

1.25" / 1.5" / 2" Stainless Steel Drain Line Flow Controls NPT or BSPT



V3079 or V3079BSPT 1.25" DLFC

- 1.25" Male NPT x 1.5" Female NPT Inline Drain Line Flow Control suited for commercial and industrial applications
- Stainless steel housing
- Flow rates from 9 gpm to 85 gpm
- Reliable and proven flow washer design
- 1.25" Male NPT inlet with 1.5" Female NPT or BSPT outlet
- Easily disassembled with four bolts for cleaning
- For use on model WS1.5 and other manufacturer controls

V3080 or V3080BSPT 1.5" DLFC

- 1.5" Male NPT x 1.5" Female NPT Inline Drain Line Flow Control suited for commercial and industrial applications
- Stainless steel housing
- Flow rates from 9 gpm to 85 gpm
- Reliable and proven flow washer design
- 1.5" Male NPT inlet with 1.5" Female NPT or BSPT outlet
- Easily disassembled with four bolts for cleaning
- For use on models WS2, WS2H, WS3 and other manufacturer controls

V3051 or V3051BSPT 2" DLFC

- 2" Inline Drain Line Flow Control suited for commercial and industrial applications
- Stainless steel housing
- Flow rates from .7 gpm to 150 gpm
- Reliable and proven flow washer design
- 2" Male NPT or BSPT inlet/outlet connection
- Easily disassembled with four bolts for cleaning
- For use on model WS2H, WS3 and other manufacturer controls

THESE DRAIN LINE FLOW CONTROLS SHOULD NOT BE USED AS THE PRIMARY FLOW CONTROL DEVICE FOR CRITICAL OR HEALTH EFFECT APPLICATIONS.

OPERATING PRESSURES: 20 PSI MINIMUM / 125 PSI MAXIMUM (1.4 - 8.6 BAR)

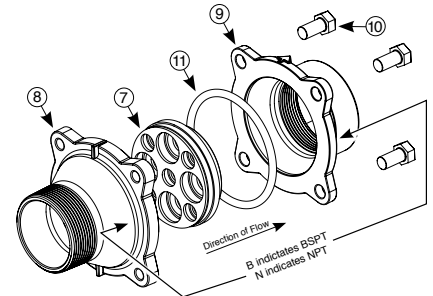
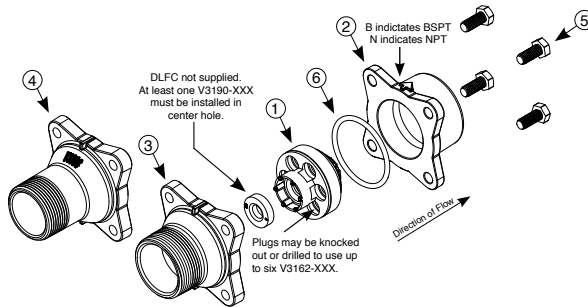
OPERATING TEMPERATURES: 40°F MINIMUM / 110°F MAXIMUM (4° - 43° C)

1.25" / 1.5" / 2" Stainless Steel Drain Line Flow Controls NPT or BSPT

WS DLFC 1.25 x 1.5
Order No: V3079 or V3079BSPT

WS DLFC 1.5 x 1.5
Order No: V3080 or V3080BSPT

WS DLFC 2 x 2
Order No: V3051 or V3051BSPT



Drawing No.	Order No.	Description	Quantity			
			V3079	V3079BSPT	V3080	V3080BSPT
WS DLFC 1.25 x 1.5 and WS DLFC 1.5 x 1.5						
1	V3081	WS15 RETAINER DLFC ASY	1	1	1	1
2	V3645	WS15 DLFC FLANGE OUTLET FEMALE NPT	1	-	1	-
	V3645BSPT	WS15 DLFC FLANGE OUTLET FEMALE BSPT	-	1	-	1
3	V3646	WS15 DLFC FLANGE INLET MALE NPT	-	-	1	1
4	V3388	WS1.25 DLFC FLANGE INLET MNPT	1	1	-	-
5	V3652	BOLT HEXHD S/S HCS 5/16-18x3/4	4	4	4	4
6	V3441	O-RING 226	1	1	1	1

WS DLFC 2 x 2						
Drawing No.	Order No.	Description	V3051		V3051BSPT	
7	V3052	WS2 DLFC RETAINER ASY	1		1	
8	V3817	WS2 FLANGE INLET NPT	1		-	
	V3817BSPT	WS2 FLANGE INLET BSPT	-		-	1
9	V3816	WS2 FLANGE OUTLET NPT	1		-	
	V3816BSPT	WS2 FLANGE OUTLET BSPT	-		-	1
10	V3273	BOLT HEX HD S/S HCS 3/8-16X3/4	4		4	
11	V3278	O-RING 338	1		1	

Drain Line Flow Control Washers		
Not Shown	V3162-007	WS1 DLFC 0.7 gpm for 3/4
	V3162-010	WS1 DLFC 1.0 gpm for 3/4
	V3162-013	WS1 DLFC 1.3 gpm for 3/4
	V3162-017	WS1 DLFC 1.7 gpm for 3/4
	V3162-022	WS1 DLFC 2.2 gpm for 3/4
	V3162-027	WS1 DLFC 2.7 gpm for 3/4
	V3162-032	WS1 DLFC 3.2 gpm for 3/4
	V3162-042	WS1 DLFC 4.2 gpm for 3/4
	V3162-053	WS1 DLFC 5.3 gpm for 3/4
	V3162-065	WS1 DLFC 6.5 gpm for 3/4
	V3162-075	WS1 DLFC 7.5 gpm for 3/4
	V3162-090	WS1 DLFC 9.0 gpm for 3/4
	V3162-100	WS1 DLFC 10.0 gpm for 3/4
	V3190-090	WS1 DLFC 9.0 gpm for 1
	V3190-100	WS1 DLFC 10.0 gpm for 1
	V3190-110	WS1 DLFC 11.0 gpm for 1
	V3190-130	WS1 DLFC 13.0 gpm for 1
	V3190-150	WS1 DLFC 15.0 gpm for 1
	V3190-170	WS1 DLFC 17.0 gpm for 1
	V3190-200	WS1 DLFC 20.0 gpm for 1
V3190-250	WS1 DLFC 25.0 gpm for 1	

For WS DLFC 1.25 x 1.5 and WS DLFC 1.5 x 1.5:

Install at least one V3190-XXX in center hole. Knock out plugs allow installation of up to 6 more of V3162-XXX.

For WS DLFC 2 x 2:

Install One or More DLFC washers.

Up to 5 of the V3162-XXX may be installed in the small holes.

Up to 4 of the V3190-XXX may be installed in the large holes.

Assembly Instructions

Assembly Instructions for 1.25" and 1.5" Drain Line Flow Controls

- Assemblies are shipped without drain line flow control (DLFC) washers.
- Determine the desired flow rate. Select one V3190-XXX for the center hole and a combination of V3162-XXX to arrive at the desired flow rate. At least one V3190-XXX must be used and up to six of the V3162-XXX may be used.
 - Using a drill or punch remove the desired knockout(s) in V3081.
 - After desired knockout(s) are removed make sure the new holes are smooth with no rough or jagged areas.
 - Install appropriate size(s) of drain line flow control washers. Pay close attention to proper DLFC orientation.
 - Assemble. Properly orientate the V3081 in direction of flow.
 - Inlet threads for 1.25" Male are NPT. Inlet threads for 1.5" Male are NPT. Outlet threads for 1.5" are either Female NPT or BSPT. 1.5" Female outlet is stamped with N or B to indicate NPT or BSPT.

Assembly Instructions for 2" Drain Line Flow Controls

- Assemblies are shipped without drain line flow control (DLFC) washers.
- Determine the desired flowrate. Select a combination of V3162-XXX's and V3190-XXX's to arrive at the desired flow rate. Up to five of the smaller V3162-XXX's may be used. Up to four of the larger V3190-XXX's may be used.
 - Using a drill or punch remove the desired knockout(s) in V3052.
 - After desired knockout(s) are removed make sure the new holes are smooth with no rough or jagged areas.
 - Install appropriate size(s) of drain line flow control washers. Pay close attention to proper DLFC orientation.
 - Assemble. Properly orientate the V3052 in the direction of flow.
 - Inlet threads are 2" Male NPT or BSPT. Outlet threads are 2" Female NPT or BSPT. Female outlet is stamped with N or B to indicate NPT or BSPT.



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