

# OTP SERIES PORTABLE HOT OIL UNITS

FOR TEMPERATURES FROM 450°F TO 650°F



## Hot Oil Units Built to Take the Heat

Budzar OTP Series Portable Hot Oil Units are engineered for high operating temperature applications. The GOL Series is capable of oil temperatures up to 450°F, the GOM Series operates up to 550°F and the GOH Series operates up to 650°F.

Thirty years of Budzar engineering has gone into designing the best and safest portable high temperature of hot oil systems available. All welded pipes, a relief valve that vents into the suction side of the system and a high temperature mechanical seal on the pump work together to keep the oil where it belongs, inside the unit, not leaking out coming into contact with the operators.

Ultra low watt density heaters (under 22 watts/in<sup>2</sup>) prevent the oil from "coking". Coking fouls the process equipment, the hot oil unit and destroys the oil. A positive displacement gear pump provides proper flow over the heaters even during cold start up.

engineering  
**PRECISION**

### COMPARE THESE FEATURES

- Non-proprietary PID microprocessor controller with a 5 year warranty
- All welded and flanged pipe construction prevents leaks
- Multiple heater design minimizes overall size of the unit while maintaining low heater watt density
- Ultra low heater watt density prevents "coking" and extends useful life of the oil.
- Horizontal heater design prevents air pockets from damaging the heater element
- Heater center core baffles increase oil velocity to protect the oil
- Fast cut-out over temperature switch thermocouple trapped directly to the heater element protects against heater failure
- High temperature mechanical pump seal prevents leaks
- Low pressure safety switch for protection against low flow
- 3-way valve cooling control provides more accurate temperature control and prevents cooling exchanger fouling
- Stainless steel heat exchanger does not corrode in oil like copper, brass or bronze exchangers

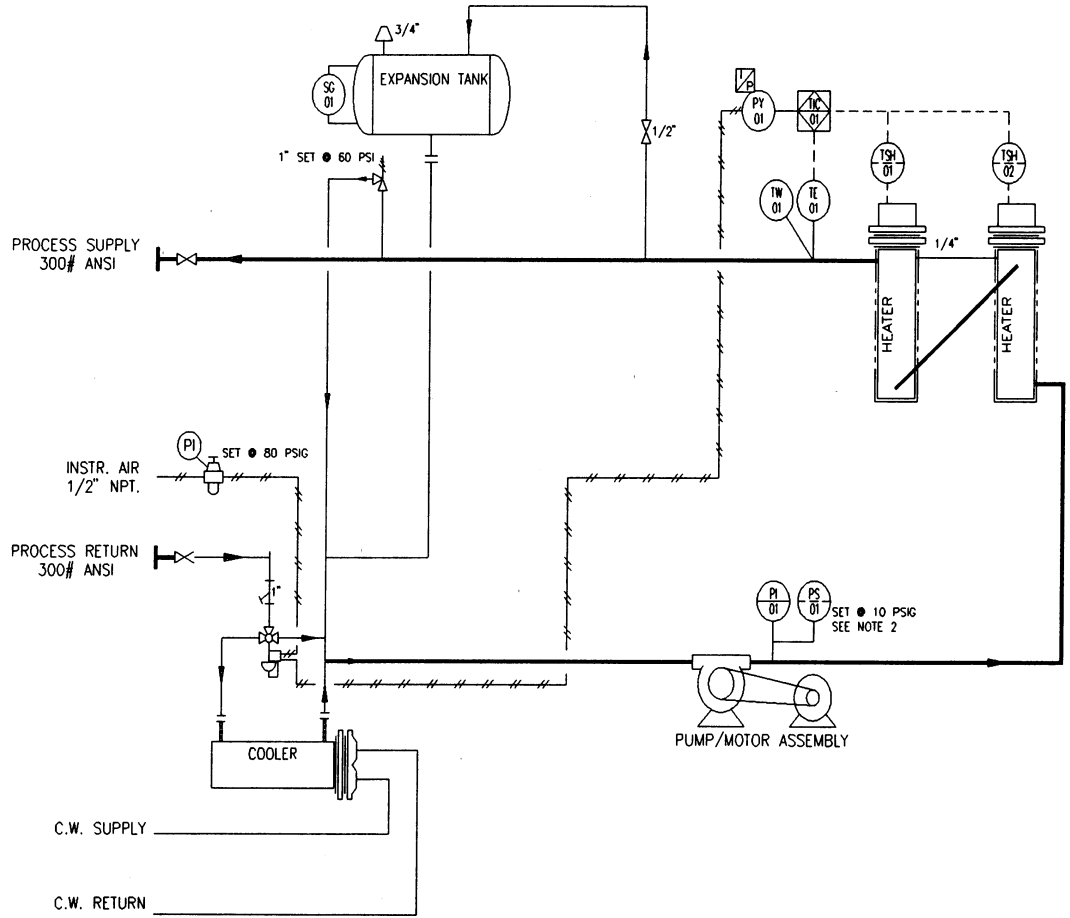


 **BUDZAR**  
INDUSTRIES, INC.

process  
**TEMPERATURE**  
control

# OTP SERIES HOT OIL UNITS

LEGEND	
LG	Level Gauge (Sight Glass)
PI	Pressure Indicator
PS	Pressure Switch
TE	Temperature Element (Type J T/C)
TW	Thermowell
(PI) TSH	Temperature Switch (high)
	Air Filter/Regulator with Pressure Gauge
	Fill Vent Cap
	Gate Valve
	Relief Valve
	Strainer
	3-way Control Valve



Model**	Heating kW	GPM @ 25 PSI	Pump HP	Optional Cooling Sq. FT	F.L.A. (460)*	Dimensions (W x L x H)
<b>Single Zone</b>						
10T-610-GO	6	10	3/4	1.5	9	24" x 29" x 55"
10T-1210-GO	12	10	3/4	1.5	16.5	24" x 29" x 55"
10T-1820-GO	18	20	1	3.5	24.5	36" x 33" x 65"
10T-2420-GO	24	20	1	3.5	32	36" x 33" x 65"
10T-3630-GO	36	30	1-1/2	7.1	48	36" x 33" x 65"
10T-4860-GO	48	60	3	11	65	45" x 42" x 65"
<b>Dual Zone</b>						
10T-610-GO	6	10	3/4	1.5	18	24" x 29" x 55"
10T-1210-GO	12	10	3/4	1.5	33	24" x 29" x 55"
10T-1820-GO	18	20	1	3.5	49	36" x 33" x 65"
10T-2420-GO	24	20	1	3.5	64	36" x 33" x 65"
10T-3630-GO	36	30	1-1/2	7.1	95.5	36" x 33" x 65"
10T-4860-GO	48	60	3	11	130	45" x 42" x 65"

## Options

- Closed Loop Cooling
- Change discharge pressure from 25 PSI to 50 PSI
- Flow Switch
- Flow Transmitter
- Controller Communications
- Different Voltage
- Heater SCR
- Special Paint

\*230 Volt Amps = 460 Volt Amps x 2

\*\*Units available for 450°F, 550°F or 650°F operation

Specify suffix "L" for 450°F, "M" for 550°F and GOH for 650°F.

Note 1: 550 Units Dimensions – 36" x 33" x 65"

Note 2: 550 Units Dimensions – 36" x 36" x 65"

Note 3: 550 Units Dimensions – 36" x 66" x 65"

Note 4: 550 Units Dimensions – 36" x 72" x 65"

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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