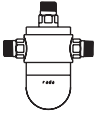
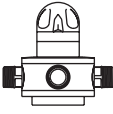

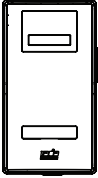
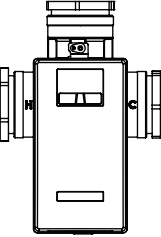
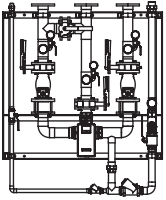


| Single Point of Use - Thermostatic  |              |       |                 |                    |               |         |                   |                 |                 |                 |                 |
|---|--------------|-------|-----------------|--------------------|---------------|---------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Illustration  | Type         | Fluid | Connection Type | Max. Allow. Press. | Body Material | Model   | Max. Oper. Press. | Connection Size | Located on Page |                 |                 |
|  | Thermostatic | Water | NPT             | 150                | Brass/Polymer | 215     | 150               | 1/2"            | 531             |                 |                 |
| Groups of Fixtures - Thermostatic   |              |       |                 |                    |               |         |                   |                 |                 |                 |                 |
| Illustration  | Type         | Fluid | Connection Type | Max. Allow. Press. | Body Material | Model   | Max. Oper. Press. | Connection Size |                 | Located on Page |                 |
|  | Thermostatic | Water | NPT             | 150                | Chromed Brass | 320     | 150               | 3/4"            |                 | 531             |                 |
|   |              |       |                 |                    |               | 425     | 150               | 1"              |                 |                 |                 |
| Emergency Fixture Control - Thermostatic  |              |       |                 |                    |               |         |                   |                 |                 |                 |                 |
| Illustration  | Type         | Fluid | Connection Type | Max. Allow. Press. | Body Material | Model   | Max. Oper. Press. | Connection Size |                 |                 | Located on Page |
|  | Thermostatic | Water | NPT             | 150                | Chromed Brass | Z358-20 | 150               | 3/4"            |                 |                 | 531             |
|   |              |       |                 |                    |               | Z358-40 | 150               | 1"              |                 |                 |                 |

# Water Temperature Controls ID Charts

| Recirculation Systems   |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
|---|----------|-------|-----------------|--------------------|---------------|------------------------------------|------------|-------------------|-----------------|-----------------|--|-----|---------|----|
| Illustration  | Type     | Fluid | Connection Type | Max. Allow. Press. | Flow @ 10 PSI | Body Material                      | Model      | Max. Oper. Press. | Connection Size | Located on Page |  |     |         |    |
|    | Digital  | Water | NPT             | 150 PSI            | 70            | Stainless Steel                    | DRV40      | 150 PSI           | 1/2"            | 530             |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DRV40BS    |                   |                 |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DRV40R     |                   |                 |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DRV40RBS   |                   |                 |                 |  |     |         |    |
| DRV50   |          |       |                 |                    | 2"            |                                    |            |                   |                 |                 |  |     |         |    |
| DRV50BS   |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
| DRV50R  |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
| DRV50RBS  |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
| 133   |          |       | DRV80           |                    | 3"            |                                    |            |                   |                 |                 |  |     |         |    |
|   |          |       | DRV80BS         |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
|   |          |       | DRV80R          |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
|   |          |       | DRV80RBS        |                    |               |                                    |            |                   |                 |                 |  |     |         |    |
|    | Union    |       |                 |                    | 70            | Stainless Steel with Copper Piping | DMC40      |                   | 1-1/2"          | 531             |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DMC40BS    |                   | 2-1/2"          |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DMC40-40   |                   | 2"              |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    | DMC40-40BS |                   |                 |                 |  |     |         |    |
| 140   |          |       |                 |                    | Flange        |                                    |            |                   |                 |                 |  | 133 | DMC50   | 3" |
|   |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     | DMC50BS | 4" |
|   |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     | DMC80   | 5" |
|   |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     | DMC80BS |    |
| 266   | DMC80-80 |       |                 |                    |               | 399                                |            | DMC80-80          |                 |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    |            | DMC80-80BS        |                 |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    |            | DMC80-80-80       |                 |                 |  |     |         |    |
|   |          |       |                 |                    |               |                                    |            | DMC80-80-80BS     |                 |                 |  |     |         |    |
|  |          |       |                 |                    |               |                                    |            |                   |                 |                 |  |     |         |    |

## Recirculating Valve (DRV40 & DRV80)



# Water Temperature Controls

Armstrong offers both a complete system and a modular component solution to mixed water temperature control across the entire Institutional Hot Water distribution network.

From mechanical room based digital recirculation system control with integral BAS interface to traditional thermostatic control at distribution points within the system to revolutionary digital point of use control solutions, Armstrong products place user safety and legionella risk reduction at the forefront of hot water system design, operation and maintenance.

Armstrong offers a full range of Thermostatic & Digital Water Temperature Control Solutions which are defined within the following classifications.

## Water Temperature Control-Single Point of Use-Thermostatic

Features the 215 thermostatic mixing valve which is designed specifically for installation at or near the final point of use.

## Water Temperature Control-Groups of Fixtures-Thermostatic

Features 320 and 425 Thermostatic Mixing Valves designed specifically for use in non-return "dead leg" applications.

## Water Temperature Control-Recirculation Systems-Digital

Features The Brain® Digital Recirculating Valve (DRV) and a series of derivative Digital Mixing Centers (DMC) specifically designed for use in a pumped recirculating hot water system.

## Water Temperature Control-Emergency Fixtures-Thermostatic

Features Z358 series of Thermostatic Mixing Valves designed to deliver mixed water temperature control to Emergency Fixtures for fixtures and systems designed comply with the guidelines tendered within ANSI standard Z358.1-2009.



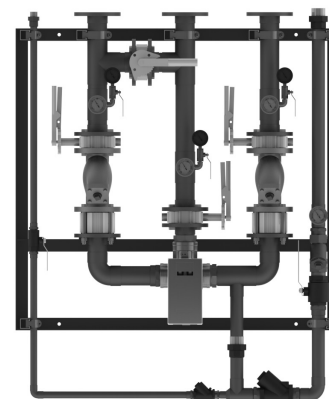
**215**



**320**



**425**



**Digital Mixing Center**



**Z358 for Emergency Fixtures**