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Midland Combustion Electric Immersion Heaters

Midcom Flanged Electric Storage Tank Heaters are thermostatically controlled and fully weatherproof. They are used for heating all oils, water, BIO fuels and other process liquids.

Long life low watts density removable ceramic core elements are designed for optimum trouble free service and ease of maintenance.

All **Midcom** Electric Immersion Heaters are fitted with adjustable temperature control thermostat and over temperature – cut out – thermostat, fitted into pockets and located within a weather tight enclosure.

To prevent the elements becoming uncovered, the draw off the tank should always be **above** the level of the installed heater.

For a more positive method of element protection **Midcom** design an Immersion Heater with integral float level switch. Ask for details..

They are used in large and small storage tanks for either maintaining a tank contents temperature or for raising the contents to a predetermined temperature over a given period.

The standard immersion heater design feature is a low watts rating of 1.2w/cm².

One advantage of the **Midcom** Immersion Heaters is that a failed electric element can be replaced without the need to drain the tank .

They are works tested before leaving the factory.

Midland Combustion Limited

Station Works, Four Ashes, Wolverhampton WV10 7BX, UK

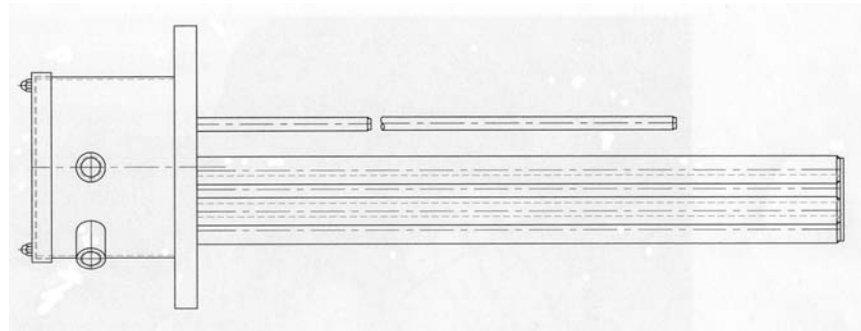
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Midland Combustion Electric Immersion Heaters

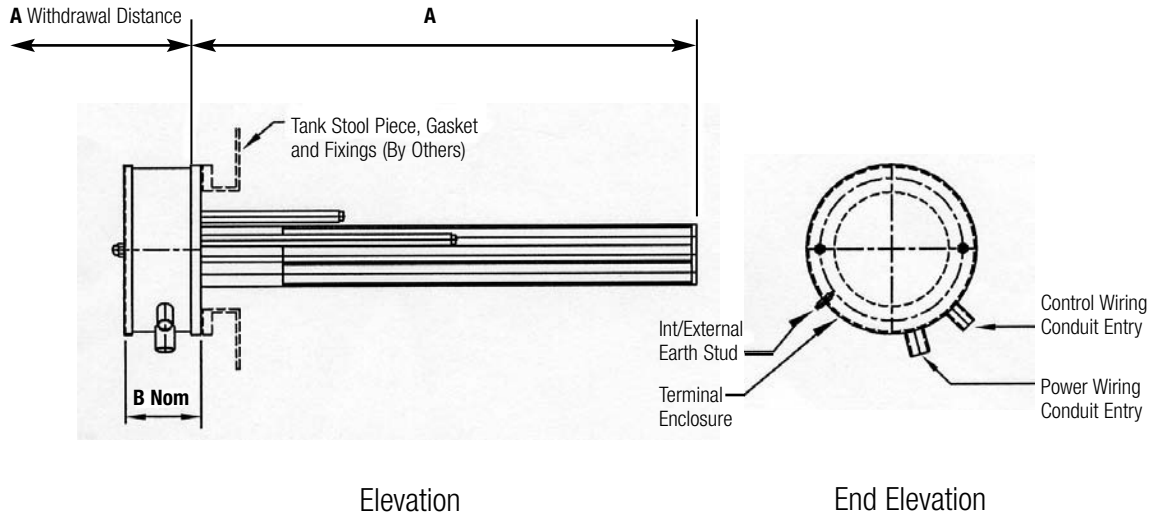


Midcom Code	kW for Heavy Fuel Oils	kW for Lubricating Oils	kW for Waste Oils	Midcom Code	kW for Heavy Fuel Oils	kW for Lubricating Oils	kW for Waste Oils
E 4 - 18	2.7	2.0	1.4	E 10 - 36	48.6	12.2	24.3
E 4 - 24	3.6	2.7	1.8	E 10 - 42	56.7	14.2	28.4
E 4 - 30	4.5	3.4	2.3	E 10 - 48	64.8	16.2	32.4
E 4 - 36	5.4	4.1	2.7	E 10 - 60	81.0	20.3	40.5
E 4 - 42	6.3	4.7	3.2	E 10 - 72	97.2	24.3	48.6
E 4 - 48	7.2	5.4	3.6	E 10 - 84	113.4	28.4	56.7
E 4 - 60	9.0	6.8	4.5	E 10 - 96	129.6	32.4	64.8
E 4 - 72	10.8	8.1	5.4				
E 4 - 84	12.6	9.5	6.3	E 12 - 42	75.6	56.7	37.8
E 4 - 96	14.4	10.8	7.2	E 12 - 48	86.4	64.8	43.2
				E 12 - 60	108.0	81.0	54.0
E 6 - 24	10.8	8.1	5.4	E 12 - 72	129.6	97.2	64.8
E 6 - 30	13.5	10.1	6.8	E 12 - 84	151.2	113.4	75.6
E 6 - 36	16.2	12.2	8.1	E 12 - 96	172.8	129.6	86.4
E 6 - 42	18.9	14.2	9.5				
E 6 - 48	21.6	16.2	10.8				
E 6 - 60	27.0	20.3	13.5				
E 6 - 72	32.4	24.3	16.2				
E 6 - 84	37.8	28.4	18.9				
E 6 - 96	43.2	32.4	21.6				
E 8 - 30	22.5	16.875	9.0				
E 8 - 36	27.0	20.25	13.5				
E 8 - 42	31.5	23.62	15.75				
E 8 - 48	36.0	27.0	18.0				
E 8 - 60	45.0	33.75	22.5				
E 8 - 72	54.0	40.5	27.0				
E 8 - 84	63.0	47.25	31.5				
E 8 - 96	72.0	54.0	36.0				



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Midland Combustion Electric Immersion Heater Dimensions

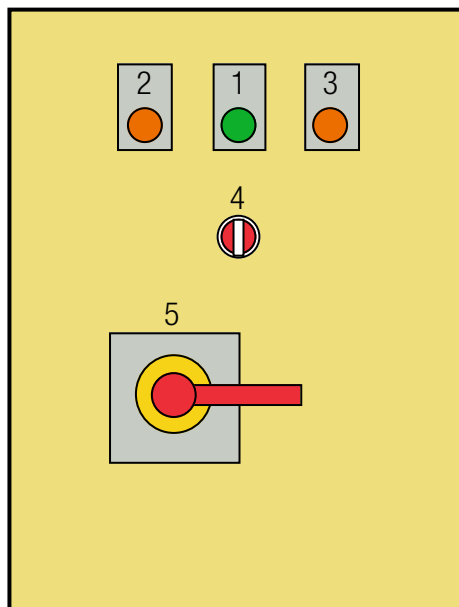
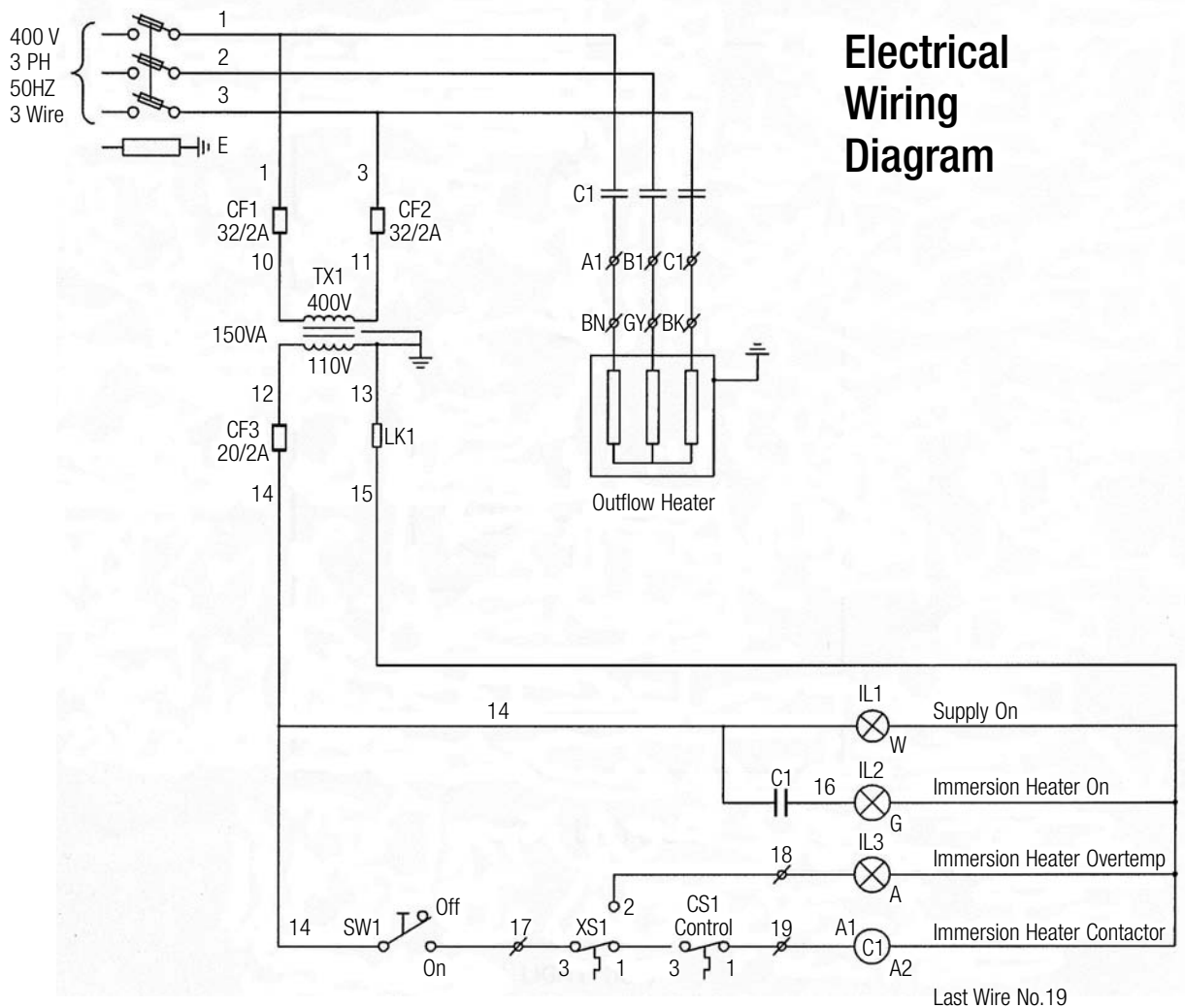


Midcom Code	mm B	Tank Mounting Flange (PN10 BS EN 1092)						
E 4 -	143	100NB - 220 O/D x 20mm Thick C/W 8 off 18 \emptyset Holes on 180 PCD off Centres						
E 6 -	151	150NB - 285 O/D x 20mm Thick C/W 8 off 22 \emptyset Holes on 240 PCD off Centres						
E 8 -	151	200NB - 340 O/D x 20mm Thick C/W 8 off 22 \emptyset Holes on 295 PCD off Centres						
E 10 -	156	250NB - 395 O/D x 25.2mm Thick C/W 12 off 22 \emptyset Holes on 350 PCD off Centres						
E 12 -	156	300NB - 445 O/D x 25mm Thick C/W 12 off 22 \emptyset Holes on 400 PCD off Centres						
	ins	ins	ins	ins	ins	ins	ins	ins
Length	18	24	36	48	60	72	84	96
	mm	mm	mm	mm	mm	mm	mm	mm
A	460	610	915	1220	1525	1830	2135	2440



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Door Layout for Electric Immersion Heater IP65 Control Panel

1. Supply On Light (IL1)
2. Immersion On Light (IL2)
3. Immersion Overtemp Light (IL3)
4. Immersion Off/On Selector Switch
5. Fuse Switch Handle