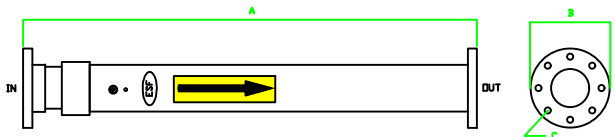


INSTALLATION MATERIAL	REQ'D 3" UNIT	REQ'D 4" UNIT
PIPE HANGERS	2	2
ASTM SCH 150		
MATING FLANGE	3" (2)	4" (2)
FLANGE GASKET	3" (2)	4" (2)
HEX HD. BOLTS	5/8X3 (8)	5/8X3 (12)
NUTS	8	12
WASHERS	16	24

INSTALLATION

1. MEASURE AND RECORD DIMENSION X
2. INSTALL OPTIONAL BY-PASS VALVES LEAVING ROOM FOR THE UNIT & NEW FLANGES
3. ATTACH NEW FLANGES TO ONE PIPE END AFTER CUTTING OUT THE PROPER LENGTH OF EXISTING PIPE. UNIT FLANGES ARE BRASS. NEW FLANGES SHOULD BE SAME MATERIAL AS PIPE. ATTACH 2nd FLANGE TO THE ESF
4. MOUNT ESF UNIT TO THE END WITH FLANGE. FULLY SUPPORT.
5. MARK THE FLANGE AND THE PIPE FOR PROPER INSERTION LENGTH AND ANGLE
6. ATTACH 2nd FLANGE TO PIPE. INSERT BOLTS, ADD WASHERS AND NUTS. TIGHTEN.



DIMENSIONS	ESF-3000-F	ESF-4000-F
A	48"	55"
B	7-1/2"	9"
C	3/4"	3/4"
	4 IN 6" CIRCLE	8 IN 7-1/2" CIRCLE

PERFORMANCE-	3000	4000
GPM MAX. FLOW	800	900
PSI @ 8 MAX.	10	12

CONTRACT NO.		DIME WATER, INC. 8:1	
APPROVAL	DATE	TITLE	
DRAWN		ESF COMMERCIAL FLANGED UNITS INSTALLATION	
CHECKED		SIZE	REV.
ENGR		A	
DESIGN ACTIVITY		CAGE CODE	DWG. NO.
		SCALE	ACAD FILE
			SHEET