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# Valves & Actuation

## **BALANCING VALVES**



### **Screwed Balancing Valves**

- BSPP threads up to 3/4" and BSPT threads for 1" upwards
- · Comes complete with test points
- · For use in heating and cooling systems and other water systems



#### **Bronze, Fixed Orifice**

0974	Thread	
T3010-12	1/2"	
T3010-34	3/4"	
T3010-1	1″	
T3010-114	1.1/4"	
T3010-112	1.1/2"	
T3010-2	2"	
	Tech Sheet 6153	

- Design in accordance to BS 7350:1990
- Comes complete with test points
- · For use in heating and cooling systems and other water systems

#### Working Temperature:

-10°C to +110°C



#### **Bronze, Variable Orifice, BSPP**

0915	Thread	
9505-12	1/2"	
9505-34	3/4"	
9505-1	1"	
9505-114	1.1/4"	
9505-112	1.1/2"	
9505-2	2"	
	Tech Sheet 6156	

- Design in accordance to BS 7350:1990
- · Comes complete with test points
- · For use in heating and cooling systems and other water systems

# Working Temperature:

-10°C to +110°C



#### **DZR Brass, Fixed Orifice, BSPP**

0915	Thread	
9515-12	1/2"	
9515-34	3/4"	
9515-1	1"	
9515-114	1.1/4"	
9515-112	1.1/2"	
9515-2	2"	
	Tech Sheet 6154	

## **Flanged Balancing Valves**

#### Features:

- To suit PN16 flanged ends
- The accuracy of flow measurement at normal velocities is ±3%
- Can be used as a single unit or close-coupled to other regulating or isolating valves





#### Stainless Steel, Orifice Plate

	•	
0974	Flange Size	
9200 10	2.1/2"	
9200 11	3"	
9200 12	4"	
9200 13	5"	
9200 14	6"	
9200 16	8"	
	Tech Sheet 6160	

#### Features:

- Design in accordance to BS 7350:1990
- · Comes complete with test points
- · For use in heating and cooling systems and other water systems



-10°C to +120°C





\*Will be painted

from a different

manufacturer

black and is

#### **Ductile Iron, Flanged PN16, Fixed Orifice**

0909	Flange Size
T3020 09	2**
9201 10	2.1/2"
9201 11	3"
9201 12	4"
9201 13	5"
9201 14	6"
9201 16	8"
9201 18	10"
	Tech Sheet 6157

#### **Test Points**

#### Features:

· EPDM seal



-10°C to +120°C

**Maximum Working Pressure:** 25 bar



#### **DZR Brass, Test Points, BSPT**

0915	Thread	
HUKTP-14R	1/4" Red	
HUKTP-14B	1/4" Blue	
HUKTP-12	1/2"	

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## **AIR VENTS**

#### **Air Vents**

#### Features:

- · Must be installed in the vertical position only
- Working Temperature:

  0°C to +110°C
- Maximum Working Pressure:



#### Brass, Auto Air Vent, BSPP Male

0928	Size
AAV-38	3/8"
AAV-12	1/2"
	Tech Sheet 6164

## **AUTOMATIC AIR ELIMINATION**

# brownall®

## **Air Eliminators**





#### **BSPP**

0115	Description	Inlet	Outlet
AE-A	Type A Vertical	1/2"	3/8"
AE-B	Type B Vertical Lockshield Isolator	1/2"	3/8"
AE-C	Type C Vertical Lockshield & Check Valve	1/2"	3/8"
	Tech Sheet 547		

#### **Service Kits**

0115	Description
AE-SP-ABD	Float Assembly for Type A, B and D Valve
AE-SP-C	Float Assembly for Type C Valve
	Tech Sheet 547

#### **Boiler Vent Valves**

Maximum Working
Temperature:
+93°C

Maximum Working
Pressure:
7 bar



## Univent Boiler Vent Valves, Fig 1688, BSPP

0115	Thread	
UV-1688-025D	1"	
UV-1688-032D	1.1/4"	
UV-1688-050D	2"	
	Tech Sheet 546	

Maximum Working Temperature: +93°C

Maximum Working Pressure:

7 bar

#### 3 Way Boiler Vent Valves, Fig 1988, BSPP

0115	Thread	
VCN-1988-025	1"	
VCN-1988-040	1.1/2"	
VCN-1988-050	2"	
	Tech Sheet 548	

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