

## V3051 WS2 DLFC FM ASY NPT and V3051BSPT WS2 DLFC FM ASY BSPT

Drawing No.	Order No.	Description	Quantity
1	V3052	WS2 DLFC Retainer ASY	1
2	V3817	WS2 DLFC FLANGE INLET NPT	1
	V3817BSPT	WS2 DLFC FLANGE INLET BSPT	
3	V3816	WS2 DLFC FLANGE OUTLET NPT	1
	V3816BSPT	WS2 DLFC FLANGE OUTLET BSPT	
4	V3273	BOLT HEX HD S/S HCS 3/8-16X3/4	4
5	V3278	O-ring 338	1
Not Shown	V3162-007	WS1 DLFC 0.7 gpm for 3/4	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.
	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 or 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		

**HYDROCARBONS SUCH AS VASELINE®, PETROLEUM JELLY, KEROSENE, BENZENE, GASOLINE, ETC., WILL DAMAGE PRODUCTS THAT CONTAIN O-RINGS OR PLASTIC COMPONENTS. EXPOSURE TO SUCH HYDROCARBONS MAY CAUSE THE PRODUCTS TO LEAK. DO NOT USE CLACK CONTROL VALVE PRODUCT(S) ON WATER SUPPLIES THAT CONTAIN HYDROCARBONS SUCH AS KEROSENE, BENZENE, GASOLINE, ETC.**

Assemblies are shipped without drain line flow control (DLFC) washers. Assembly instructions:

1. 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.
2. Using a drill or punch remove the desired knockout(s) in V3052.
3. After desired knockout(s) are removed make sure the new holes are smooth with no rough or jagged areas.
4. Install appropriate size(s) of drain line flow control washers. Pay close attention to proper DLFC orientation.
5. Assemble. Properly orientate the V3052 in the direction of flow.
6. Inlet and outlet threads are 2". Couplings for iron pipe may also be used.

