

Cutting-edge product

Water Source VRF MIZU-multi



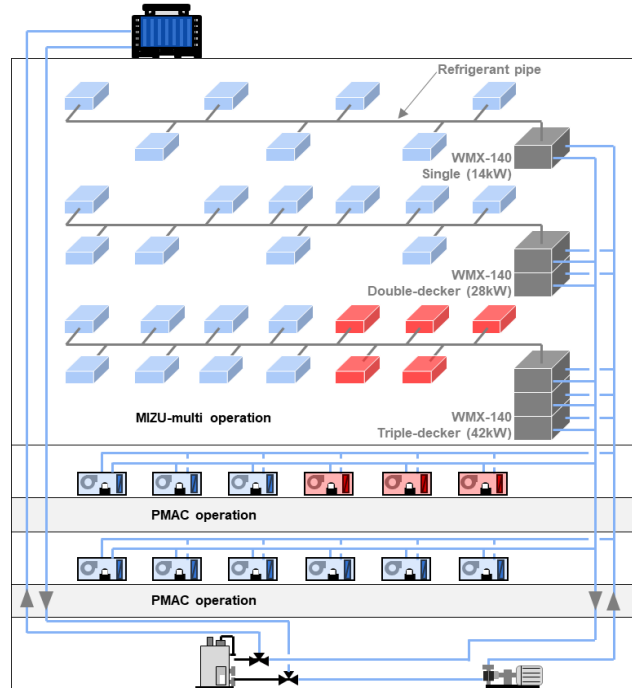
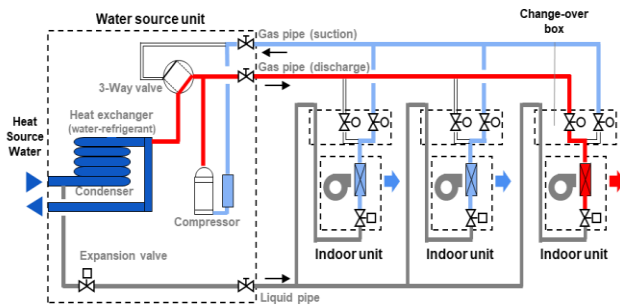
The water source VRF MIZU-multi is an individual air conditioning system that uses water as the heat source. With this unique system, water is piped from a cooling tower or boiler to the WMX-140 (which is equivalent to the outdoor unit of an air source VRF system) and after heat exchange, refrigerant is piped from the WMX-140 to each indoor unit.

MIZU
multi



WMX-140

Example:
Mainly cooling, part heating operation



● Six features of MIZU multi

1. Energy saving

- ✓ COP 5.83 (Avg. cooling and heating) as the industry's top class.
- ✓ Two-stage heat recovery operation within the refrigerant system and within the water loop.

2. Can use renewable & unused energy

- ✓ Minimum operating water temperature is 7°C for cooling and 5°C for the heating operation.

3. Available open type cooling tower

- ✓ Adoption of double-pipe heat exchanger reduces likelihood of clogging from cooling water.
- ✓ Coexists with PMAC units in the same building as shown in the figure above.

4. Variable flow

- ✓ Operational water volume from 25 L/min to 60 L/min as variable flow against the rated volume of 50 L/min.

5. Can operate at small capacity

- ✓ Operates even at 10% capacity.

6. Effective use of space

- ✓ Small, light unit (580H x 950W x 950D, 165kg)
- ✓ Can be installed on the ceiling to eliminate the need for a special machine room.



usa.pmac.co.jp

© 2022 PMAC.

All Rights Reserved.

The information about this product is for introduction and reference purposes only because of the product safety regulations in each country and region. Please contact us for sales inquiries. **E-mail: info_usa@pmac.co.jp**

The manufacturer reserves the right to discontinue or change the specifications or designs at any time without notice or without incurring obligations.