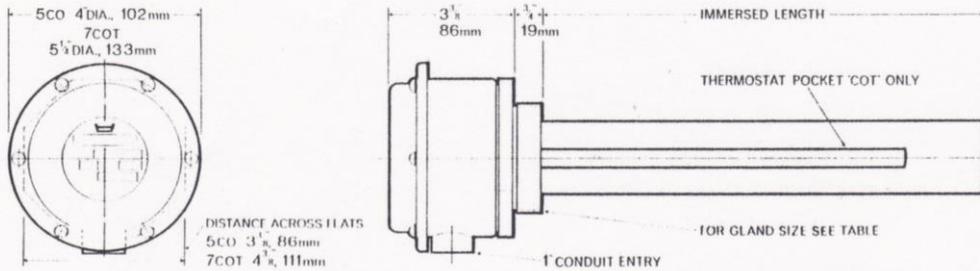




STANDARD RANGE OF HEATERS



Non-Automatic Gland Size 2" B.S.P. List No.	Automatic Gland Size 2 1/2" B.S.P. List No.	Immersed length		Withdrawal length		Maximum Loading kW. (See notes 1, 2, 3)				
		in.	mm.	in.	mm.	20 watts sq. in.	12 watts sq. in.	10 watts sq. in.	8 watts sq. in.	6 watts sq. in.
5CO/12	7COT/12	12	304	14	356	1.5	1	—	—	—
5CO/16	7COT/16	16	406	18	457	2	—	1	—	—
5CO/20	7COT/20	20	508	22	559	2.5	1.5	—	1	—
5CO/24	7COT/24	24	610	26	660	3	2	1.5	—	—
5CO/28	7COT/28	28	711	30	762	3.5	—	—	—	1
5CO/32	7COT/32	32	812	34	864	4	—	2	1.5	—
5CO/36	7COT/36	36	914	38	965	4.5	3	—	—	—
5CO/40	7COT/40	40	1020	42	1067	5	—	2.5	2	1.5
5CO/48	7COT/48	48	1219	50	1270	6	4	3	2.5	—
5CO/56	7COT/56	56	1422	58	1473	7	4.5	3.5	—	2
5CO/60	7COT/60	60	1524	62	1557	7.5	5	—	3	—
5CO/64	7COT/64	64	1626	66	1676	8	—	4	—	—
5CO/72	7COT/72	72	1829	74	1880	9	6	4.5	3.5	2.5
5CO/80	7COT/80	80	2032	82	2083	10	—	5	4	3
5CO/96	7COT/96	96	2438	98	2489	12	8	6	4.5	3.5
5CO/104	7COT/104	104	2642	106	2692	13	—	—	5	4
5CO/120	7COT/120	120	3048	122	3099	15	10	7	6	4.5
5CO/132	7COT/132	132	3353	134	3404	16	—	8	6.5	5

Note:

- Other heater loadings can be taken pro rata, details on request.
- Vertically mounted units can be supplied at extra charge (see price list). These have special element supports. Where a heater is installed with the terminal box uppermost, a suitable dead length is necessary immediately under the head. This results in a loading reduction by the amounts given in the following table.

LOADING: 20 watts per sq. in., reduced by 500 watts.	8 watts per sq. in., reduced by 200 watts.
12 " " " " " " " " 300 watts.	6 " " " " " " " " 150 watts.
10 " " " " " " " " 250 watts.	
- Heaters with single phase supplies are limited to 10 kW. max. load.

Maximum Loadings for Oil Heating

B.S. 799 Part 1/1962 recommends that for storage conditions the maximum watts density should not exceed 8 watts per sq. in. for fuel oils up to 3500 secs viscosity and 6 watts per sq. in. for Coal Tar, fuels, and fuel oil of 6,000 secs viscosity. For other applications, higher watts densities can be used. Please ask for details.

Note: Watts densities may be adjusted when heat take away or flow velocities are increased or when operating temperatures differ from normal.

INFORMATION REQUIRED

The following information is required when dealing with enquiries or orders.

- | | |
|--|--------------------------------------|
| 1 Heating application and type of liquid. | 4 Loading required. |
| 2 Control temperature if automatic heater is required. | 5 Inactive length required (if any). |
| 3 Mounting position (horizontal, upwards, or downwards). | 6 Full details of electrical supply. |

GENERAL INFORMATION

Other oil immersion heaters can be found in catalogue sections O.41-1, O.43-1, O.44-1, O.44-2, O.44-3, O.45-1 and O.45-2. Water immersion heaters can be found in catalogue sections W.41-1, W.42-1, W.43-1, W.44-1, W.44-2, W.44-3 and W.44-4. Special core and rod type heaters for other liquids can be supplied on request. Contactors and Control panels can be supplied as required.

THE MANUFACTURERS RESERVE THE RIGHT TO ALTER THE DESIGN WITHOUT NOTICE

Guaranteed for twelve months. Goods are sold subject to our standard conditions of sale. A copy of these conditions will be supplied on application.

Dunlow Spares and replacements from :

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