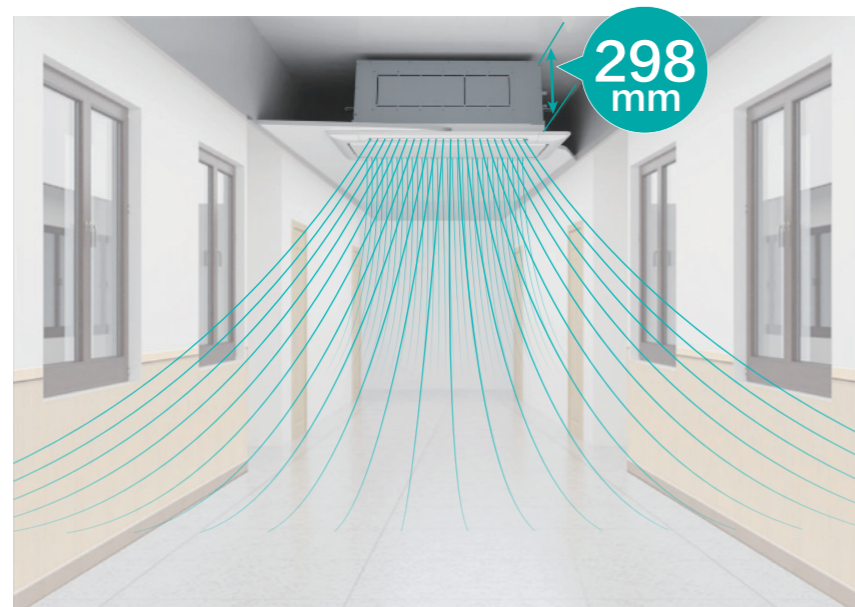


# 2-Way Cassette

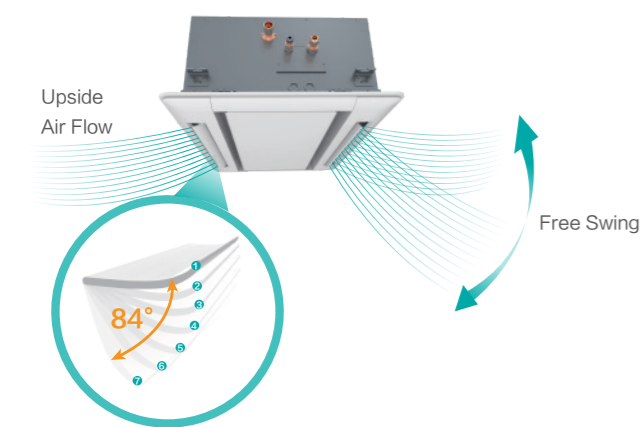
## Compact and Classy Design

The slim design of the unit, with a height as low as 298mm, allows for easy installation in tight ceiling spaces, such as corridors and other restricted areas.



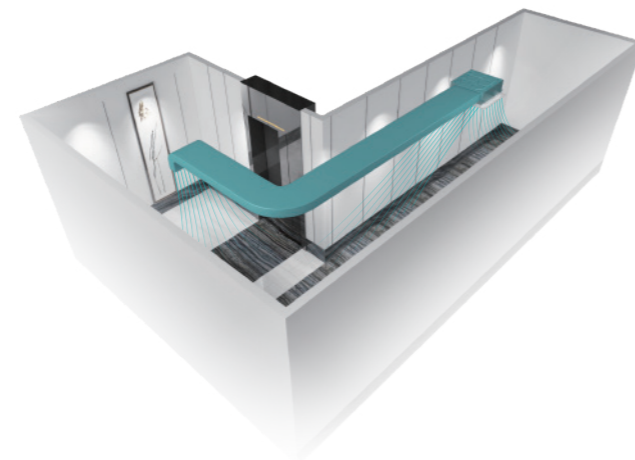
## Independent Louvers Control

Each louver can be individually adjusted to one of seven angles, ranging from 27° to 84°. This feature is designed to meet the demands of spaces with high ceilings or narrow corridors, ensuring optimal airflow and adapting to various indoor layouts.



## Branch Discharge Option

In irregular room layouts, branch discharge could come in handy by extending air distribution area to the most awkward corners without additional indoor units.



## 2-Way Cassette



| Model            |                      | AVL-07<br>UXJSGA          | AVL-09<br>UXJSGA                       | AVL-12<br>UXJSGA     | AVL-14<br>UXJSGA      | AVL-18<br>UXJSGA       | AVL-24<br>UXJSGA        | AVL-27<br>UXJSGA        | AVL-30<br>UXJSGA        | AVL-38<br>UXJSHA        | AVL-48<br>UXJSHA        | AVL-54<br>UXJSHA        |                         |
|------------------|----------------------|---------------------------|--|----------------------|-----------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Power Supply     |                      | AC 1Φ, 220-240V/50Hz/60Hz |  |                      |                       |                        |                         |                         |                         |                         |                         |                         |                         |
| Capacity         | Cooling              | kW                        | 2.2                                    | 2.8                  | 3.6                   | 4.3                    | 5.6                     | 7.1                     | 8.4                     | 9.0                     | 11.2                    | 14.0                    | 16.0                    |
|                  |                      | Btu/h                     | 7,500                                  | 9,600                | 12,300                | 14,700                 | 19,100                  | 24,200                  | 28,700                  | 30,700                  | 38,200                  | 47,800                  | 54,600                  |
| Power Input      | Heating              | kW                        | 2.8                                    | 3.3                  | 4.0                   | 4.9                    | 6.5                     | 8.0                     | 9.0                     | 10.0                    | 13.0                    | 16.0                    | 18.0                    |
|                  |                      | Btu/h                     | 9,600                                  | 11,300               | 13,600                | 16,700                 | 22,200                  | 27,300                  | 30,700                  | 34,100                  | 44,400                  | 54,600                  | 61,400                  |
| Sound Pressure   | Cooling              | dB(A)                     | 32/30/<br>29/27                        | 33/30/<br>29/28      | 34/31/<br>30/28       | 40/37/<br>34/32        | 42/39/<br>36/33         | 45/42/<br>40/36         | 47/44/<br>40/36         | 49/46/<br>42/37         | 46/44/<br>40/38         | 48/45/<br>42/38         | 49/46/<br>43/40         |
|                  |                      | Heating                   | W                                      | 14                   | 14                    | 14                     | 24                      | 34                      | 44                      | 64                      | 74                      | 84                      | 104                     |
| Airflow Rate     | Cooling              | m <sup>3</sup> /min       | 10.0/8.5/<br>7.2/6.0                   | 11.0/9.4/<br>8.2/6.6 | 12.0/10.5/<br>8.9/7.5 | 15.0/13.2/<br>11.5/9.9 | 17.0/14.9/<br>13.0/11.2 | 19.0/16.4/<br>14.3/12.3 | 21.0/18.4/<br>15.6/12.6 | 22.0/19.3/<br>16.3/13.1 | 30.0/26.4/<br>23.1/19.8 | 35.0/30.8/<br>26.9/21.1 | 37.0/32.5/<br>28.4/24.1 |
|                  |                      | Heating                   | W                                      | 14                   | 14                    | 14                     | 24                      | 34                      | 44                      | 64                      | 74                      | 84                      | 104                     |
| Piping           | Connection Type      |                           | Flare-nut Connection (with Flare Nuts) |                      |                       |                        |                         |                         |                         |                         |                         |                         |                         |
|                  |                      |                           |  |                      |                       |                        |                         |                         |                         |                         |                         |                         |                         |
|                  | Liquid               | mm                        | φ6.35                                  | φ6.35                | φ6.35                 | φ6.35                  | φ6.35                   | φ9.53                   | φ9.53                   | φ9.53                   | φ9.53                   | φ9.53                   | φ9.53                   |
|                  |                      | inch                      | 1/4                                    | 1/4                  | 1/4                   | 1/4                    | 1/4                     | 3/8                     | 3/8                     | 3/8                     | 3/8                     | 3/8                     | 3/8                     |
| Gas              | mm                   | φ12.70                    | φ12.70                                 | φ12.70               | φ12.70                | φ12.70                 | φ15.88                  | φ15.88                  | φ15.88                  | φ15.88                  | φ15.88                  | φ15.88                  |                         |
|                  | inch                 | 1/2                       | 1/2                                    | 1/2                  | 1/2                   | 1/2                    | 5/8                     | 5/8                     | 5/8                     | 5/8                     | 5/8                     | 5/8                     |                         |
| Condensate Drain | mm                   | I.D.32                    |  |                      |                       |                        |                         |                         |                         |                         |                         |                         |                         |
| Weight           | Net Weight           | kg                        | 22                                     | 22                   | 22                    | 24                     | 24                      | 24                      | 24                      | 24                      | 39                      | 39                      | 39                      |
|                  | Gross Weight         | kg                        | 28                                     | 28                   | 28                    | 30                     | 30                      | 30                      | 30                      | 30                      | 47                      | 47                      | 47                      |
| Dimensions       | External             | H mm                      | 298                                    | 298                  | 298                   | 298                    | 298                     | 298                     | 298                     | 298                     | 298                     | 298                     | 298                     |
|                  |                      | W mm                      | 860                                    | 860                  | 860                   | 860                    | 860                     | 860                     | 860                     | 860                     | 1420                    | 1420                    | 1420                    |
|                  |                      | D mm                      | 630                                    | 630                  | 630                   | 630                    | 630                     | 630                     | 630                     | 630                     | 630                     | 630                     | 630                     |
|                  | Packaging            | H mm                      | 350                                    | 350                  | 350                   | 350                    | 350                     | 350                     | 350                     | 350                     | 350                     | 350                     | 350                     |
|                  |                      | W mm                      | 1070                                   | 1070                 | 1070                  | 1070                   | 1070                    | 1070                    | 1070                    | 1070                    | 1630                    | 1630                    | 1630                    |
|                  |                      | D mm                      | 710                                    | 710                  | 710                   | 710                    | 710                     | 710                     | 710                     | 710                     | 710                     | 710                     | 710                     |
| Model            |                      | HP-C-NA                   | HP-C-NA                                | HP-C-NA              | HP-C-NA               | HP-C-NA                | HP-C-NA                 | HP-C-NA                 | HP-C-NA                 | HP-F-NA                 | HP-F-NA                 | HP-F-NA                 |                         |
|                  | Panel Colour         |                           | Neutral White                          |                      |                       |                        |                         |                         |                         |                         |                         |                         |                         |
| Decoration Panel | Body Dimensions      | H mm                      | 30                                     | 30                   | 30                    | 30                     | 30                      | 30                      | 30                      | 30                      | 30                      | 30                      | 30                      |
|                  |                      | W mm                      | 1100                                   | 1100                 | 1100                  | 1100                   | 1100                    | 1100                    | 1100                    | 1100                    | 1660                    | 1660                    | 1660                    |
|                  |                      | D mm                      | 710                                    | 710                  | 710                   | 710                    | 710                     | 710                     | 710                     | 710                     | 710                     | 710                     | 710                     |
|                  | Packaging Dimensions | H mm                      | 160                                    | 160                  | 160                   | 160                    | 160                     | 160                     | 160                     | 160                     | 160                     | 160                     | 160                     |
|                  |                      | W mm                      | 1170                                   | 1170                 | 1170                  | 1170                   | 1170                    | 1170                    | 1170                    | 1170                    | 1710                    | 1710                    | 1710                    |
|                  |                      | D mm                      | 740                                    | 740                  | 740                   | 740                    | 740                     | 740                     | 740                     | 740                     | 740                     | 740                     | 740                     |
| Net Weight       | kg                   | 7.5                       | 7.5                                    | 7.5                  | 7.5                   | 7.5                    | 7.5                     | 7.5                     | 7.5                     | 10.5                    | 10.5                    | 10.5                    |                         |
| Gross Weight     | kg                   | 13.3                      | 13.3                                   | 13.3                 | 13.3                  | 13.3                   | 13.3                    | 13.3                    | 13.3                    | 17.8                    | 17.8                    | 17.8                    |                         |

Notes:

1. The nominal cooling capacity is based on the following conditions:  
 Indoor Air Inlet Temperature: 27°C DB (80°F DB), 19.0°C WB (66.2°F WB)  
 Outdoor Air Inlet Temperature: 35°C DB (95°F DB)  
 Piping Length: 7.5 Meters Piping Lift: 0 Meter

2. The sound pressure level is based on the following conditions: 1.5m beneath the unit.  
 The above data was measured in an anechoic chamber so that the reflected sound should be taken into consideration in the field.