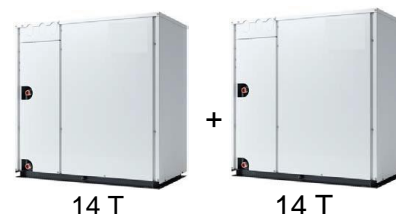


## Submittal Data Sheet

(H, Y) VWH (P, R) 336B\_2S Multi-module Water Source Unit  
28 Ton, Heat Pump and Heat Recovery, 208-230V, 60Hz, 3Ph and 460V, 60Hz, 3Ph

|                   |              |
|-------------------|--------------|
| Job Name:         | Location:    |
| Purchaser:        | Order No:    |
| Engineer:         |              |
| Submitted By:     | Date:        |
| Unit Designation: | Schedule No: |
| Construction:     | Model No:    |



### Features and Benefits

- Compact, modular and light weight equipment installed entirely inside the building – enhances design flexibility and makes it easier to adapt to different building types
- Wide capacity range with all Inverter Compressors delivering maximum efficiency at part load conditions, providing comfortable individual zone control
- Outstanding VRF solution for cold climate applications – operation and capacity not affected by outside temperature, no defrost operation required
- Flexible solution with 1-, 4-, 8-, and 12-port change-over boxes for heat recovery applications
- Energy efficient and personal comfort solution via simultaneous cooling and heating capability, for heat recovery
- Refrigerant cooled Inverters for reliable and efficient operation
- Developed for easy installation and service – field selectable top or front refrigerant connections and easy accessible controls

### Technical Data

| (H,Y)VWHP336B_2S Heat Pump<br>(H,Y)VWHR336B_2S Heat Recovery |   |                      |
|--|---|----------------------|
| Unit Performance   |   |                      |
| Product Number   | (H,Y)VWH(P,R)336B32S                      | (H,Y)VWH(P,R)336B42S |
| Unit Combination   | (H,Y)VWH(P,R)168B32S                      | (H,Y)VWH(P,R)168B42S |
|  | (H,Y)VWH(P,R)168B32S                      | (H,Y)VWH(P,R)168B42S |
| Power Supply (V,Hz,Ph)                                       | 208 / 230, 60, 3                          | 460, 60, 3           |
| Nominal Capacity, Cooling (Btu/h)                            | 336,000                                   |                      |
| Nominal Capacity, Heating (Btu/h)                            | 378,000                                   |                      |
| IEER, Non-Ducted (Btu/Wh)                                    | 20.7                                      |                      |
| COP68, Non-Ducted (W/W)                                      | 4.60                                      |                      |
| Unit Details   |   |                      |
| MCA (A), 208V / 230V, 460V                                   | (41 and 41) / (37 and 37)                 | 22 and 22            |
| MOP (A), 208V / 230V, 460V                                   | (50 and 50) / (50 and 50)                 | 25 and 25            |
| Total Dimensions H x W x D (")                               | 39-3/8 x 82-11/16 x 21-5/8                |                      |
| Net Weight (lbs)   | 558 and 558                               | 567 and 567          |
| Refrig. Piping, Gas/HL(for HR)/Liquid (")                    | 1-3/8/ (1-1/8) / 3/4                      |                      |
| Water Piping, Inlet and Outlet (")                           | 1-1/4                                     |                      |
| Sound Pressure (dBA)   | 61.0                                      |                      |
| Refrigerant Type   | R410A                                     |                      |
| R410A Refrigerant Charge (lbs)                               | 15.4 and 15.4                             |                      |
| Water Inlet Temp Range (°F)                                  | 50 to 113                                 |                      |
| Water Flow, Rated / Range (GPM)                              | 44.1 and 44.1 / (24 to 70) and (24 to 70) |                      |
| Max. / Recommended No. of IUs                                | 58 / 24                                   |                      |
| Connection Ratio Range (%)                                   | 50 to 130                                 |                      |
| System Details   |   |                      |
| Max. Total Piping Length (ft)                                | 984                                       |                      |
| Max. Vert. Distance,<br>WS to IU (ft)                        | WU above IU                               | 164                  |
|  | WU below IU                               | 131                  |
| Max. Vertical Distance, IU to IU (ft)                        | 49  |                      |

*Performance ratings are based on AHRI 1230 test standard*

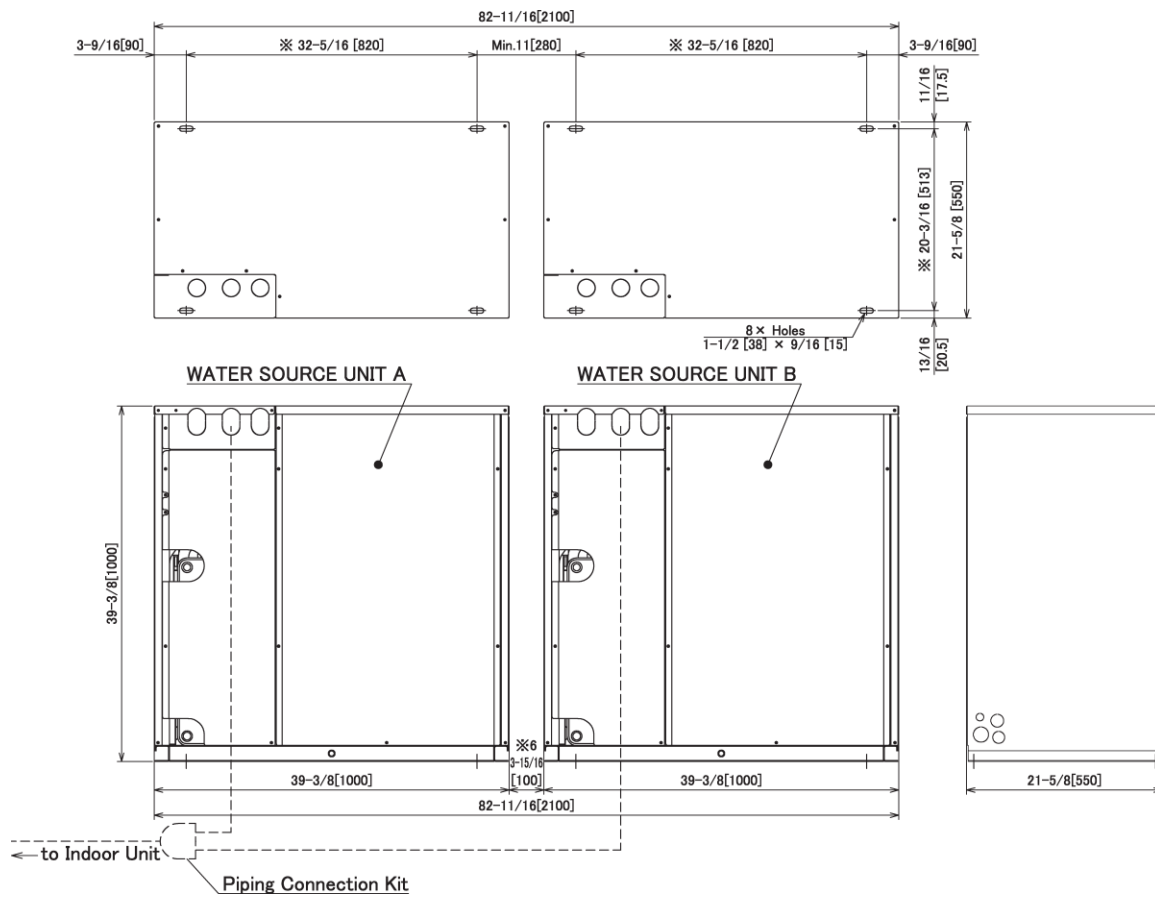
*For additional product information, refer to the Engineering Manual*

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## Dimensions

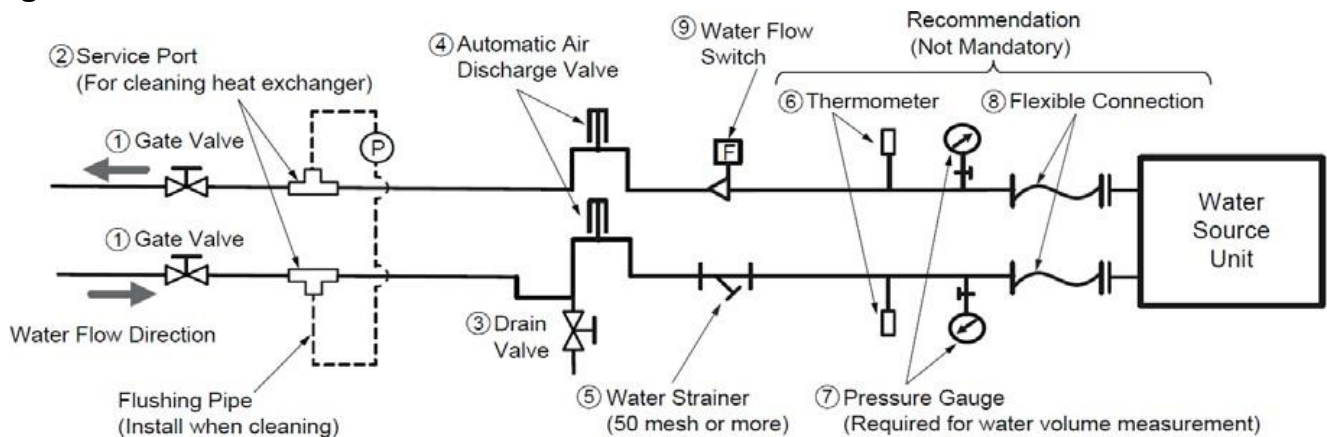
(H,Y)VWH(P,R)336B(3,4)2S

inch (mm)



For additional product information, refer to the Engineering Manual

## Piping Connections



Items ① through ⑨ are field supplied.

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