

Model 1530 Thermostatic Control Valve Specifications - Metric

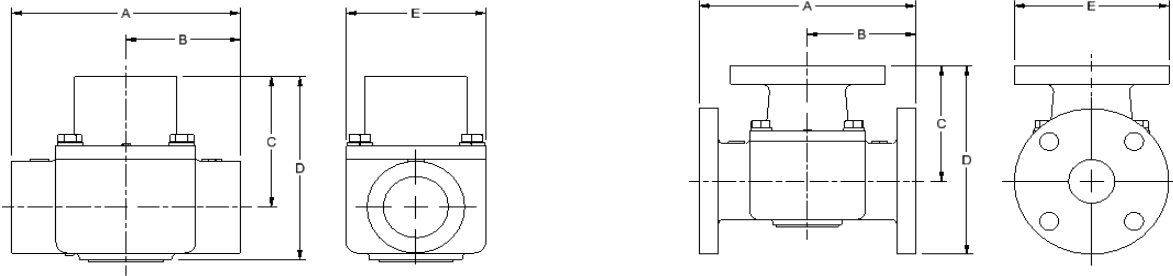
| Ported Valves | | | PRINCIPAL DIMENSIONS UNITS - mm | | | | | Weight - kg | | | | |
|---------------|-----------------|------------------------|---------------------------------|------|------|-------|------|-------------|-----|-----|-----|------|
| MODEL NUMBER | CONNECTION SIZE | Material | A | B | C | D | E | A | AL | B | D | S/SS |
| *1530-1 | 1 1/4" NPT | A/AL B/BL/D S/SS | 154.9 | 78.7 | 94.5 | 132.1 | 96.5 | 4.1 | 1.8 | 4.9 | 4.0 | 4.4 |
| *1530-1A | 1 1/4" BSPP | | | | | | | 3.9 | 1.7 | 4.7 | 3.9 | 4.2 |
| *1530-1B | 1 1/4" BSPT | | | | | | | 4.1 | 1.8 | 4.9 | 4.0 | 4.4 |
| *1530 | 1 1/2" NPT | | | | | | | 3.9 | 1.7 | 4.7 | 3.9 | 4.2 |
| *1530A | 1 1/2" BSPP | | | | | | | 4.1 | 1.8 | 4.9 | 4.0 | 4.4 |
| *1530B | 1 1/2" BSPT | | | | | | | 3.9 | 1.7 | 4.7 | 3.9 | 4.2 |
| *1530JU33 | M33 X 2 | | | | | | | 3.7 | 1.6 | 4.4 | 3.7 | 4.0 |
| *1530JU42 | M42 X 2 | | | | | | | 4.1 | 1.8 | 4.9 | 4.0 | 4.4 |
| *1530JU48 | M48 X 2 | | | | | | | 3.9 | 1.7 | 4.7 | 3.9 | 4.2 |
| *1530J16 | SAE-16 | | | | | | | 4.1 | 1.8 | 4.9 | 4.0 | 4.4 |
| *1530J20 | SAE-20 | | | | | | | 3.9 | 1.7 | 4.7 | 3.9 | 4.2 |
| *1530J24 | SAE-24 | | | | | | | 3.7 | 1.6 | 4.4 | 3.7 | 4.0 |

REPLACE * WITH BODY MATERIAL: A=CAST IRON, AL= ALUMINUM, B= BRONZE, D=DUCTILE, S=STEEL, SS=STAINLESS
(WEIGHTS ARE APPROXIMATE FOR BASE VALVE ONLY)

| Socket Weld Valves | | | PRINCIPAL DIMENSIONS UNITS - mm | | | | | Weight - kg |
|--------------------|---------------------|----------|---------------------------------|------|------|-------|------|-------------|
| MODEL NUMBER | CONNECTION SIZE | Material | A | B | C | D | E | S/SS |
| *1530F48 | 1 1/2", 1 1/2" BORE | S/SS | 154.9 | 78.7 | 94.0 | 132.1 | 96.5 | 3.9 |

| Flanged Valves | | | PRINCIPAL DIMENSIONS UNITS - mm | | | | | Weight - kg |
|----------------|------------------------------------|-----------|---------------------------------|-------|-------|-------|-------|-------------|
| MODEL NUMBER | CONNECTION SIZE | Material | A | B | C | D | E | S/SS |
| *F1530 | 1 1/2" CLASS 125 | A | 177.8 | 88.9 | 101.6 | 165.1 | 127.0 | 7.8 |
| | | B/BL | 175.3 | 86.4 | 99.1 | 162.6 | 127.0 | 9.0 |
| | 1 1/2" CLASS 150 | D | 180.3 | 91.4 | 104.1 | 167.6 | 127.0 | 8.1 |
| | | S/SS | 177.8 | 88.9 | 101.6 | 165.1 | 127.0 | 7.8 |
| *F1530U | 1 1/2" METRIC FLANGE PN10/16 | A | 182.9 | 91.4 | 104.1 | 167.6 | 127.0 | 9.3 |
| | | B/BL (FF) | 167.6 | 83.8 | 96.5 | 160.0 | 127.0 | 8.2 |
| | | B/BL (RF) | 175.3 | 86.4 | 99.1 | 162.6 | 127.0 | 8.7 |
| | | D | 185.4 | 91.4 | 119.4 | 182.9 | 127.0 | 9.6 |
| | | S/SS | 198.1 | 99.1 | 101.6 | 165.1 | 127.0 | 10.4 |
| *F1530X | 1 1/2" CLASS 300 | S/SS | 203.2 | 101.6 | 121.9 | 198.1 | 154.9 | 11.9 |

SOCKET WELD AND FLANGED VALVE MATERIAL: S=STEEL OR SS=STAINLESS ONLY
(WEIGHTS ARE APPROXIMATE FOR BASE VALVE ONLY)

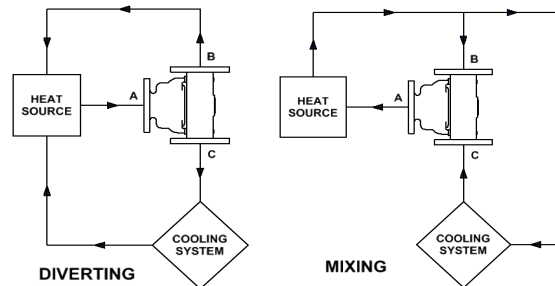


STEEL, STAINLESS STEEL, AND METRIC FLANGED VALVES ARE
RAISED FACE, UNLESS OTHERWISE NOTED

| Pressure Ratings | |
|--------------------|------|
| Material (Ported) | bar |
| A | 10.3 |
| AL | 10.3 |
| B | 12.4 |
| D | 15.5 |
| S | 46.2 |
| SS | 40.7 |
| Material (Flanged) | bar |
| AF (Class 125) | 12.1 |
| BF (Class 150) | 13.4 |
| DF (Class 150) | 15.5 |
| S (Class 150) | 17.2 |
| SS (Class 150) | 15.5 |
| S (Class 300) | 46.2 |
| SS (Class 300) | 40.7 |

| Standard Service Kits | |
|--|---------------|
| MODEL | SEAL MATERIAL |
| 1500-XXX | Buna-N |
| 1500V-XXX | Viton |
| 1500E-XXX | Neoprene |
| REPLACE XXX WITH SET-POINT TEMPERATURE °F (One thermostat per valve) | |

Application Schematics



Consult FPE representative for further information

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