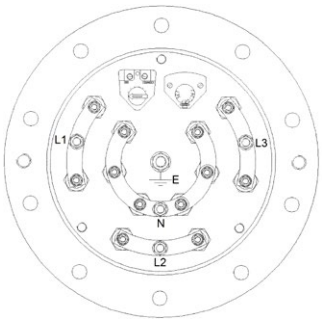
PRODUCT DATA SHEET
TR200003.r1

ADVECO
EXPERTLY ENGINEERED FOR YOU

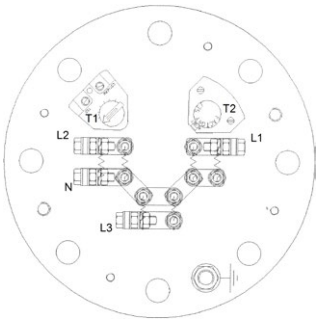
EB0018(A)/EB0019(A) 18/24 kW

Electric Immersion Heater Kits for Indirect Cylinders

EB0018, EB0019A
Terminal Layout



EB0018A, EB0019
Terminal Layout



The design of the Adveco SSB/SSI/SST, GLE and A.O. Smith IT/ST/ITE/ITS ranges of indirect water heaters and buffer vessels allow for the installation of supplementary immersion heaters, granting a reliable level of reserve heating capacity in the event of a primary heat source failure.

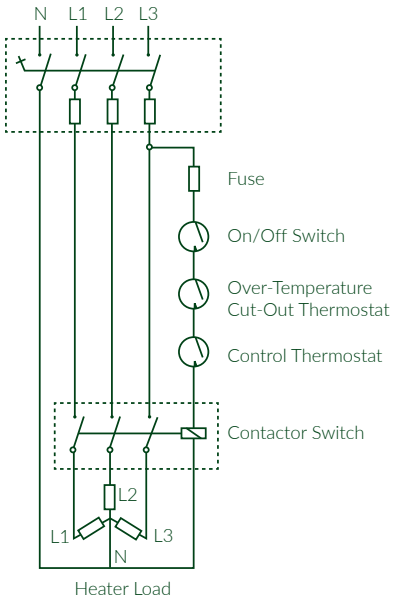
Using an electric immersion heater as a backup source of water heating is a practical alternative to installation of an entire secondary heating unit, and is both unobtrusive to existing systems and easily maintained.

Each heater connects using a supplied gasket and adapter flange to the clean-out access of a compatible hot water tank. Also included is a combined dual control and overheat temperature cut-out thermostat and pocket. The elements are suitable for working temperatures up to 90°C and working pressures of up to 10 bar.

Suggested Wiring Layout:

Note that fuses, contactors, isolators, and on/off switches must be supplied separately. Terminal thermostat pockets should remain empty. Dual stat pocket provided should be installed separately, above the elements with at least 300mm separation.

This appliance must be earthed.



Technical Specifications	EB0018	EB0018A	EB0019	EB0019A
Capacity	18 kW		24 kW	
Supply	415 V / 3 phase / 50 Hz			
Wiring	L1, L2, L3, N, E			
Power (three phase)	26 A/phase		35 A/phase	
Heat intensity	9.4 W/cm²	7.8 W/cm²	9.1 W/cm²	9.2 W/cm²
Immersed length	460 mm (18")		510 mm (20")	
Dual thermostat and pocket, part: E0010	Control range: 25-65°C Overheat set: 80°C			
Compatible range	ST/IT/ITE/ITS 300-500, SSB/SSI/SST 500-2500 GLE 200-300	ST/IT/ITE/ITS 600-1000	ST/IT/ITE/ITS 600-1000	ST/IT/ITE/ITS 400-500, SSB/SSI/SST 500-2500 GLE 200-300
Immersion heater part no.	E0025	E0025A	E0026A	E0026
Ancillaries	Integral control and overheat thermostat via contactor			
Gasket part	E0042.1	E0042	E0042	E0042.1
Element rod mounting	Fixed	Replaceable	Replaceable	Fixed

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