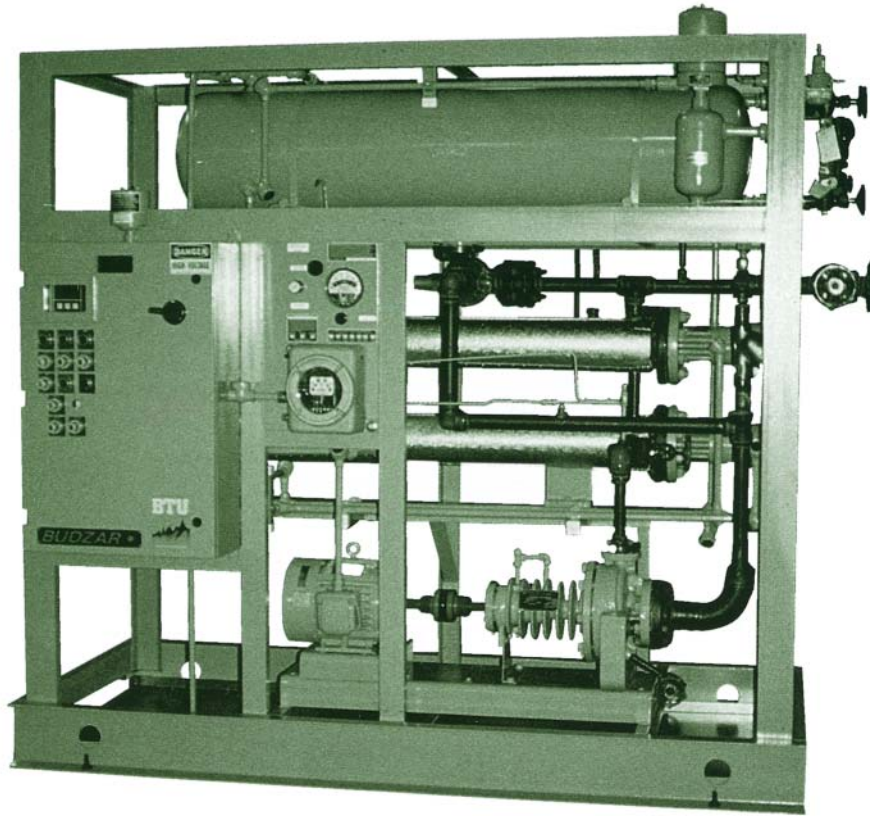


STATIONARY HOT OIL



OTS Series Stationary Hot Oil Units

BTU OTS Series Hot Oil Units are ideal for those applications requiring a dedicated source of high temperature fluid in capacities beyond the capabilities of a portable model.

The OTS Series is designed for a high degree of compatibility with typical process applications and a high degree of safety. Standard units are available for industrial processes requiring fluid temperatures up to 450°F, 550°F and 650°F.

Budzar Industries 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: rubber, paper, plastics, chemical, food and metalworking. 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
- Thermal fluid systems improve temperature uniformity, decrease cure time and increase the output of your process

LOW-COST, SIMPLE OPERATION AND MAINTENANCE

- Solid-state microprocessor-based controls provide reliable accurate operation
- High-temperature positive displacement or centrifugal pumps ensure proper flow over heating elements
- Discharge pressure gauge for indication of positive pressure
- Low pressure safety switch for protection against low oil flow
- Flanged, steel-sheath, low-watt density immersion heaters are designed for high fluid velocity
- All electrical components are housed in NEMA enclosures. Four NEMA class enclosures are available

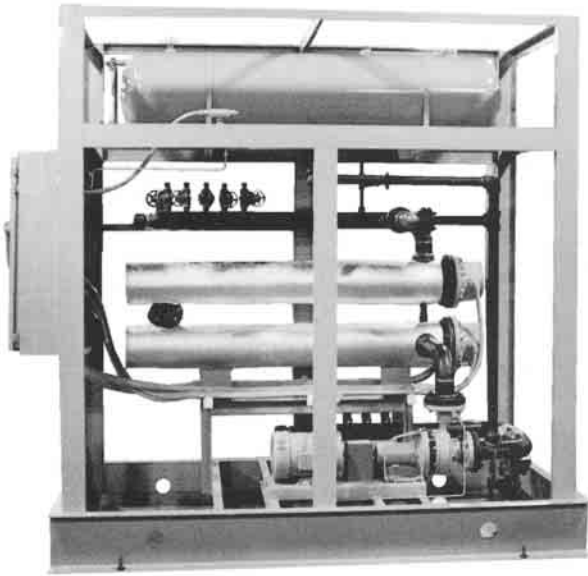
QUICK AND EASY INSTALLATION

- Fluid and power connections are simple and straightforward
- All units are factory tested prior to shipment



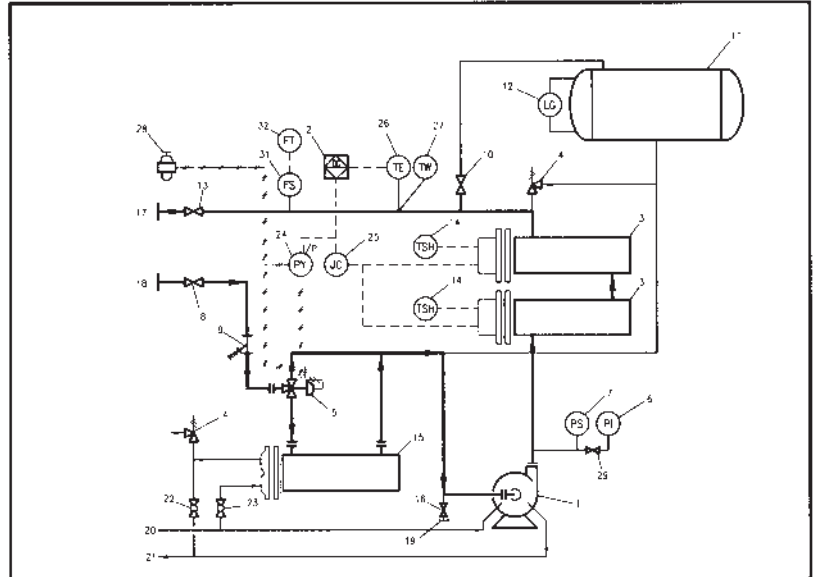
process
TEMPERATURE
control

STATIONARY HOT OIL



Model 10T-7575-GOM with cooling option. All welded construction is standard. Unit packages self-venting heaters and insulation package. Protective sheet metal (not shown) is a standard feature.

TYPICAL HOT OIL CIRCUIT



- | | | |
|--------------------------------------|--------------------------------------|---|
| 1. Pump & Motor Assembly | 14. High Temperature Switch | 25. SCR (Opt.) |
| 2. Temperature Indicating Controller | 15. Cooler (Opt.) | 26. Thermocouple |
| 3. Electric Heater | 16. Drain Valve | 27. Thermowell |
| 4. Relief Valve | 17. Process Supply | 28. Air Filter Regulator (Opt.) |
| 5. Control Valve (3-Way) | 18. Process Return | 29. Needle Valve |
| 6. Pressure Gauge | 19. Drain | 30. Instrument Air Supply (Std. with Clg. Opt.) |
| 7. Pressure Switch | 20. Cooling Water Supply* | 31. Flow Switch (Opt.) |
| 8. Return Valve | 21. Cooling Water Return* | 32. Flow Transmitter (Opt.) |
| 9. Strainer | 22. Cooling Water Return Valve* | |
| 10. Vent Valve | 23. Cooling Water Supply Valve* | |
| 11. Oil Reservoir | 24. Transducer (Std. with Clg. Opt.) | |
| 12. Sight Glass | | |
| 13. Supply Valve | | |
- * On 450°F and 650°F Systems. 550°F Systems Use Air-Cooled Pump. Use Air-Cooled Pump.

OTS SERIES STATIONARY HOT OIL UNITS

Model	Heating kW	Flow GPM @ 25 PSI	HP	FLA@ 460V Electric	Cooling Sq. FT ²	Approx. Dimensions (L x W x H)	Weight (LBS)
10T- 6075-GO	60	75	3	81	Optional	96" x 36" x 87"	2000
10T- 7575-GO	75	75	3	100	Optional	96" x 36" x 87"	2000
10T- 9090-GO	90	90	3	119	Optional	96" x 36" x 87"	2000
10T-120120-GO	120	120	5	159	Optional	100" x 36" x 90"	3000
10T-150150-GO	150	150	5	197	Optional	100" x 36" x 90"	3000
10T-180180-GO	180	180	7.5	238	Optional	100" x 36" x 90"	3250
10T-240240-GO	240	240	7.5	314	Optional	120" x 72" x 100"	4000
10T-300300-GO	300	300	10	392	Optional	120" x 72" x 100"	5000
10T-400400-GO	400	400	15	525	Optional	120" x 72" x 100"	6000

¹ All units are available for 450°F, 550°F or 650°F operation. Specify suffix "L" for 450°F, "M" for 550°F, and "H" for 650°F

² Cooling exchanges sized per application

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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