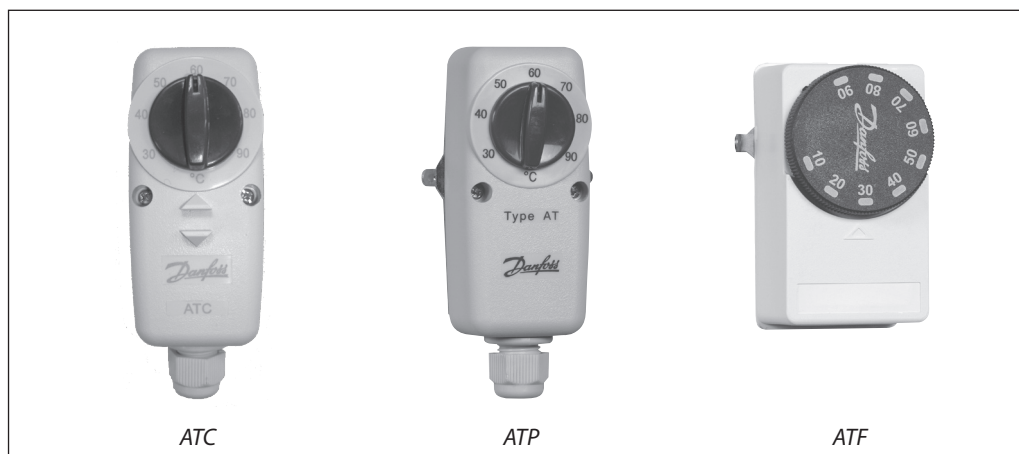


## Datasheet

# ATC, ATP and ATF Clamp-On Thermostats

### Features



#### ATC CLAMP-ON CYLINDER THERMOSTAT

The ATC clamp-on cylinder thermostat, which comes complete with cylinder fixing strap, is configured specifically for the control of domestic hot water cylinders.

The thermostat, which utilizes a bi-metallic strip provides reliable and repeatable control, over a wide range of temperatures (30-90°C).

The electrical contacts provide single pole double throw operation making the thermostat suitable for all types of motorised valves, including 3 port mid-position types.

The thermostat, which is not pre-wired, incorporates a sturdy mechanical cable gland which enhances installation standards.

#### ATP CLAMP-ON PIPE THERMOSTAT

The ATP clamp-on pipe thermostat, which comes with a pipe fixing strap, is configured specifically for use as a pipe thermostat, and is suitable for use on pipes of up to 2" diameter (50mm).

The thermostat utilizes a bi-metallic strip. The metal base of the thermostat makes direct contact with the pipe. This type of construction provides accurate and repeatable control.

Typical applications include:

- Pump run on thermostat.
- Safety thermostat for use in solid fuel heating systems.
- Shunt pump control in oil fired installation.

#### ATF CLAMP-ON FROST PROTECTION THERMOSTAT

The ATF clamp-on pipe thermostat has a set range of 10-90°C. The lower set point of 0°C makes the thermostat particularly suited for frost protection applications.

The ATF which utilises a vapour filled bellows, comes with pipe fixing strap. The ATF can be used in most frost protection applications which require a pipe thermostat including:

- 2nd stage operation in 2 stage frost protection schemes.
- Frost protection termination function in systems which utilise a room thermostat to initiate boiler operation during periods of low internal room temperature.

### Specifications

	ATC Cylinder Thermostat	ATP Pipe Thermostat	ATF Pipe Frost Thermostat
Temperature Rating (°C)	30-90	30-90	10-90
Voltage Rating of Switch	220/240 Vac, 50 Hz		
Contact Rating of Switch	6(2.5)A	6(2)A	6(2)A
Switch Configuration	SPDT		
Switching Differential (K)	6-10	6-10	8
Supplied with Fixing Strap for cylinders	●		
Supplied with Fixing Strap for pipes (½ - 2")		●	●
Dimensions (mm)	Wide High Deep	40 120 58	40 85 58

## Datasheet

# ITC, ITL and ITD Immersion Thermostats

### Features



#### ITC 100 Immersion Control Thermostat

The ITC 100 immersion thermostat has a 100mm insertion length. This thermostat, which is supplied with a ½" BSP/100mm pocket, is suitable for the control of any application which requires accurate immersion sensing, for example in unvented hot water systems. It which has an adjustment range of 0-90°C and has SPDT contacts making it suitable for the control of all types of motorised valves.

#### ITL 100 Immersion Limit Thermostat

The ITL 100 immersion limit thermostat has an insertion length of 100mm. This thermostat, which is supplied with a ½" BSP/100mm pocket is suitable for any application which demands an immersion thermostat offering manual re-set facility. The thermostat is factory pre-set to 90°C and has SPDT contacts.

#### ITD 100 Immersion Dual Control & Limit Thermostat

The ITD 100 immersion thermostat incorporates a separate limit and control function. The control function set point can be varied between 0°C and 90°C. The limit function, which requires manual re-setting after activation, is factory pre-set to 100°C. This thermostat is supplied with a ½" BSP/100mm pocket.

Thermostats	ITC Control	ITC Control (tamperproof)	ITL Limit	ITD Dual	ITD Dual
Order Codes	099-1057	099-1058	099-1059	099-1061	099-1062
Control Function (Thermal Reset)	●	●			●
Limit Function (Manual Reset)			●		●
Dual Control and Limit Function					●
Temperature Range (°C)	0-90	0-90		0-90	0-90
Temperature Range (Limit)			90-110°C, Factory set to 90°C		90-110°C, Factory set to 80°C
Switching Differential	4 ± 1K	4 ± 1K	-	4 ± 1K	
Switch Configuration	SPDT	SPDT	SPST	SPDT (control), SPST (limit)	
Switch Voltage Rating	220/240 Vac				
Switch Current Rating	10 (2.5) A				
Max. Ambient Temperature (Head)	65°C	65°C	80°C	80°C	
Max. Medium Temperature	150°C	150°C	150°C	150°C	
Supplied with ½" BSP(m) x 100mm Pocket	●	●	●	●	
Dimensions of Thermostat Head (mm)	Wide High Deep	55 110 55.5	55 110 55.5	55 110 56.5	100 110 56.5

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