

# Circulators

## Flow Heater FH16-D

**Grant**  
IN THE LABORATORY

Compact closed circulator designed for applications where an open tank is unsuitable or inconvenient.

### Flow Heater FH16-D

Range ambient to +5 to 80°C (with accessory cooling), stability  $\pm 0.004^\circ\text{C}$  (DIN58966). Maximum pump flow 19 litres/minute, pump head 2.2 metres. With digital temperature display. Once set the required temperature cannot be altered accidentally. Overall 340 x 205 x 140mm L x W x H. For 220-240V 50Hz single phase supplies, 900W.

CL100-22 FH16-D

### Accessories

#### Filler/Deaerator BS15

With removable lid and 6mm tubing connections.

CL103-08 BS15

#### Remote Probes

For use with FH16-D only. With 2 metres of cable.

CL105-17 FF17, fast response, nylon

CL105-19 LL17, robust stainless steel



CL100-22 with CL105-19

## Flow Monitors

### Electrothermal

#### Flow Monitors

For protecting electrically operated equipment that requires a flow of aqueous liquid for safe use.

If the aqueous flow reduces significantly for a period of approximately 10 seconds a red LED indicator will light and an audible alarm will sound. At the same time the electrical power to the equipment under control will be disconnected.

- ◆ Senses 'low-flow'
- ◆ Visual and audible alarms and equipment switched off if 'low-flow' for 10 seconds
- ◆ For flow rates from 0.5 to 15 litres/minute
- ◆ Liquid contacts only PVDF, sapphire, ceramic, Viton
- ◆ Sensor fits 8mm bore pipe
- ◆ Solid state switching; 10 amps
- ◆ Socket for switching an accessory remote audible alarm

Housed in a cast aluminium box which can be free standing, wall mounted or clamped to a 12.7mm diameter support rod. Overall 80 x 120 x 100mm H x W x D. For 220-240V 50/60Hz single phase supplies.

	Model	Flow rate
FR300-10	FM110	0.5 to 15 litres/minute



FR300 in use