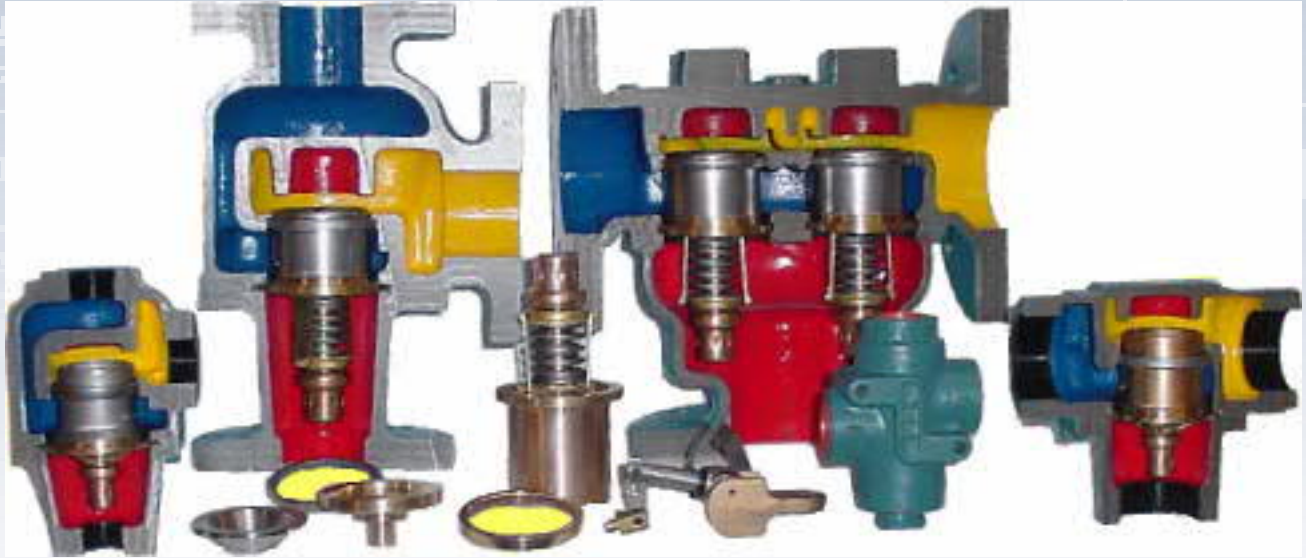


# Thermostatic Control Valves From Fluid Power Energy:



## Superior Quality And Delivery At A Great Price.

**Fluid Power Energy (FPE)**, an ISO 9001-2000 Certified Company, was established in 1975 with one goal in mind: To provide high quality, economically priced Thermostatic Control Valves for the Industrial Equipment, Industrial Engine and Industrial Compressor Markets. With more than 25 years of experience in the industry, FPE has established itself as a leader in its field.

FPE has made every effort to greatly improve the quality, performance and pricing of Thermostatic Control Valves, but it doesn't stop there. Superior customer service and complete satisfaction is an integral part of every order. Our commitment to you: We will deliver a **QUALITY** product **ON TIME** at a **LOWER COST**. Let us show you why FPE is your best source for Thermostatic Control Valves.

### Features

- Wide Range of Temperatures
- Heavy Duty
- Self-Contained
- Replaceable Element
- Non-Adjustable
- Rugged Construction
- Tamper-Proof
- Operate in Any Position
- Compact



## FPE Valves

| <u>Model</u> | <u>Description</u>                 | <u>Available Sizes</u>         | <u>Materials</u>   |
|--------------|------------------------------------|--------------------------------|--------------------|
| 0750         | Three-Way & Two-Way (Water Saver)  | 1/2", 3/4"                     | AL, B              |
| 1010         | Three-Way                          | 1/2", 3/4", 1"                 | A, AL, B, D, S, SS |
| 1011         | Two-Way (Water Saver)              | 1/2", 3/4", 1", 1 1/4", 1 1/2" | A, AL, B, D, S, SS |
| 1530         | Three-Way (T-Style)                | 1", 1 1/4", 1 1/2"             | A, B, D, S, SS     |
| 2010         | Three-Way                          | 1 1/2", 2"                     | A, B, D, S, SS     |
| 2012         | Three Way (T-Style)                | 1 1/2", 2"                     | A, B, D, S, SS     |
| 2013         | Three-Way (T-Style), Mounting Ribs | 1 1/2", 2"                     | A, B, D, S, SS     |
| 2014/15      | Three-Way (Refrigeration)          | 1 1/2", 2"                     | S                  |
| 2510         | Three-Way (T-Style)                | 2 1/2"                         | A, B, D, S, SS     |
| 3010         | Three-Way (T-Style)                | 3"                             | A, B, D, S, SS     |
| 4010         | Three-Way (T-Style)                | 4"                             | A, B, D, S, SS     |
| 5010         | Three-Way (T-Style)                | 5"                             | A, B, D, S, SS     |
| 6010         | Three-Way (T-Style)                | 6"                             | A, B, D, S, SS     |
| Air Stop     | Air Shutoff Valve                  | 2" through 8"                  | AL                 |

**Threads/Connections:** NPT, SAE O-Ring, Socket Weld, 125# Flat Face Flange, 150# and 300# Raised Face Flanges. Navy Flange and Metric Flange are available upon request.

**Specialty/Products:** Reduced Stroke Elements (high over-temperature), Low-Flow Valves, Manual Override Thermostatic Valves, Lube Management Blocks

**Flow Range:** 2 to 1200 GPM

**Materials:** A=Cast Iron, AL =Aluminum, B=Bronze, D=Ductile, S=Steel, SS=Stainless Steel



## FPE Is Also Your Best Source For COMPETITOR'S PARTS

*Fluid Power Energy carries quality replacement parts including:*

- Thermostatic Elements: Standard, Plated, Manual Override, Reduced Stroke
  - Lube Oil Management Blocks
  - Custom Castings & Machining
    - Housing Seals & Gaskets
      - O-Rings
      - Filterstats
      - Service Kits



### FLUID POWER ENERGY, INC.

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VISIT OUR WEBSITE AT:

[www.fpevalves.com](http://www.fpevalves.com)

### To Order

Specify model number, nominal temperature desired, and housing material. For model coding information, visit our website or consult your factory representative.

# Model 1010

## Three-Way Thermostatic Valve

|         |          |
|---------|----------|
| 1010    | 1/2" NPT |
| 1110    | 3/4" NPT |
| 1210    | 1/2" NPT |
| 1010J8  | SAE #8   |
| 1010J12 | SAE #12  |
| 1010J16 | SAE #16  |

Fluid Power Energy Thermostatic Valves utilize the principle of expanding wax, which in the semi-liquid state undergoes large expansion rates within a relatively narrow temperature range. The self-contained power element activates a stainless steel sliding sleeve which provides positive three-way valve action. All FPE Thermostatic Valves are factory set at predetermined temperatures: no further adjustments are necessary. A wide range of temperatures are available for water and oil temperature control applications.

When used in a diverting application, on start-up the total fluid flow is routed back to the main system. As fluid temperature rises to the control range, some fluid is diverted to the cooling system. As fluid temperature continues to increase, more flow is diverted. When the thermostat is in a fully stroked condition, all fluid flow is directed to the cooling system. FPE Thermostatic Valves may also be used in a mixing application.

In a mixing application, hot fluid enters the "B" port and colder fluid enters the "C" port. The flows mix and the thermostat adjusts to reach the desired temperature, exiting the "A" port.

Standard FPE thermostatic valve housings are made from aluminum and grey iron castings, however, ductile iron, bronze, steel and stainless steel housings are available.

Optional 1010 features: High over temperature element, plated element.



## Features

- Self-Contained
- Non-Adjustable
- Tamper-Proof
- Compact
- Wide Range of Temperatures
- Heavy Duty
- Replaceable Element
- Rugged Construction
- Operate in Any Position



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# Model 6010

## Three-Way Thermostatic Valve



6010      6" Flange

Fluid Power Energy Thermostatic Valves utilize the principle of expanding wax, which in the semi-liquid state undergoes large expansion rates within a relatively narrow temperature range. The self-contained power element activates a stainless steel sliding sleeve which provides positive three-way valve action. All FPE Thermostatic Valves are factory set at predetermined temperatures: no further adjustments are necessary. A wide range of temperatures are available for water and oil temperature control applications.

When used in a diverting application, on start-up the total fluid flow is routed back to the main system. As fluid temperature rises to the control range, some fluid is diverted to the cooling system. As fluid temperature continues to increase, more flow is diverted. When the thermostat is in a fully stroked condition, all fluid flow is directed to the cooling system. FPE Thermostatic Valves may also be used in a mixing application.

In a mixing application, hot fluid enters the "B" port and colder fluid enters the "C" port. The flows mix and the thermostat adjusts to reach the desired temperature, exiting the "A" port.

Standard FPE thermostatic valve housings are made from grey iron castings, however, ductile iron, bronze, steel and stainless steel housings are available.

Available connections: 125# FF Flange, 150# RF Flange, 300# RF Flange, Navy and Metric Flanges

Optional Features: Manual Override, High Over Temp element, Plated element

## Features

Self-Contained

Non-Adjustable

Tamper-Proof

Compact

Wide Range of Temperatures

Heavy Duty

Replaceable Element

Rugged Construction

Operate in Any Position



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ISO 9001-2000







# OIL CLEANING CENTRIFUGE

## Models 75, 75-1



### FEATURES

- True Centrifuge
- Reduces Hazardous Waste
- Reduces Engine Wear
- Extends Oil and Filter Life
- Removes Solids Below One Micron
- Diagnostic Tool
- User Friendly
- Easy Installation
- Rugged Construction



Made in U.S.A.

INSTALLATION • SERVICE • PARTS