

## PORTABLE SILVER SERIES HOT OIL UNIT

**BUDZAR INDUSTRIES PORTABLE SILVER SERIES HOT OIL UNIT** has a maximum operating temperature of 600°F and is designed for high temperature applications.

The Portable Silver Series Hot Oil Unit with its compact space saving is factory tested prior to shipment and standard features include:

- Welded pipe construction to eliminate leaks
- Carbon steel powder coated sheet metal cabinet with lift off panel for easy access
- Y-strainer on pump suction line
- Internal by-pass valve maintains proper flow across the heater regardless of the pressure drop through the process
- Automatic air and water vapor purging system simplifies start-up and prevents pump cavitation
- Positive displacement pump with TEFC motor
- High temperature mechanical pump seal prevents leaks
- Reversible/pump/evacuation

The Portable Silver Series Hot Oil Unit shares the same engineering principles as the stationary high-temperature oil systems that have been engineered, designed, and manufactured by Budzar Industries for over 40 years. With simple and easy to understand controls, a premium placed on operator safety, a maximum operating temperature of 600°F, and a leak-free design, the Portable Silver Series Hot Oil unit will not only deliver accuracy but will stand the test of time.

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: chemical, defense, energy, extraction, food, medical, pharmaceutical, plastics, rubber, tire and, semiconductor. We take the time to understand your current and future needs and design solutions targeting high quality and fast payback.



### EXCELLENT RETURN ON INVESTMENT

- Each Budzar Industries unit is designed to maximize the productivity of your process. Budzar Industries 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

### QUICK AND EASY INSTALLATION

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

### STANDARD FEATURES INCLUDE

- Modular electronic solid state controller
- Welded construction
- Sealed expansion tank
- Positive displacement pump
- Ultra low watt density heater

### OPTIONS AVAILABLE

- Side stream cooling, water cooling
- Main stream cooling, water cooling
- Retransmission/Remote Set Point
- Hose Kit
- Upgrade to 600°F Maximum Temperature
- Visual/Audible Alarm
- Drain Valve
- Hour Meter
- 230/3/60; 208/3/60; 575/3/60; 380/3/50; 415/3/50; 460/3/60



**SILVER SERIES PORTABLE HOT OIL UNIT**

**OPTIONS AVAILABLE**

- Side Stream Cooling, Water Cooling 5 sq. ft
- Main Stream Cooling, Water Cooling 5 sq ft
- Solid State Relays
- Isolation Valves
- RS-485 Digital Communications
- Upgrade to 600°F Max. Temp.
- Dual Zone Kits
- Hoffman NEMA 12 Enclosure

Model	1SSOT	1220-NC-030	1220-NC-050	1220-NC-100	1230-NC-030	1230-NC-050	1230-NC-100	1250-NC-030	1250-NC-050	1250-NC-100
HEATER	kW	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
FLOW	GPM	20.0	20.0	20.0	30.0	30.0	30.0	50.0	50.0	50.0
TDH	PSI	30.0	50.0	100.0	30.0	50.0	100.0	30.0	50.0	100.0
MOTOR	HP	1.0	1.5	2.0	1.5	2.0	3.0	2.0	3.0	5.0
<a href="#">FLA@460/3/60</a>	AMPS	17.4	18.3	18.7	18.3	18.7	20.1	18.7	20.1	22.9
<a href="#">FLA@230/3/60</a>	AMPS	34.8	36.6	37.4	36.6	37.4	40.2	37.4	40.2	45.8
DIMENSIONS	H x W x L (in)	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48
Model	1SSOT	2420-NC-030	2420-NC-050	2420-NC-100	2430-NC-030	2430-NC-050	2430-NC-100	2450-NC-030	2450-NC-050	2450-NC-100
HEATER	kW	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
FLOW	GPM	20.0	20.0	30.0	30.0	30.0	50.0	50.0	50.0	50.0
TDH	PSI	30.0	50.0	100.0	30.0	50.0	100.0	30.0	50.0	100.0
MOTOR	HP	1.0	1.5	2.0	1.5	2.0	3.0	2.0	3.0	5.0
<a href="#">FLA@460/3/60</a>	AMPS	32.4	33.3	33.7	33.3	33.7	35.1	33.7	35.1	37.9
<a href="#">FLA@230/3/60</a>	AMPS	64.9	66.7	67.5	66.7	67.5	70.3	67.5	70.3	75.9
DIMENSIONS	H x W x L (in)	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48	49 x 28 x 48
Model	1SSOT	3620-NC-030	3620-NC-050	3620-NC-100	3630-NC-030	3630-NC-050	3630-NC-100	3650-NC-030	3650-NC-050	3650-NC-100
HEATER	kW	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
FLOW	GPM	20.0	20.0	20.0	30.0	30.0	50.0	50.0	50.0	50.0
TDH	PSI	30.0	50.0	100.0	30.0	50.0	100.0	30.0	50.0	100.0
MOTOR	HP	1.0	1.5	2.0	1.5	2.0	3.0	2.0	3.0	5.0
<a href="#">FLA@460/3/60</a>	AMPS	47.7	48.6	49.0	48.6	49.0	50.4	49.0	50.4	53.2
<a href="#">FLA@230/3/60</a>	AMPS	95.4	97.2	98.0	97.2	98.0	100.8	98.0	100.8	106.4
DIMENSIONS	H x W x L (in)	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48
Model	1SSOT	4820-NC-030	4820-NC-050	4820-NC-100	4830-NC-030	4830-NC-050	4830-NC-100	4850-NC-030	4850-NC-050	4850-NC-100
HEATER	kW	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
FLOW	GPM	20.0	20.0	30.0	30.0	30.0	50.0	50.0	50.0	50.0
TDH	PSI	30.0	50.0	100.0	30.0	50.0	100.0	30.0	50.0	100.0
MOTOR	HP	1.0	1.5	2.0	1.5	2.0	3.0	2.0	3.0	5.0
<a href="#">FLA@460/3/60</a>	AMPS	62.8	63.7	64.1	63.7	64.1	65.5	64.1	65.5	68.3
<a href="#">FLA@230/3/60</a>	AMPS	125.6	127.4	128.2	127.4	128.2	131.0	128.2	131.0	136.6
DIMENSIONS	H x W x L (in)	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48	73 x 28 x 48

**UNITS AVAILABLE FROM BUDZAR INDUSTRIES**



Air-Cooled Outdoor Packaged Water Chiller



Portable Chiller



Standard and Custom Temperature Control Modules



Stationary Hot Oil Unit



Lubricating Oil System



Tower Tank System