



**No 1 in  
HOT WATER  
TECHNOLOGY**

# **Hot & Cold Water Mixing Valve**

## **VERSATILE, SAFE HOT WATER SUPPLIES**

### **SIMPLE, COST-EFFECTIVE SOLUTION FOR HOT OR WARM WATER... INSTANTLY**

The Dynafluid 3000 offers a straightforward and economic solution for instant, temperature-controlled hot water on demand. Mixing high temperature hot water from a boiler or heat exchanger with cold water, the Dynafluid 3000 gives precisely controlled warm or hot water where it is needed, at the point of use.

### **WASH-DOWN**

The thermostatically controlled Dynafluid 3000 is the ideal choice for the washing down of walls or floors, carcass-cleaning and vessel filling. It is the logical choice for any operation that has a ready supply of high temperature water that needs to be reduced to a lower temperature before it can be used.

Typical uses include abattoirs, breweries, food production and processing plants, the petrochemical and processing industries - in fact, anywhere that hygiene is paramount.

### **ALWAYS IN CONTROL**

The Dynafluid 3000 is a thermostatic valve that can be adjusted from 40°C up to the factory-set maximum of 60°C and, in normal operating conditions, the temperature is held to within +2°C.

A manual override can increase the outlet temperature to a maximum of 70°C for particularly demanding cleaning operations that require water of a higher temperature.



In the event of failure of the cold water supply, the valve will shut down within five seconds, preventing high

temperature hot water from being discharged.

### **TOUGH AND BUILT TO LAST**

This valve is specifically designed to operate in the harshest industrial environments. The main valve body is cast in gunmetal and the large adjustment knob and mounting bracket are in tough engineering plastic. Inside, the thermostatic and check valve cartridges are made in heat resistant thermoplastic polymers.

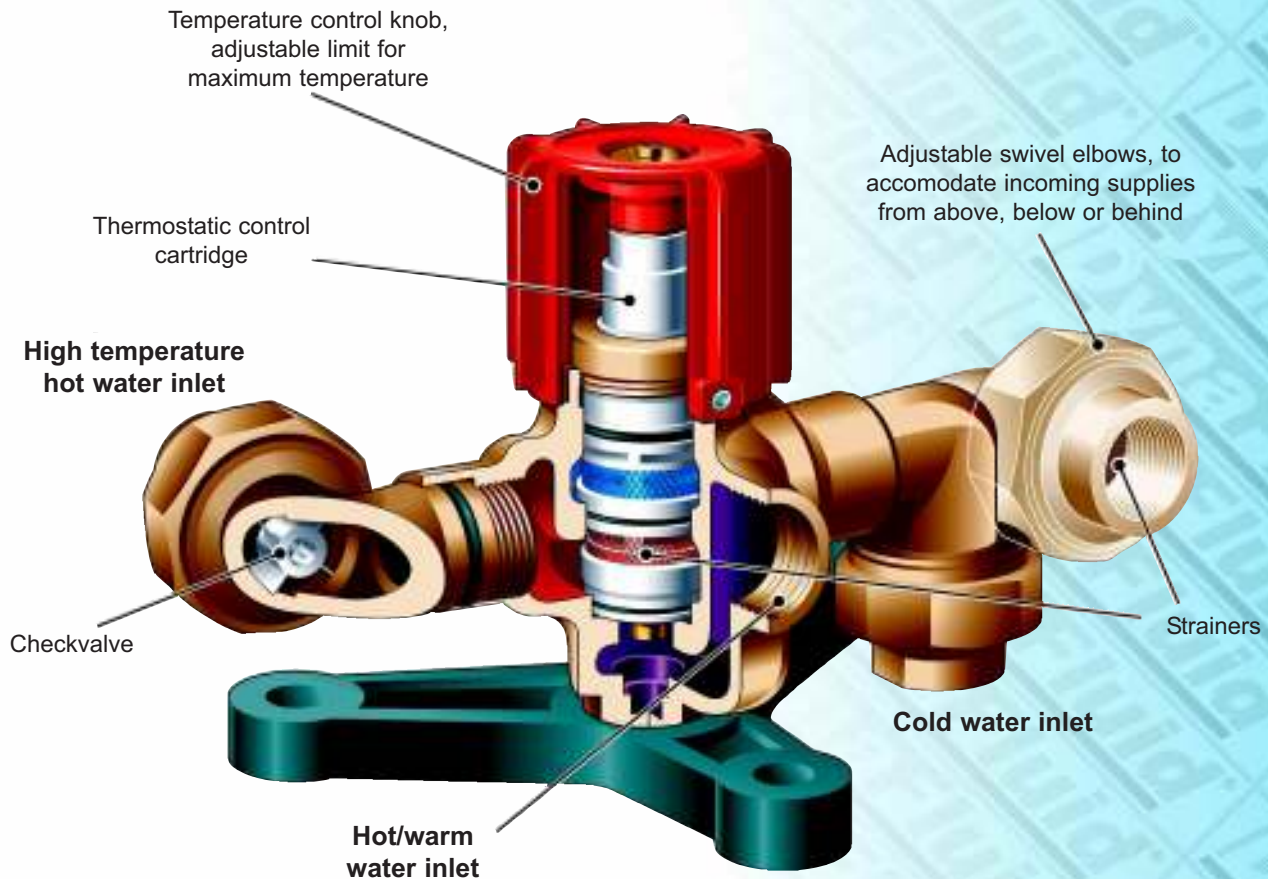
The Dynafluid 3000 operates over a range of 0.5 to 6.0 bar operating pressure and 10 bar static pressure.

End connections are industry-standard 3/4 inch BSP female threads, with 6 inch (150mm) pipe centres.



***Dynafluid - at the heart of abundant and low-cost hot water supplies.***

# **PROFILE OF THE DYNAFLUID 3000 VALVE**



## **DYNAFLUID 3000 - JUST LOOK AT THE BENEFITS:**

- Instantaneous hot water
- Versatile—can be installed wherever a ready supply of hot water is available
- Safe—valve shuts down within five seconds if cold water supply fails
- Accurate—controls temperature to within  $\pm 2^{\circ}\text{C}$
- Service-free temperature control cartridge
- Easy to service without removing from pipework—full spares availability
- Straightforward installation—requires no gas or electricity supply
- Complete with strainers and check valves



Whatever your hot water requirements, we've the innovative answer. Steam and water mixers plus a full washdown range including waterguns and lances, self-retracting hoses, hot-and-cold water mixing valves and couplings. There are stainless steel options for the ultimate in hygiene. Everything for both high and low pressure applications.

The core of our range is the Dynafluid 2000 steam and water mixing valve. This product has built a solid international reputation for leadership over a 40-year history and a programme of continued improvement will ensure that this leadership is maintained.

***From a single component to a full washdown system - talk to Dynafluid.***



Cert. No. LRQ 0910407



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