

## Cassette (24,000 BTU) Indoor Unit For Heat-pump Airstage VRF System

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

Date \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Construction \_\_\_\_\_  
 Unit No \_\_\_\_\_  
 Drawing No \_\_\_\_\_

### FEATURES

- Quiet 3 speed fan
- Built-in high-lift drain pump
- Optional IR Receiver
- Support for fresh-air intake kit
- Grille includes built-in modulating louvers
- Grille must be ordered separately (UTG-LCGVCW)
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.



### PIPING ACCESSORIES

|            |  |
|------------|--|
| UTP-AX090A | Separation Tube - 2-Pipe - 90 MBH or Less  |
| UTP-AX180A | Separation Tube - 2-Pipe - 91 to 180 MBH   |
| UTP-AX567A | Separation Tube - 2-Pipe - 180 MBH or More |

### CONTROLLER

|          |   |
|----------|---|
| UTY-RNKU | Wired Remote Control                                |
| UTY-RHKU | Simple Remote (WITHOUT Master Control) (1/16 units) |
| UTY-LNHU | Wireless Remote Controller (requires IR Receiver)   |

|            |  |
|------------|--|
| UTY-DCGY   | Central Remote Controller (100 units)            |
| UTY-DTGYZ1 | Touch Panel Controller with Internet (400 units) |

### ACCESSORIES

|          |   |
|----------|---|
| #N/A     | #N/A  |
| UTZ-VXGA | Fresh Air Intake kit for Cassette                         |
| UTR-YDZC | Air Outlet Shutter Plate for Cassette                     |
| UTZ-KXGB | Insulation Kit for High Humidity for Slim Cassette        |
| UTY-TEKX | External Switch Controller. Use with 3-Wire remotes only. |
| UTY-XSZX | Remote Sensor for ducted units                            |

### WEIGHT AND DIMENSIONS

|   |   |
|---|---|
| Enclosure - Net Weight - lbs [kg]             | 51 [23]   |
| Enclosure - Gross Weight - lbs [kg]           | 62 [28]   |
| Dimensions - Net (H x W x D) - in [mm]        | 9-11/16 x 33-1/16 x 33-1/16<br>[246 x 840 x 840]  |
| Dimensions - Gross (H x W x D) - in [mm]      | 12-1/2 x 37-13/16 x 38-9/16<br>[318 x 960 x 980]  |
| Grille Weight Net - lbs [kg]                  | 13 [5.5]  |
| Grille Weight Gross - lbs [kg]                | 19 [8.5]  |
| Grille Dimensions Net (H x W x D) - in [mm]   | 1-15/16 x 37-3/8 x 37-3/8<br>[50 x 950 x 950]     |
| Grille Dimensions Gross (H x W x D) - in [mm] | 4-1/2 x 40-3/16 x 39-3/8<br>[115 x 1,020 x 1,000] |

### CAPACITY

|                                 |              |
|---------------------------------|--------------|
| Capacity - Cooling - Btu/h [kW] | 24,000 [7.0] |
| Capacity - Heating - Btu/h [kW] | 27,000 [7.9] |

### ELECTRICAL

|                                    |                           |
|------------------------------------|---------------------------|
| Power Source                       | 208 / 230V, 1-Phase, 60Hz |
| Available Voltage Range - VAC      | 187 to 253                |
| Input Power - W                    | 46                        |
| Max Circuit Breaker - A            | 20                        |
| Minimum Circuit Ampacity - MCA - A | 0.38                      |
| Fuse - A (V)                       | 3.15 (250)                |

### FAN

|                                    |             |
|------------------------------------|-------------|
| Fan Type                           | Turbo       |
| Airflow Rate - High - CFM [m³/h]   | 753 [1,280] |
| Airflow Rate - Medium - CFM [m³/h] | 612 [1,040] |
| Airflow Rate - Low - CFM [m³/h]    | 512 [870]   |

### SOUND PRESSURE

|                              |          |
|------------------------------|----------|
| Sound Pressure Level - dB(A) | 29/33/38 |
|------------------------------|----------|

### WIRING

|                     |  |
|---------------------|--|
| Communication Cable | LonWorks (Fujitsu Pink Cable. See AE Bulletin 009) |
|---------------------|--|

### PIPING

|   |               |
|---|---------------|
| Connection Pipe Diameter - Liquid (Flare) - in [mm] | ø 3/8 [9.52]  |
| Connection Pipe Diameter - Gas (Flare) - in [mm]    | ø 5/8 [15.88] |
| Connection Pipe Diameter - Drain (ID; OD) - in [mm] | ø 3/4 [19.05] |
| Drain-Pump  | Built-in      |
| Drain-Pump Lift - in [mm]                           | 33 7/16 [850] |

### ETL

|        |         |
|--------|---------|
| E.T.L. | 3170288 |
|--------|---------|

### TEMPERATURE SETTINGS

|  |                     |
|--|---------------------|
| Operating Temp. Cooling (DB) - °F [°C] | 64 to 90 [18 to 32] |
| Operating Temp. Heating (DB) - °F [°C] | 50 to 86 [10 to 30] |

Note: Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

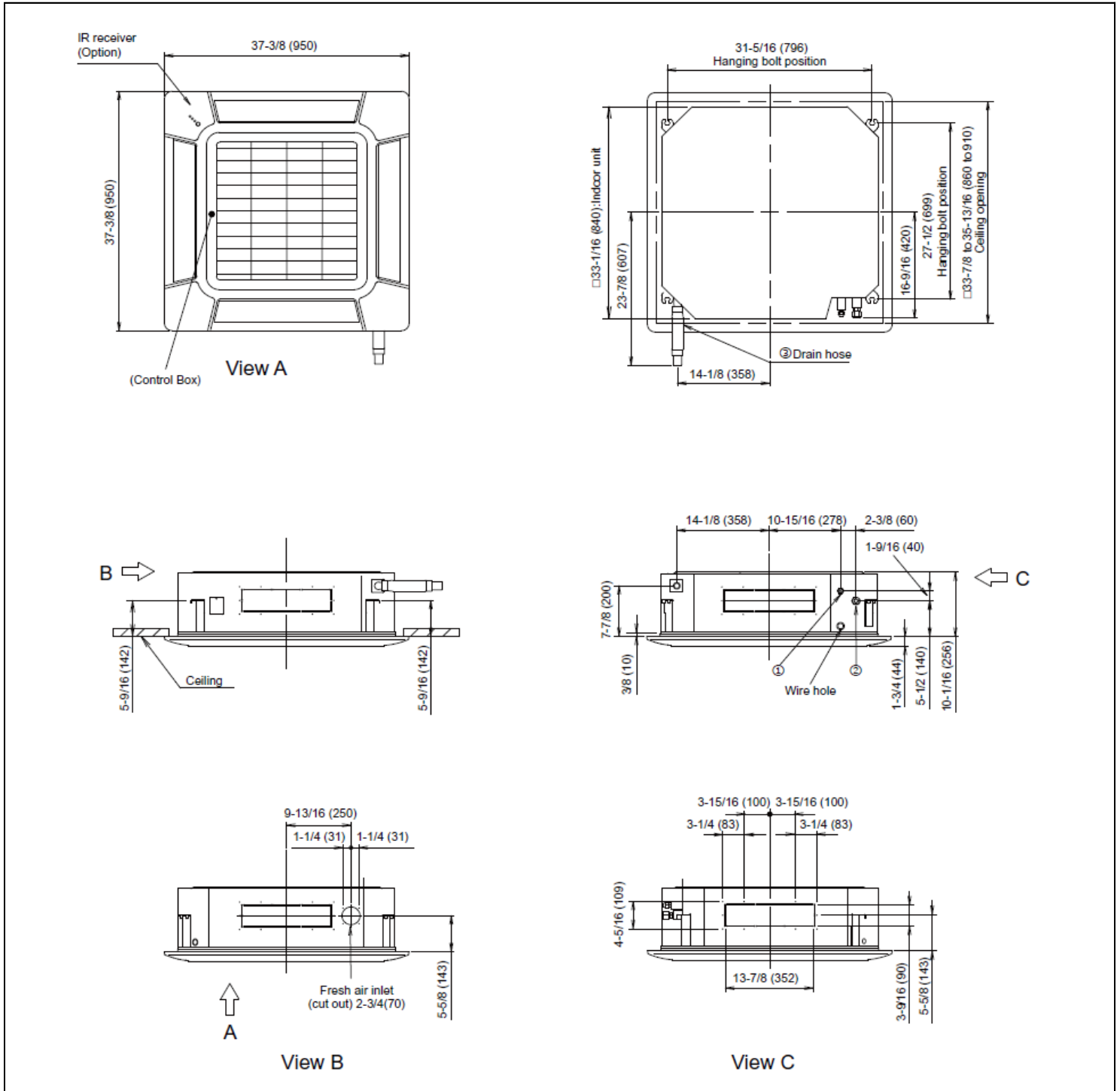


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For Heat-pump Airstage VRF System

DIMENSIONS

Unit: In. (mm)



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