

EB0016(A)(1PH)/EB0017(A) 9/12 kW

Electric Immersion Heater Kits for Indirect Cylinders



Advenco offer a wide range of electric immersion heater elements and kits designed for use with domestic hot water systems as primary or backup heat sources.

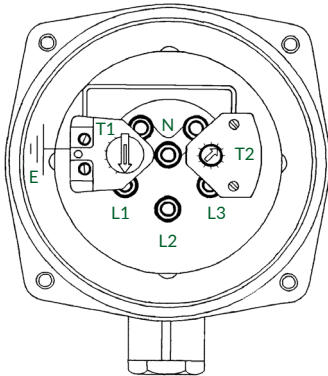
Direct electric immersion heaters provide a reliable source of hot water and are ideal for use with electric-only or renewable hot water systems. When used as a backup, an electric immersion heater is a practical alternative to installation of an entire secondary heating appliance, and is both unobtrusive to existing systems and easily maintained.

Each immersion heater connects using supplied adapter flanges to fit clean-out access points of a hot water tank, and is supplied complete with control and overheat cut-out thermostats contained within the IP55-rated terminal. All elements are sheathed with Nicalloy 825 and are operable up to temperatures of 90°C and pressures of up to 6 Bar.

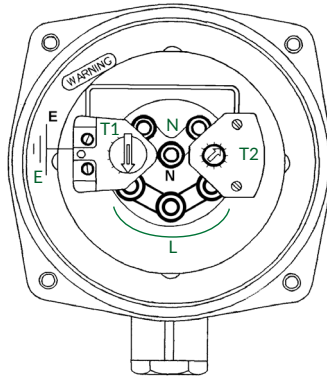
Specifications	EB0016	EB0016A	EB0016/1PH	EB0016A/1PH	EB0017	EB0017A
Capacity	9 kW		9 kW		12 kW	
Supply	Single Phase	n/a	230 V / 1 phase / 50 Hz		n/a	
	Three Phase	415 V / 3 phase / 50 Hz		n/a	415 V / 3 phase / 50 Hz	
Wiring	Single Phase	n/a	L, N, E		n/a	
	Three Phase	L1, L2, L3, N, E		n/a	L1, L2, L3, N, E	
Power	Single Phase	n/a	39 A		n/a	
	Three Phase	13 A / phase		n/a	18 A / phase	
Heat intensity	9.2 W/cm ²		9.3 W/cm ²		10.4 W/cm ²	
Max. Working Temperature	90°C		90°C		90°C	
Max. Working Pressure	6 bar		6 bar		6 bar	
Immersed length	460 mm (18.1")		460 mm (18.1")		510 mm (20")	
Control adjustment range	30-70°C		30-70°C		25-65°C	
	Part code: E0043.1		Part code: E0043.1		Part code: E0010	
Overheat factory set point	95°C		95°C		80°C	
	Part code: E0044		Part code: E0044		Part code: E0010	
Flange connection size and part code	182 mm 0310038S	257 mm 0310041S	182 mm 0310038S	257 mm 0310041S	182 mm 0310038S	257 mm 0310041S
Immersion element part code	E0023	E0023	E0062	E0062	E0024	E0024
EPDM gasket flange part code	E0042,1	E0042	E0042,1	E0042	E0042,1	E0042
2.25" element fibre gasket code	E0042.3	E0042.3	E0042.3	E0042.3	E0042.3	E0042.3



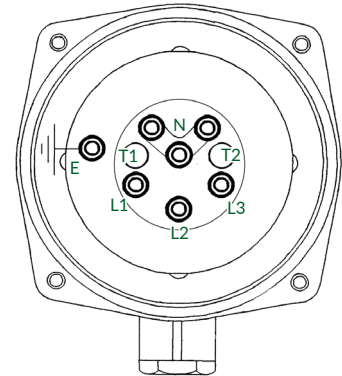
EB0016, EB0016A
Terminal Layout



EB0016/1PH, EB0016A/1PH
Terminal Layout



EB0017, EB0017A
Terminal Layout

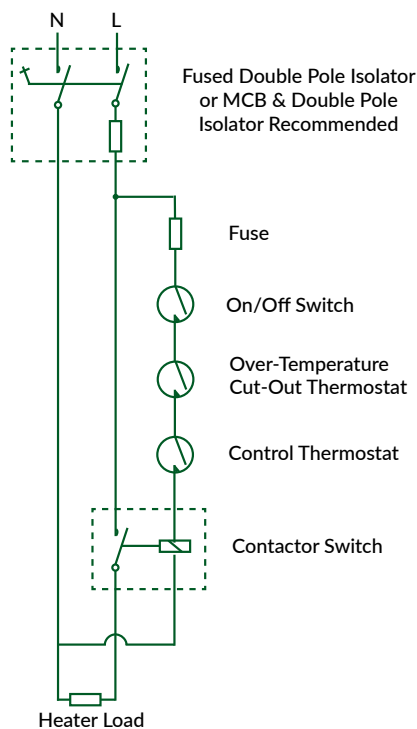


Suggested Wiring Layout:

A suitable contactor switch is required for all installations. Note that fuses, contactors, isolators and on/off switches must be supplied separately.

This appliance must be earthed.

Single Phase



Three Phase

