

HIGH-VOLUME HOT WATER



HWT HIGH-VOLUME HOT WATER UNITS

BTU HWT Series High-Volume Hot Water Systems are engineered to provide accurate, reliable and cost effective temperature control for your company's mill, calender, reactor or any other high-capacity process load.

The HWT Series is available for use with plant steam or electricity as the heat source. Both steam and electric units come in single and dual zone configurations. This series is designed for industrial processes requiring fluid temperatures up to 250°F.

Budzar also designs and manufactures specialized equipment for non-standard applications. Our engineers have extensive experience in process chilling and heating applications for such industries as: chemicals, petroleum, plastics, rubber, paper, power, steel, food, and pharmaceuticals. We take the time to understand your current and future needs and design a solution targeted at high quality and fast payback.



engineering
PRECISION

EXCELLENT RETURN ON INVESTMENT

- Each Budzar unit is designed to maximize the productivity of your process. Budzar quality and reliability provide excellent value for each dollar invested
- Reliable temperature control improves process consistency, reduces scrap, speeds start-up and increases production rates.

LOW-COST, SIMPLE OPERATION AND MAINTENANCE

- Solid-state, microprocessor-based controls provide reliable accurate operation
- Heavy-duty structural steel open framework for rugged use and easy access to all components
- Pneumatic control valves for reliable operation
- A.S.M.E. constructed shell and "U" tube heat exchangers to insure mechanical integrity
- Stand-by pumps are available to reduce down-time
- A limited-rate-of-change temperature controller is available to control the rate of temperature changes

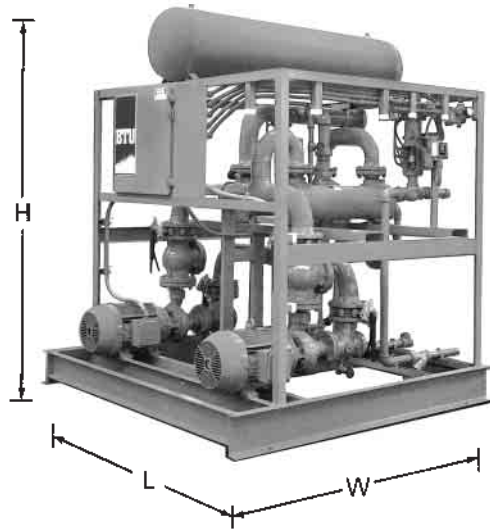
QUICK AND EASY INSTALLATION

- Single point connections for all utilities
- All units are factory tested prior to shipment

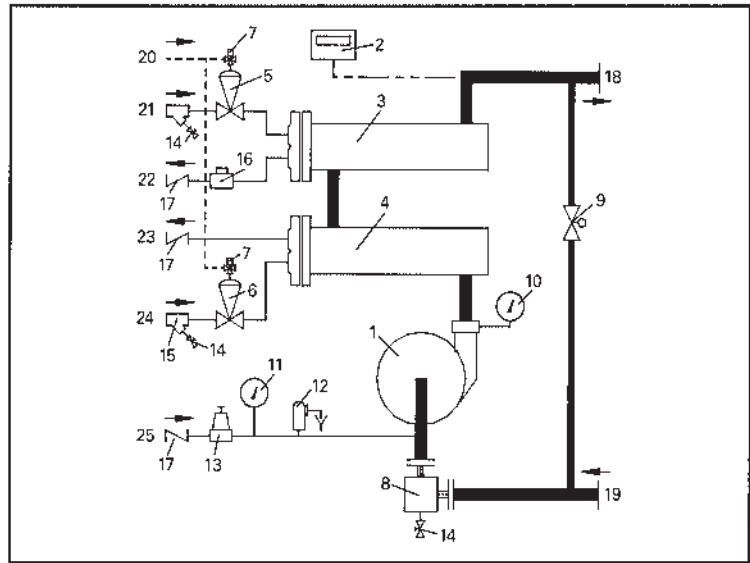


process
TEMPERATURE
control

HIGH-VOLUME HOT WATER



Model 1WT-S150-C with optional stand-by process pump. The optional stand-by pump eliminates down time should a pump failure occur.



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|----------------------------|---------------------|---------------------------|
| 1. Pump and Motor Assembly | 9. Bypass Valve | 18. To Process |
| 2. Temperature Controller | 10. Discharge Gauge | 19. From Process |
| 3. Steam Heater | 11. Fill Gauge | 20. Instrument Air Supply |
| 4. Water Cooler | 12. Relief Valve | 21. Steam Supply |
| 5. Steam Control Valve | 13. Water Regulator | 22. Condensate |
| 6. Water Control Valve | 14. Blow Down Valve | 23. Cooling Water Drain |
| 7. Pilot Solenoid | 15. Strainer | 24. Cooling Water Supply |
| 8. Suction Diffuser | 16. Steam Trap | 25. System Fill |
| | 17. Check Valve | |

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Model	Heating Sq. FT	Flow GPM@ 50 PSI	HP	FLA @ 460V Steam	Cooling Sq. FT	Approximate Dimensions L x W x H ⁵	Weight (LBS)
1WT-S 50-C	15	50	3	5	15	60 x 48 x 72	900
1WT-S 75-C	15	75	5	8	15	60 x 48 x 72	1000
1WT-S100-C	15	100	7.5	12	15	60 x 48 x 72	1200
1WT-S150-C	35	150	7.5	12	35	60 x 48 x 72	1400
1WT-S200-C	35	200	10	15	35	60 x 48 x 72	1600
1WT-S250-C	35	250	15	22	35	60 x 48 x 72	1800
1WT-S300-C	82	300	15	22	82	60 x 48 x 72	2000
2WT-S 50-C	15	50	3	10	15	60 x 84 x 72	1800
2WT-S 75-C	15	75	5	16	15	60 x 84 x 72	2000
2WT-S100-C	15	100	7.5	23	15	60 x 84 x 72	2400
2WT-S150-C	35	150	7.5	23	35	60 x 84 x 72	2800
2WT-S200-C	35	200	10	29	35	60 x 84 x 72	3200
2WT-S250-C	35	250	15	43	35	60 x 84 x 72	3600
2WT-S300-C	82	300	15	43	82	60 x 84 x 72	4000

- 1 - System Design Pressure - 125 PSI
- 2 - Maximum Steam Pressure - 60 PSI
- 3 - Maximum Cooling Water pressure - 60 PSI
- 4 - Sizing can vary per application
- 5 - Based on close coupled pump arrangement

Units also available at 80 PSI (consult factory)

Budzar Industries reserves the right to discontinue or change specifications without notice, consistent with sound engineering practice and current industrial standards.



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