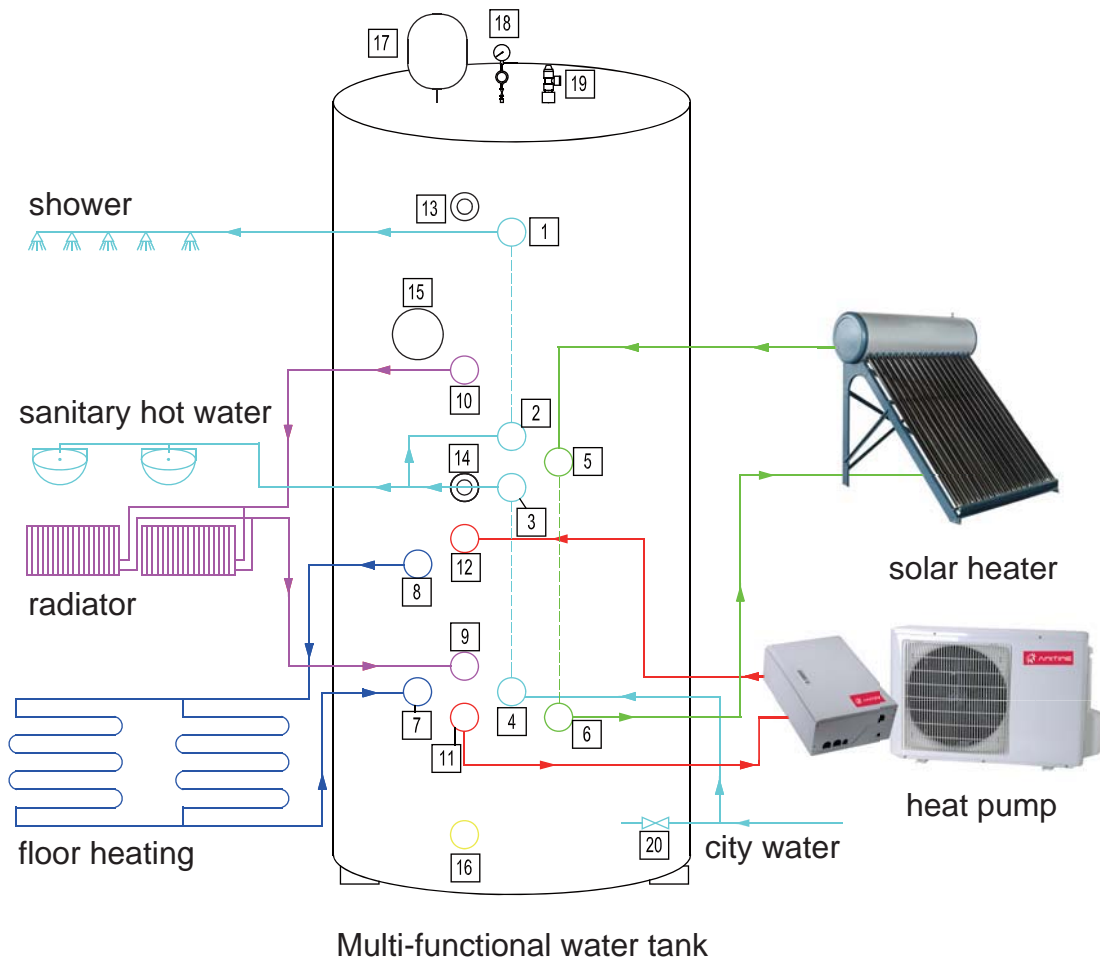




Multi-Functional Water Tank

APPLICATION ILLUSTRATION



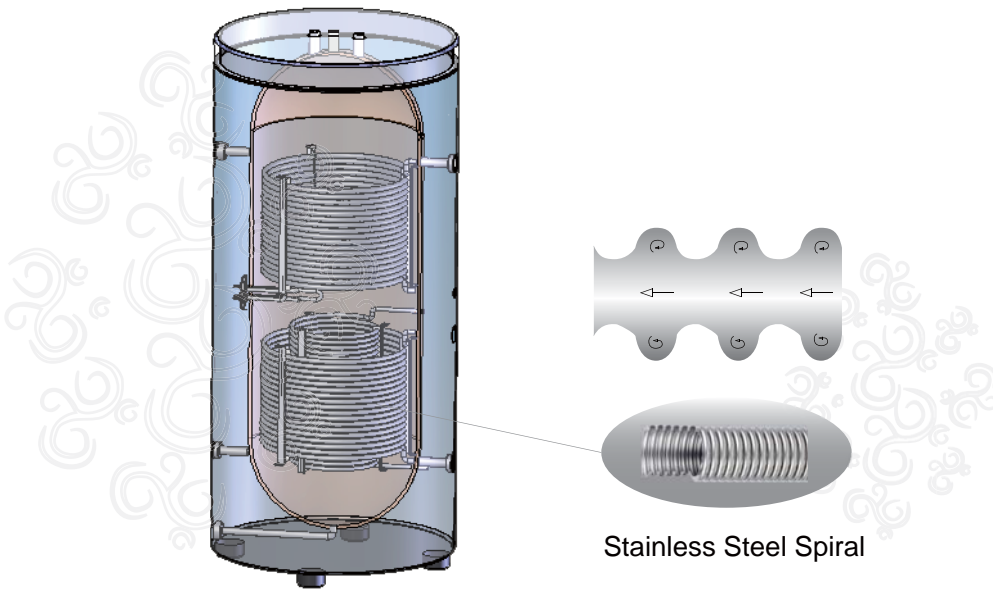
- | | | |
|-----------------------------------|---------------|----------------------------------------|
| 1. Ø22 shower coil 1 water outlet | } length: 20m | 11. Heat pump water outlet |
| 2. Ø22 shower coil 1 water inlet | | 12. Heat pump water inlet |
| 3. Ø22 shower coil 2 water outlet | } length: 20m | 13. Temperature meter |
| 4. Ø22 shower coil 2 water inlet | | 14. Temperature meter |
| 5. Ø22 solar coil water inlet | } length: 10m | 15. Electrical heater |
| 6. Ø22 solar coil water outlet | | 16. Drain water pipe G3/4" female |
| 7. Floor heating water inlet | | 17. Expansion tank |
| 8. Floor heating water outlet | | 18. Water pressure gauge |
| 9. Radiator water inlet | | 19. T/P valve |
| 10. Radiator water outlet | | 20. Automatic filling valve (optional) |



Automatic filling valve
(optional)



T/P valve



TECHNICAL DATA

Maximum working pressure: 10 bar
 Maximum water temperature: 75 °C

Model			MWT-300B	MWT-500B
Water Volume	L		300	500
Net dimension	Height	mm	1535	1835
	Dia.	mm	700	700
Inside shell material			304s.s/316s.s	
Outside shell material			304s.s/painting metal	
Insulation Material			polyurethane injection foam	
Insulation Thickness	mm		100	(50 ,optional)
Empty Weight	kg		95	120
Solar coil material			304s.s	304s.s
Solar coil tube size	mm		Dia22x0.3	Dia22x0.3
Solar coil length	m		10	10
Solar coil capacity ⁽¹⁾	kw		3.0	3.0
Shower coil material			304s.s	304s.s
Shower coil tube size	mm		Dia22x0.3	Dia22x0.3
Shower coil length	m		20+20	20+20
Shower coil capacity ⁽²⁾	kw		13.0	13.0
Electric Heating capacity	kw		2 ~ 3	2 ~ 5

Remark:

- (1) Solar coil heatexchange capacity is based on the condition:
 Water temperature inside the water tank: 20 °C
 Water flow rate inside the Coil tube: 20L/min, Water inlet temperature: 40°C
- (2) Shower coil heatexchange capacity is based on the condition:
 Water temperature inside the water tank: 60 °C
 Water flow rate inside the Coil tube: 8L/min, Water inlet temperature: 15°C



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