



## CONTROL THERMOSTATS Information sheet

There are many occasions when the fitting of a separate control thermostat is advisable. Common ones are: as a safety thermostat covering a diesel fuel tank heater, as a temperature control for a sump heater, as a remote head temperature thermostat for a coolant heater, etc.

**PEREGRINE** immersion thermostats are available in two probe lengths, both in standard and weatherproof models, all with either 0-40C or 35-80C thermostats fitted. To further increase the adaptability of the units, various stock thread sizes are available, others upon request. Further to this range, we do stock many other types of thermostat for other applications. The **PEREGRINE** immersion thermostats, shown on drawings P1033 (standard) and P1034 (weatherproof) have probe length of either 168mm or 273mm, depending on application. The standard thread size on these probes is 1/2" BSP, but they are available with virtually any other thread you may require over 12mm. Please see below for part numbers and ordering details. The standard thermostat's connector box has two 20mm connections for ease of wiring, the weatherproof unit having a single outlet fitted with 2 metres of cable and 1750mm of weatherproof flexible conduit.

We also stock a range of 'air' thermostats which are commonly used with our engine sump heaters as follows; The engine sump heater is controlled to 50C or 60C by a **PEREGRINE** probe thermostat. The heater/thermostat is in turn controlled on by an air thermostat set at 10°C. This ensures that when the ambient temperature falls below 10C, the engine oil temperature is controlled to the probe thermostat setting. Air thermostats are also used directly with engine sump heaters where there is insufficient room to fit a probe thermostat. The air thermostats are also commonly used in conjunction with our battery pan heaters, alternator heaters and many other applications.

**PEREGRINE** battery-pan heaters for example are supplied with an air thermostat which is attached to the battery housing to give direct control of the low wattage heater and to ensure that the batteries are not overheated should the temperature increase locally due to engine running etc.

Standard control thermostats available: -

Air thermostats: -

Standard type      PATS  
Tamperproof type    PATT  
Weatherproof type    PATW

### **PEREGRINE** Probe Thermostats

	0-40C, 168mm	0-40C, 273mm	35-80C, 168m	35-80C, 273mm
STANDARD	PH8/7G.thd	PH8/11G.thd	PH8/7H.thd	PH8/11H.thd
WEATHERPROOF	PH8/7GW.thd	PH8/11GW.thd	PH8/7HW.thd	PH8/11HW.thd

If no thread size specified following our part number we will automatically supply 1/2" BSP. If any thread size specified which is not possible (too small) we will get back to you.