/47                                                                                      | 64/68                                                                                      |
| Refrigerant Type          |                                  |              | R32                                                                                        | R32                                                                                        | R32                                                                                        |
| Connecting Pipe           | Liquid and Gas Side Dia          | Dia          | 1/4",5/8"                                                                                  | 3/8", 5/8"                                                                                 | 3/8", 5/8"                                                                                 |
|                           | Maximum Length                   | m            | 25m                                                                                        | 30m                                                                                        | 30m                                                                                        |
|                           | Maximum Elevation                | m            | 15m                                                                                        | 15m                                                                                        | 15m                                                                                        |
| Ambient Operating Range   |                                  | °C           | 48                                                                                         | 48                                                                                         | 48                                                                                         |

## AKABISHI Residential Range

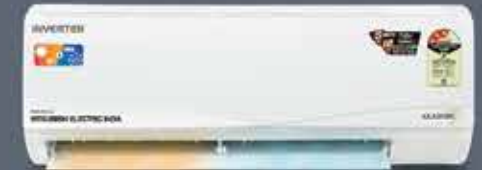
Window Air Conditioner



Split Air Conditioner



Hot & Cold Split Air Conditioner



\*For more details, refer AKABISHI Residential Brochure



## MITSUBISHI ELECTRIC INDIA PVT. LTD.

**HEAD OFFICE:** 3rd Floor, Tower A, Global Gateway, MG Road,  
Gurugram – 122002 (Haryana)

**Tel. No.:** (Main): 0124-6739300/301 **Website:** [www.MitsubishiElectric.in](http://www.MitsubishiElectric.in)

**Email:** [customersupport@asia.meap.com](mailto:customersupport@asia.meap.com)

**Customer Care Toll Free No.: 1800 102 2626**

**TECHNICAL CENTRES:** Ahmedabad: 079-67777874; Bengaluru: 080-40201600;  
Chennai: 044-49232222; Delhi: 011-66057900; Mumbai: 022-66116200

### REGIONAL OFFICES:

**North Zone:** Delhi: 011-66057900. **West Zone:** Mumbai: 022-66116200.  
**East Zone:** Kolkata: 033-40858800. **South Zone:** Chennai: 044-49232222.

### BRANCH/SALES OFFICES:

**North Zone:** Chandigarh: 0172-4601645, Delhi: 011-66057900, Ghaziabad: 011-66057900,  
Jaipur: 0141-4011109, Lucknow: 0522-4002607, Ludhiana: 0161-4061654.

**West Zone:** Ahmedabad: 079-67777888, Indore: 0731-4098991, Mumbai: 022-66116200,  
Nagpur: 09921442323, Pune: 020-41555000, Rajkot: 0281-2585525, Vadodara: 0265-2314699, Surat: 0261-4003111.

**East Zone:** Bhubaneswar: 09073949597, Kolkata: 033-40858800, Patna: 07739857587, Raipur: 08817936264

**South Zone:** Bangalore: 080-40201600, Chennai: 044-49232222, Coimbatore: 0422-4385606,  
Hyderabad: 040-43438888, Kochi: 0484-4862093, Vijayawada: 08498894567.

### SATELLITE OFFICES:

**North Zone:** Agra: 09536900140, Amritsar: 09780021037, Dehradun: 08800878763,  
Kanpur: 09205987322, Varanasi: 07992074100.

**West Zone:** Aurangabad: 07387777132, Bhopal: 09907135346, Goa: 09167113443.

**East Zone:** Ranchi: 09339346343.

**South Zone:** Hubli: 08448398012, Mangalore: 08448398012, Tirupati: 09319591931,  
Trichy: 09205599022, Vizag (Visakhapatnam): 9205987308.



\*For E-waste Collection & Disposal process: Customer can get complete details of company process on collection, disposal of e-waste product (i.e. Mitsubishi Electric\* make Air Conditioner) and incentive / exchange scheme for returning of e-waste on Company website ([www.MitsubishiElectric.in](http://www.MitsubishiElectric.in)) or by calling on Toll free number 1800 102 2626.

202503

Specifications subject to change without notice.

-  **Head Office**
-  **Branch Offices**
-  **Sales Offices**
-  **Satellite Offices**
-  **Technical Centres**

\*Map for reference purpose only.

The displayed images are intended for illustrative purposes and may not precisely depict the product. Models showcased may differ in size and color.