



Spool Adapters

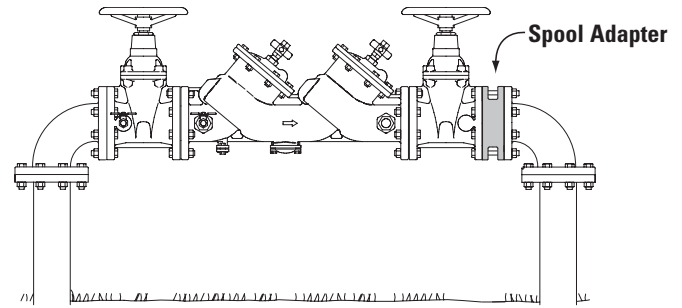
DuraCheck to MasterSeries® Spacer Spool Adapter Kit

Size: 4" - 8" (100mm - 200mm)

The FEBCO DuraCheck to MasterSeries® Spacer Spool Adapters ease retrofit of the old style in-line FEBCO DuraCheck backflow preventers (Models 825YD, 805YD and 806YD in 4" - 8" (100mm - 200mm) with the new style in-line FEBCO MasterSeries® (Models 850, 860 and 856 in 4" - 8" (100mm - 200mm). This kit eliminates the need for expensive custom fabricated spools, and provides a quick and easy way to retrofit the valve. The adapter kit comes complete with the proper length spool, gasket, nuts, and studs to retrofit the longer DuraCheck Valves with the shorter in-line MasterSeries®. See the retrofit chart below. The gasket is to be used between the backflow preventer and the spool adapter. MasterSeries® 2½" and 3" (65, 80mm) units do not require a spacer spool adapter to retrofit.

Features

- Easy retrofit
- Epoxy coated body
- Adapter Kit Includes: Spool, Gasket, Nuts and Studs
- End Details – Flanged ANSI B16.42, Class 150



Pressure – Temperature

Maximum Working Pressure:	175psi (12.1 bar)
Hydrostatic Test Press:	350psi (24.1 bar)
Temperature Range:	32°F to 140°F (0°C to 60°C)

Materials

Main Valve Body:	Carbon Steel or Ductile Iron (ANSI B16.1)
Coating:	Epoxy coated internal and external, AWWA C550-90
Elastomers:	Gaskets
Trim:	Hex Nuts & Studs - plated steel

DuraCheck to MasterSeries® Spool Adapter Kits

RETROFIT PART NUMBER CHART

Type of Device	DuraCheck	MasterSeries	Spool Adapter 4" (100mm)	Spool Adapter 6" (150mm)	Spool Adapter 8" (200mm)
Double Check	Model 805YD	Model 850	905523	905524	905525
Double Check Detector	Model 806YD	Model 856	905523	905524	905525
Reduced Pressure	Model 825YD	Model 860	905523	905524	905525

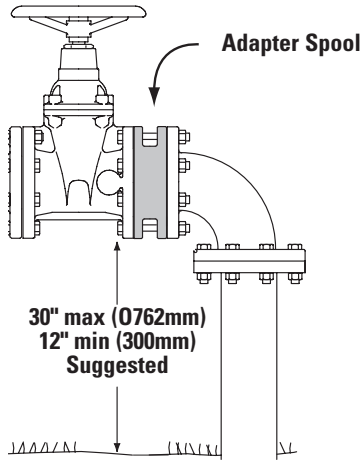
Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 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.

Typical Installation

FEBCO Model 850 With Spool Adapter Outdoor Installation

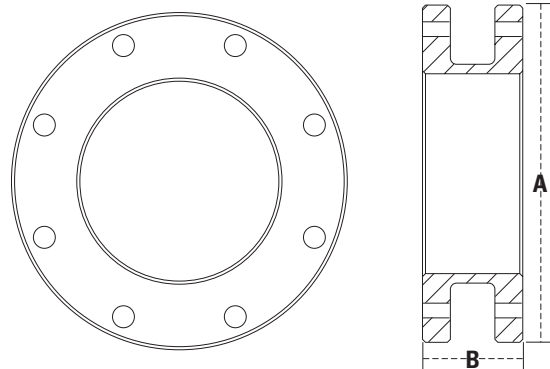


Dimensions – Weights

Size: 4" - 8" (65 - 100mm)

SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
4	65	9	229	4	102	35	15.9
6	80	11	279	3 ¹⁵ / ₁₆	90	48	21.8
8	100	13 ¹ / ₂	343	4	102	75	34.0

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



Flange and bolt holes
per ANSI B16.42, Class 150



A Watts Water Technologies Company



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