



# Series 860

## Reduced Pressure Zone Assemblies

Size: 15mm-50mm

The FEBCO Series 860 Reduced Pressure Zone Assemblies are designed for use in health-hazard applications.

End Connections – BSP AS1722.1 The Reduced Pressure Zone Assemblies shall comply with state codes and standards, where applicable.

### Pressure – Temperature

Max. Working Pressure: 16 bar  
 Hydrostatic Test Pressure: 24.1 bar  
 Temperature Range: 0°C to 60°C

### Materials

Valve Body: DZR Bronze  
 Elastomers: Silicone  
 Springs: Stainless Steel

### Models

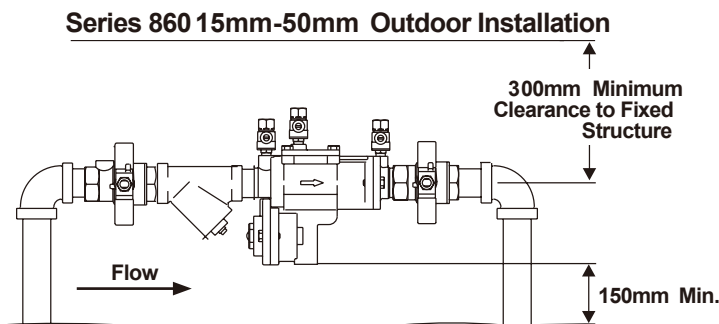
- 860 - Standard Assembly Device Only

### Approvals – Standards

- AS 2845.1-2010, Certificate WMKA 21050

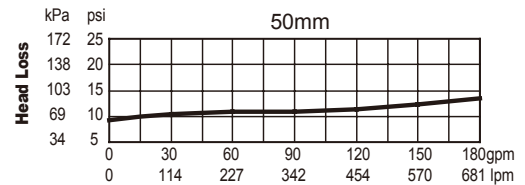
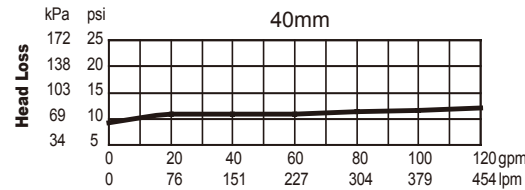
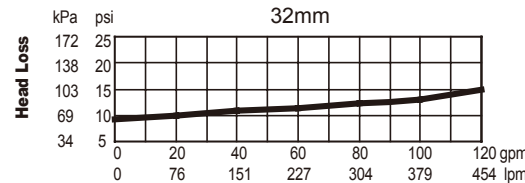
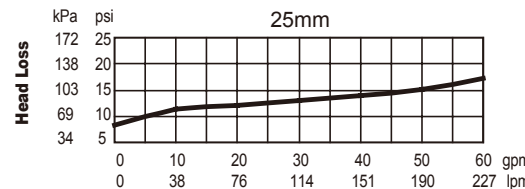
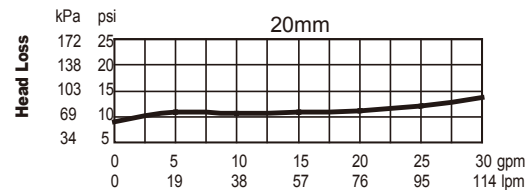
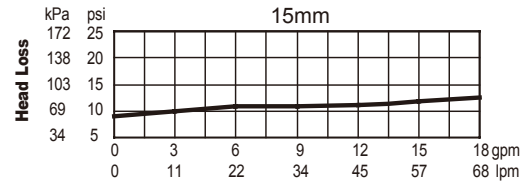


### Typical Installation



Series 860

### Capacity



NOTE: GPM IS IN USGPM

Job Name \_\_\_\_\_ Contractor \_\_\_\_\_

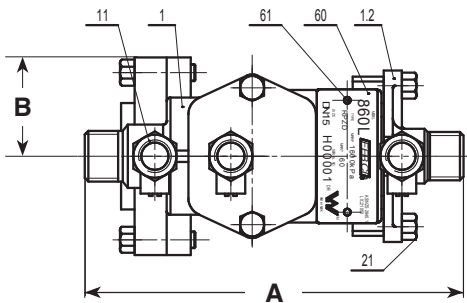
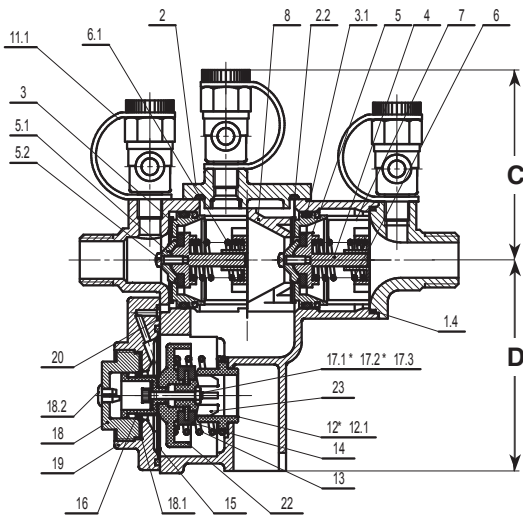
Job Location \_\_\_\_\_ Approval \_\_\_\_\_

Engineer \_\_\_\_\_ Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_ Representative \_\_\_\_\_

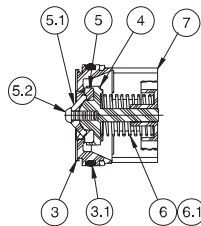
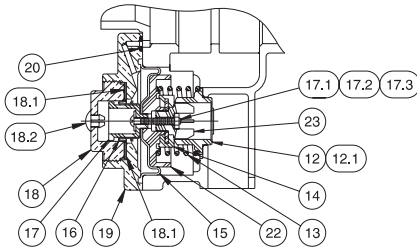
FEBCO product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact FEBCO. FEBCO reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on FEBCO products previously or subsequently sold.

# Series 860 / Size:15mm-50mm



Relief Valve Assembly

Check Assembly



Item	Description	Quantity	Materials
61	Drive Screw Stick	1	Stainless Steel
60	Identification Plate	1	Brass
23	Guide	1	Noryl
22	Large Piston-RV	1	Noryl
21	Cap screw	2	Stainless Steel
20	O ring	1	Silicone
19	Cover-RV	1	C83600
18.2	Slide (Plug)	1	Nylon
18.1	Slip Ring-Cylinder	1	Acetal
18	Cylinder-RV	1	Brass Rod
17.3	Hex Nut	1	Stainless Steel
17.2	Washer	1	Stainless Steel
17.1	Rnd HD Screw	1	Stainless Steel
17	Small Piston-RV	1	Noryl
16	Outer Diaphragm-RV	1	Rubber/Fabric
15	Diaphragm-RV	1	Silicone Rubber
14	Seat Disc-RV	1	
13	Spring-RV	1	Stainless Steel
12.1	Gasket Ring-RV	1	Silicone Rubber
12	Seat Ring-RV	1	Noryl
11.1	Regulating Plug	3	Rubber
11	Test Cock	3	Bronze
8	Retainer Spacer	1	Noryl
7	Guide	1	Noryl or Delrin
6.1	Spring	1	Stainless Steel
6	Spring	1	Stainless Steel
5.2	Screw	2	Stainless Steel
5.1	Disc Retainer	2	Noryl or Delrin
5	Gasket	2	Red Silicone
4	Poppet	2	Noryl or Delrin
3.1	O ring	2	Silicone
3	Seat Disc	2	Noryl or Delrin
2.2	O ring	1	Silicone
2	Cover	1	C83600
1.4	O ring	1	Silicone
1.2	Tailpiece	1	C83600
1	Body	1	C83600

NOTE: DRAWING INDICATES FOR 15mm, 20mm, 25mm. THE 32mm, 40mm, 50mm HAVE 4 CAP SCREW COVERS.

Delrin® is a registered trademark of Dupont™.  
Noryl® is a registered trademark of SABIC Innovative Plastics™.

## NOTICE

The gap drain is not designed to catch the maximum discharge possible from the relief valve. The installation of FEBCO air gap with the drain line terminating above a floor drain will handle any normal discharge or nuisance spitting through the relief valve. However, floor drain size may need to be designed to prevent water damage caused by a catastrophic failure condition. Do not reduce the size of the drain line from the air gap fitting

## NOTICE

Backflow prevention assemblies must be protected against freezing for installations where freezing temperatures may occur.

## NOTICE

Inquire with governing authorities for local installation requirements.

## Dimensions - Weights

Size: 15mm-50mm

SIZE(DN)	DIMENSIONS				WEIGHT
mm	A mm	B mm	C mm	D mm	kgs.
15	158.3	29.5	79.5	88.1	2.0
20	160.3	29.5	79.5	88.1	2.1
25	185.3	35.0	84.5	93.0	2.5
32	254.3	38.6	108.1	143.0	6.5
40	254.3	38.6	108.1	143.0	6.5
50	254.3	38.6	108.1	143.0	6.7

Note: Dimensions are nominal. Allowances must be made for normal manufacturing tolerances.



A Watts Water Technologies Company



USA: Fresno, CA • Tel: (559) 441-5300 • Fax: (559) 441-5301 • www.FEBCOonline.com  
Canada: Burlington, ON • Tel: (905) 332-4090 • Fax: (905) 332-7068 • www.FEBCOonline.ca

ES-F-860S 1330-AUS