

## MTO-3

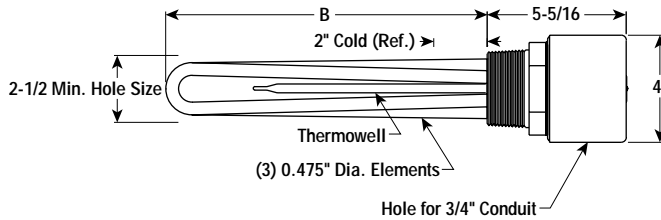
### Light Weight Oil Applications



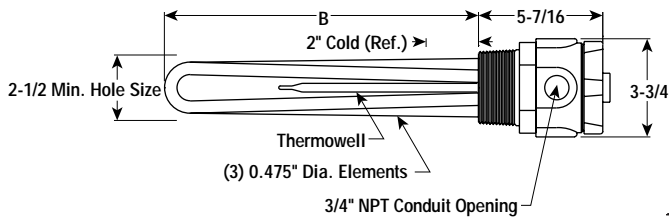
Screw Plug

- 2-1/2" NPT Steel Screw Plug
- Steel Sheath Elements
- 23 - 26 W/In<sup>2</sup>
- 3 - 9 kW
- Without Thermostat
- 120, 208, 240 and 480 Volt, 1 and 3 Phase
- General Purpose or Moisture Resistant/Explosion Resistant Terminal Enclosure

**E1 — Dimensions (Inches)**



**E2 — Dimensions (Inches)**



### Specifications and Ordering Information

						E1 General Purpose <sup>1</sup>				E2 Moisture Resistant/Explosion Resistant <sup>2</sup>			
kW	Volts	Phase	W/In <sup>2</sup>	No. Elem.	DIM B (In.)	Model	Stock	PCN	Wt. (Lbs.)	Model	Stock	PCN	Wt. (Lbs.)
3	120	1	24	3	17-1/4	MTO-330A	AS	191716	6	MTO-330E2	AS	310869	9
3	208	1	24	3	17-1/4	MTO-330A	AS	322000	6	MTO-330E2	AS	322018	9
3	208	3	24	3	17-1/4	MTO-330A	AS	322026	6	MTO-330E2	AS	322034	9
3	240	1	24	3	17-1/4	<b>MTO-330A</b>	<b>S</b>	<b>191724</b>	6	MTO-330E2	AS	289107	9
3	240	3	24	3	17-1/4	<b>MTO-330A</b>	<b>S</b>	<b>191759</b>	6	MTO-330E2	AS	289115	9
3	480	1	24	3	17-1/4	MTO-330A	AS	191732	6	MTO-330E2	AS	289123	9
3	480	3	24	3	17-1/4	<b>MTO-330A</b>	<b>S</b>	<b>191767</b>	6	<b>MTO-330E2</b>	<b>S</b>	<b>289131</b>	9
3.75	120	1	26	3	19-1/16	MTO-337A	AS	191775	6	MTO-337E2	AS	310877	9
3.75	208	1	26	3	19-1/16	MTO-337A	AS	322042	6	MTO-337E2	AS	322050	9
3.75	208	3	26	3	19-1/16	MTO-337A	AS	322069	6	MTO-337E2	AS	322077	9
3.75	240	1	26	3	19-1/16	MTO-337A	AS	191783	6	MTO-337E2	AS	289140	9
3.75	240	3	26	3	19-1/16	<b>MTO-337A</b>	<b>S</b>	<b>191812</b>	6	MTO-337E2	AS	289158	9
3.75	480	1	26	3	19-1/16	MTO-337A	AS	191791	6	MTO-337E2	AS	289166	9
3.75	480	3	26	3	19-1/16	<b>MTO-337A</b>	<b>S</b>	<b>191820</b>	6	MTO-337E2	AS	289174	9
4.5	120	1	24	3	24-3/8	MTO-345A	AS	191839	6	MTO-345E2	AS	310885	9
4.5	208	1	24	3	24-3/8	MTO-345A	AS	322085	6	MTO-345E2	AS	322093	9
4.5	208	3	24	3	24-3/8	MTO-345A	AS	322106	6	MTO-345E2	AS	322114	9
4.5	240	1	24	3	24-3/8	MTO-345A	AS	191847	6	MTO-345E2	AS	289182	9
4.5	240	3	24	3	24-3/8	<b>MTO-345A</b>	<b>S</b>	<b>191871</b>	6	MTO-345E2	AS	289190	9
4.5	480	1	24	3	24-3/8	MTO-345A	AS	191855	6	MTO-345E2	AS	289203	9
4.5	480	3	24	3	24-3/8	<b>MTO-345A</b>	<b>S</b>	<b>191880</b>	6	<b>MTO-345E2</b>	<b>S</b>	<b>289211</b>	9
6	120	1	23	3	32-1/4	MTO-360A	AS	191898	9	MTO-360E2	AS	310893	12
6	208	1	23	3	32-1/4	MTO-360A	AS	322122	9	MTO-360E2	AS	322130	12
6	208	3	23	3	32-1/4	MTO-360A	AS	322149	9	MTO-360E2	AS	322157	12
6	240	1	23	3	32-1/4	MTO-360A	AS	191900	9	MTO-360E2	AS	289220	12
6	240	3	23	3	32-1/4	<b>MTO-360A</b>	<b>S</b>	<b>191935</b>	9	MTO-360E2	AS	289238	12
6	480	1	23	3	32-1/4	MTO-360A	AS	191919	9	MTO-360E2	AS	289246	12
6	480	3	23	3	32-1/4	<b>MTO-360A</b>	<b>S</b>	<b>191943</b>	9	<b>MTO-360E2</b>	<b>S</b>	<b>289254</b>	12

## MTO-3

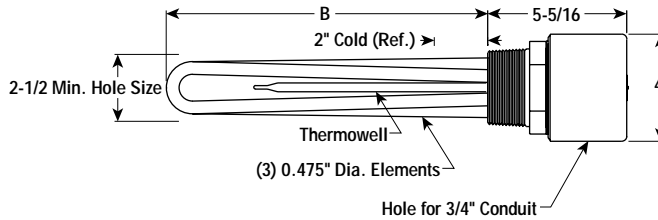
### Light Weight Oil Applications *(cont'd.)*



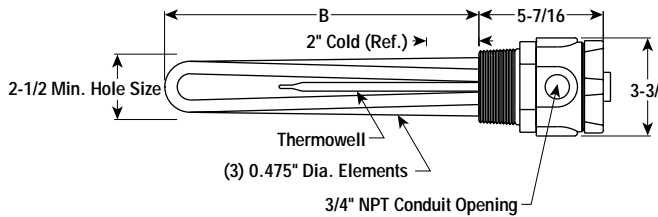
- 2-1/2" NPT Steel Screw Plug
- Steel Sheath Elements
- 23 - 26 W/In<sup>2</sup>
- 3 - 9 kW
- Without Thermostat
- 120, 208, 240 and 480 Volt, 1 and 3 Phase
- General Purpose or Moisture Resistant/Explosion Resistant Terminal Enclosure



**E1 — Dimensions (Inches)**



**E2 — Dimensions (Inches)**



### Specifications and Ordering Information

						E1 General Purpose <sup>1</sup>				E2 Moisture Resistant/Explosion Resistant <sup>2</sup>			
kW	Volts	Phase	W/In <sup>2</sup>	No. Elem.	DIM B (In.)	Model	Stock	PCN	Wt. (Lbs.)	Model	Stock	PCN	Wt. (Lbs.)
7.5	208	1	23	3	39-3/4	MTO-375A	AS	322165	10	MTO-375E2	AS	322173	13
7.5	208	3	23	3	39-3/4	MTO-375A	AS	322181	10	MTO-375E2	AS	322190	13
7.5	240	1	23	3	39-3/4	MTO-375A	AS	191951	10	MTO-375E2	AS	289262	13
7.5	240	3	23	3	39-3/4	<b>MTO-375A</b>	<b>S</b>	<b>191978</b>	10	MTO-375E2	AS	289270	13
7.5	480	1	23	3	39-3/4	MTO-375A	AS	191960	10	MTO-375E2	AS	289289	13
7.5	480	3	23	3	39-3/4	<b>MTO-375A</b>	<b>S</b>	<b>191986</b>	10	MTO-375E2	AS	289297	13
9	208	1	23	3	47-1/4	MTO-390A	AS	322202	11	MTO-390E2	AS	322210	14
9	208	3	23	3	47-1/4	MTO-390A	AS	322229	11	MTO-390E2	AS	322237	14
9	240	1	23	3	47-1/4	MTO-390A	AS	191994	11	MTO-390E2	AS	289300	14
9	240	3	23	3	47-1/4	<b>MTO-390A</b>	<b>S</b>	<b>192014</b>	11	MTO-390E2	AS	289318	14
9	480	1	23	3	47-1/4	MTO-390A	AS	192006	11	MTO-390E2	AS	289326	14
9	480	3	23	3	47-1/4	<b>MTO-390A</b>	<b>S</b>	<b>192022</b>	11	<b>MTO-390E2</b>	<b>S</b>	<b>289334</b>	14

**Stock Status:** S = stock AS = assembly stock NS = non-stock  
**To Order**—Specify model, volts, phase, kW, PCN and quantity.

1. Heaters with General Purpose Enclosures are UL Recognized and CSA Certified.
2. Heaters with Moisture Resistant/Explosion Resistant Enclosures are CSA NRTL/C Certified.