

# 1-WAY CASSETTE

## 40VU-1-8S-TST



Carrier's slim 1-Way Cassette is an innovative, easy-to-install solution best suited for small areas such as hotels, offices and lobbies.

CASSETTE

**CAPACITY**



0.8HP-3.0HP

**SOUND PRESSURE LEVEL**



25dB(A)

**LOCAL CONTROLS**



40VC11-8-TEE



40VCW56-8-JEE

### Specifications

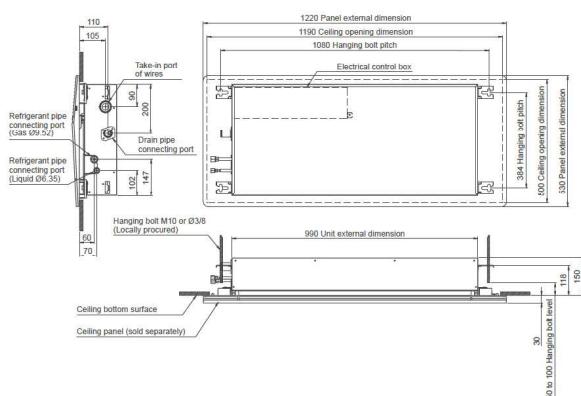
| Model name                                 | 40VU                          | 0071-8S-TST   | 0091-8S-TST                  | 0121-8S-TST | 0151-8S-TST     | 0181-8S-TST   | 0241-8S-TST | 0271-8S-TST |               |
|--|-------------------------------|---|------------------------------|-------------|-----------------|---------------|-------------|-------------|---------------|
| <b>Cooling capacity</b>                    | kW                            | 2.2   | 2.8                          | 3.6         | 4.5             | 5.6           | 7.1         | 8.0         |               |
|  | BTU(*1.2)                     | 7,500   | 9,600                        | 12,300      | 15,400          | 19,100        | 24,200      | 27,300      |               |
|  | BTU(*1.3)                     | 7,600   | 9,700                        | 12,400      | 15,600          | 19,300        | 24,500      | 27,600      |               |
| <b>Electrical characteristics</b>          | Power supply                  | 1-phase 230V (220-240V) 50Hz/1-phase 220V (208-230V) 60Hz                   |                              |             |                 |               |             |             |               |
|  | Running current (50Hz/60Hz)   | A   | 0.17/0.18                    | 0.18/0.19   | 0.19/0.20       | 0.24/0.25     | 0.26/0.27   | 0.34/0.36   | 0.41/0.43     |
|  | Power consumption (50Hz/60Hz) | kW  | 0.017/0.017                  | 0.018/0.018 | 0.019/0.019     | 0.025/0.025   | 0.027/0.027 | 0.042/0.042 | 0.050/0.050   |
|  | Starting current (50Hz/60Hz)  | A   | 0.43/0.43                    | 0.43/0.43   | 0.43/0.43       | 0.28/0.28     | 0.30/0.30   | 0.38/0.38   | 0.45/0.45     |
| <b>Appearance</b>                          | Main unit                     | Heat-insulating material attached: Zinc hot dipping steel plate             |                              |             |                 |               |             |             |               |
|  | Ceiling panel name            | 40VPU01218S-TST   |                              |             | 40VPU02718S-TST |               |             |             |               |
|  | Panel color                   | Moon White (Munsell 2.5GY9.0/0.5)   |                              |             |                 |               |             |             |               |
| <b>Outer dimensions</b>                    | Main unit (HxWxD)             | mm  | 150x990x450                  |             |                 | 150x1,180x450 |             |             |               |
|  | Ceiling panel (HxWxD)         | mm  | 30x1,220x530                 |             |                 | 30x1,410x530  |             |             |               |
| <b>Total weight</b>                        | Main unit                     | kgs   | 14                           |             | 15              |               | 16          |             |               |
|  | Ceiling panel                 | kgs   | 4                            |             | 5               |               |             |             |               |
| <b>Soundproof/Heat-insulating material</b> |                               | Non-flammable insulation  |                              |             |                 |               |             |             |               |
| <b>Fan unit</b>                            | Fan                           | Centrifugal fan   |                              |             |                 |               |             |             |               |
|  | Standard airflow (H/M/L)      | m <sup>3</sup> /h   | 500/390/270                  | 520/410/290 | 540/420/290     | 750/630/500   | 800/650/500 | 940/760/600 | 1,000/860/720 |
|  | Motor output                  | W   | 30                           |             | 42              |               | 59          |             |               |
| <b>Sound pressure level (H/M/L)</b>        |                               | dB(A)   | 38/34/25                     | 39/35/26    | 40/36/26        | 39/36/33      | 40/37/33    | 46/42/37    | 47/44/41      |
| <b>Sound power level</b>                   |                               | dB(A)   | 53                           | 54          | 55              |               |             |             |               |
| <b>Air filter</b>                          |                               | Standard filter supplied (long-life filter)/Optional air purifier available |                              |             |                 |               |             |             |               |
| <b>Connecting pipe</b>                     | Gas side                      | mm  | 9.5                          | 9.5         | 9.5             | 12.7          | 12.7        | 15.9        | 15.9          |
|  | Liquid side                   | mm  | 6.4                          | 6.4         | 6.4             | 6.4           | 6.4         | 9.5         | 9.5           |
|  | Drain port (nominal diam.)    | mm  | 25 (Polyvinyl chloride tube) |             |                 |               |             |             |               |

**Notes:** (\*1) Cooling capacities are measured under conditions specified by JIS B 8615 based on reference piping.  
 (\*1.1) Reference piping consists of 5m main piping and 2.5m branch piping connected with a height of 0m.  
 (\*1.2) Indoor air temperature 27.0°C DB/19.0°C WB, Outdoor air temperature 35.0°C DB.  
 (\*1.3) Indoor air temperature 27.0°C DB/19.5°C WB, Outdoor air temperature 35.0°C DB.

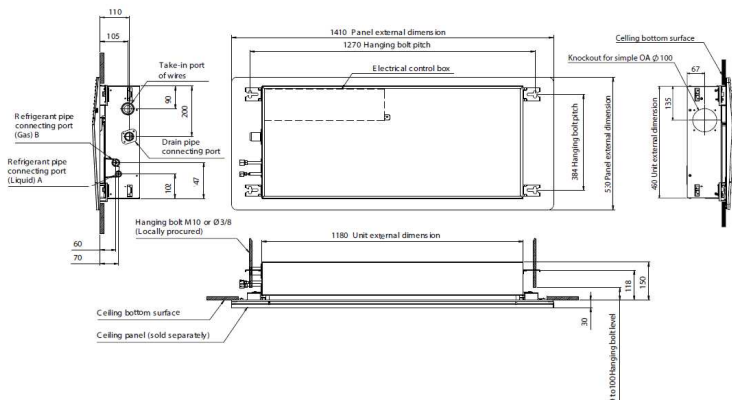
### Drawings

Unit: mm

40VU0071-8S-TST to 40VU0121-8S-TST



40VU0151-8S-TST to 40VU0271-8S-TST



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## Accessories

| No. | Part name                  | Model name      | Applied model           | Notes   | Remarks |
|-----|----------------------------|-----------------|-------------------------|---|---------|
| 1   | Ceiling panel              | 40VU01218S-TST  | 40VU0071 to 0121-8S-TST | Required accessory  |         |
| 2   | Ceiling panel              | 40VU02718S-TST  | 40VU0151 to 0271-8S-TST | Required accessory  |         |
| 3   | Auxiliary fresh air flange | TCB-FF101URE2   | 40VU0151 to 0271-8S-TST | For fresh air intake through knockout hole of indoor unit (diam.:100mm) |         |
| 4   | Air purifier kit           | 40VBUP--18F-TEE | 40VU-1-8S-TST           |   |         |
| 5   | Occupancy sensor           | 40VSUM--18F-TEE |                         |   |         |
| 6   | Wireless remote controller | 40VC11--8-TEE   |                         | For installing on panel   |         |



1-Way Panel



1-Way Wireless RC Kit



1-Way Occupancy Kit



1-Way Air Purifier Kit

## 1-Way Cassette Connectors

• : Available

| CN32   | CN60   | CN61   | CN70   | CN73  | CN80   |
|--|--|--|--|---|--|
| Additional ventilation control from remote control | Operation status signal output (cooling, fan, thermo-on) | External On/Off, operation output and alarm output | Warning symbol on remote control based on signal input | Forced IDU thermo-off based on signal input | Forced IDU thermo-off and IDU lock based on signal input |
| •  | TCB-PCUC2E PCB required                                  | •  | TCB-PCUC2E PCB required                                | TCB-PCUC2E PCB required                     | TCB-PCUC2E PCB required                                  |