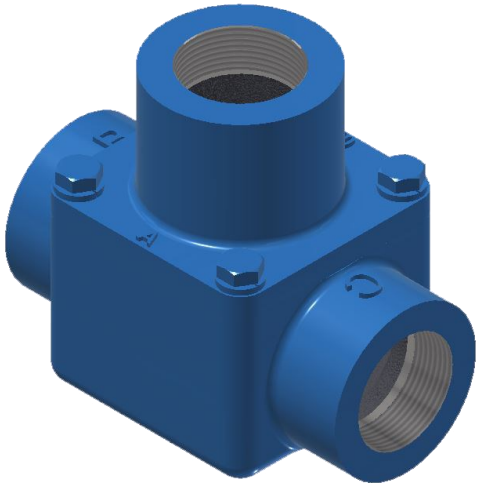
Model 1530

1¼" to 1½" (DN32 & DN40)
Three Way Thermostatic Valves

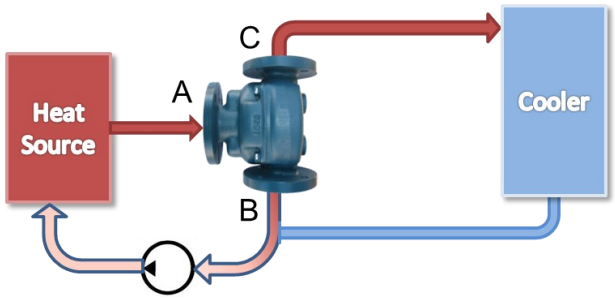


Compact and Reliable Temperature Control

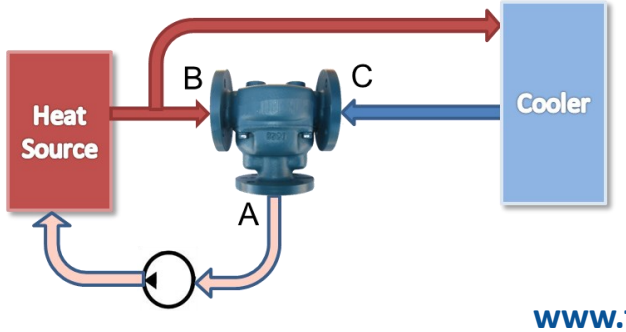
Fluid Power Energy (FPE) thermostatic valves utilize the principle of expanding wax, which in the semi-liquid state undergoes large expansion rates within a relatively narrow temperature range. The self-contained element activates a stainless steel sleeve, which directs flow.

All FPE thermostatic valves are factory set at predetermined temperatures: no field calibration ever required.

When connected as a diverting system an FPE thermostatic valve is used to divert liquid to a cooler once it reached a predetermined temperature. Typically used on diesel and gas engine cooling systems.



When connected as a mixing system an FPE thermostatic valve is used to mix hot and cool liquid to produce a consistent temperature output. Typically used to maintain oil temperature and hence viscosity on lubrication systems.



Popular Variations

1530	1½" NPT
1530-1	1¼" NPT
1530A	1½" BSPP
1530J16	SAE-16 O-Ring
1530J20	SAE-20 O-Ring
1530J24	SAE-24 O-Ring
F1530	Flanged

Features and Benefits

- Wide range of temperatures
- Compact and Heavy duty
- Self-contained
- Replaceable element
- Non-adjustable
- Rugged construction
- Tamper-proof
- Operate in any orientation

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Model 1530 Three Way Thermostatic Valve Specifications

Units shown in inches (mm) & lbs (Kg)

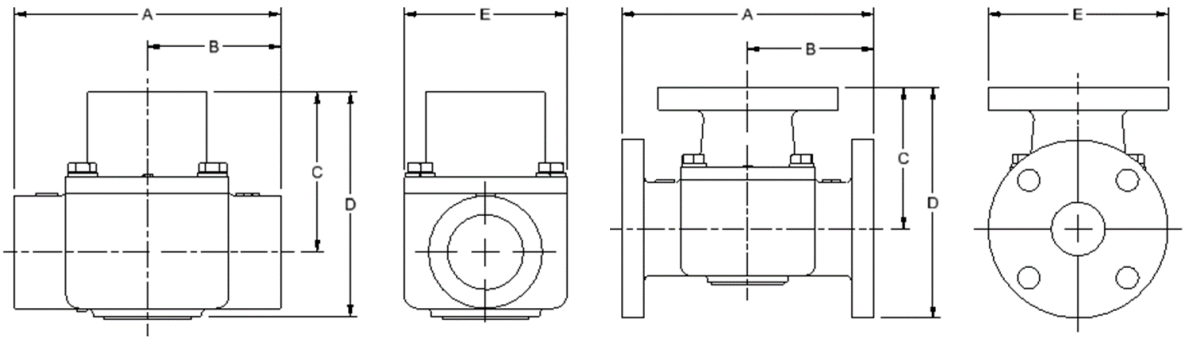
Ported Valves			PRINCIPAL DIMENSIONS UNITS - in (mm)					Weight - lb (kg)				
MODEL NUMBER	CONNECTION SIZE	Material	A	B	C	D	E	A	AL	B	D	S/SS
*1530-1	1 1/4" NPT	A/AL B/BL/D S/SS	6.1 (154.9)	3.1 (78.7)	3.7 94.5	5.2 (132.1)	3.8 (96.5)	9.0 (4.1)	3.9 (1.8)	10.8 (4.9)	8.8 (4.0)	9.6 (4.4)
*1530-1A	1 1/4" BSPP											
*1530-1B	1 1/4" BSPT											
*1530	1 1/2" NPT							8.5 (3.9)	3.7 (1.7)	10.4 (4.7)	8.5 (3.9)	9.3 (4.2)
*1530A	1 1/2" BSPP											
*1530B	1 1/2" BSPT											
*1530JU33	M33 X 2							9.0 (4.1)	3.9 (1.8)	10.9 (4.9)	8.9 (4.0)	9.7 (4.4)
*1530JU42	M42 X 2							8.6 (3.9)	3.7 (1.7)	10.3 (4.7)	8.5 (3.9)	9.3 (4.2)
*1530JU48	M48 X 2							8.2 (3.7)	3.6 (1.6)	9.8 (4.4)	8.1 (3.7)	8.8 (4.0)
*1530J16	SAE-16							9.0 (4.1)	3.9 (1.8)	10.9 (4.9)	8.9 (4.0)	9.7 (4.4)
*1530J20	SAE-20							8.6 (3.9)	3.7 (1.7)	10.3 (4.7)	8.5 (3.9)	9.3 (4.2)
*1530J24	SAE-24							8.2 (3.7)	3.6 (1.6)	9.8 (445)	8.1 (3.7)	8.8 (4.0)

REPLACE * WITH BODY MATERIAL : A=CAST IRON, AL=ALUMINUM, B=BRONZE, D=DUCTILE IRON, S=STEEL, SS=STAINLESS STEEL
Weights are approximate - unpacked)

Socket Weld Valves			PRINCIPAL DIMENSIONS UNITS - in (mm)					Weight - lb (kg)
MODEL NUMBER	CONNECTION SIZE	Material	A	B	C	D	E	S/SS
*1530F48	1 1/2", 1 1/2" BORE	S/SS	6.1 (154.9)	3.1 (78.7)	3.7 (94.0)	5.2 (132.1)	3.8 (96.5)	8.7 (3.9)

Flanged Valves			PRINCIPAL DIMENSIONS UNITS - in (mm)					
MODEL NUMBER	CONNECTION SIZE	Material	A	B	C	D	E	Weight - lb (kg)
*F1530	1 1/2" CLASS 125	A	7.0 (177.8)	3.5 (88.9)	4.0 (101.6)	6.5 (165.1)	5.0 (127.0)	17.2 (7.8)
	1 1/2" CLASS 150	B/BL	6.9 (175.3)	3.4 (86.4)	3.9 (99.1)	6.4 (162.6)		19.9 (9.0)
		D	7.1 (180.3)	3.6 (91.4)	4.1 (104.1)	6.6 (167.6)		17.8 (8.1)
		S/SS	7.0 (177.8)	3.5 (88.9)	4.0 (101.6)	6.5 (165.1)		17.1 (7.8)
*F1530U	1 1/2" METRIC FLANGE PN10/16	A	7.2 (182.9)	3.6 (91.4)	4.1 (104.1)	6.6 (167.6)		20.6 (9.3)
		B/BL (FF)	6.6 (167.6)	3.3 (83.8)	3.8 (96.5)	6.3 (160.0)		18.0 (8.2)
		B/BL (RF)	6.9 (175.3)	3.4 (86.4)	3.9 (99.1)	6.4 (162.6)		19.2 (8.7)
		D	7.3 (185.4)	3.6 (91.4)	4.7 (119.4)	7.2 (182.9)		21.1 (9.6)
		S/SS	7.8 (198.1)	3.9 (99.1)	4.0 (101.6)	6.5 (165.1)		22.9 (10.4)
*F1530X	1 1/2" CLASS 300	S/SS	8.0 (203.2)	4.0 (101.6)	4.8 (121.9)	7.8 (198.1)	6.1 (154.9)	26.2 (11.9)

SOCKET WELD AND FLANGED VALVE MATERIAL: S=STEEL OR SS=STAINLESS ONLY (Weights are approximate - unpacked)



Pressure Ratings	
Material (Ported)	PSI (bar)
A	150 (10.3)
AL	150 (10.3)
B	180 (12.4)
D	225 (15.5)
S	670 (46.2)
SS	590 (40.7)

Pressure Ratings	
Material (Flanged)	PSI (bar)
AF (Class 125)	175 (12.1)
BF (Class 150)	195 (13.4)
DF (Class 150)	225 (15.5)
S (Class 150)	250 (17.2)
SS (Class 150)	225 (15.5)
S (Class 300)	670 (46.2)
SS (Class 300)	590 (40.7)

Standard Service Kits	
Model	Seal Material
1500-XXX	Buna-N
1500V-XXX	Viton
01500E-XXX	Neoprene
Replace XXX with °F setpoint	

Designed & Manufactured by:

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