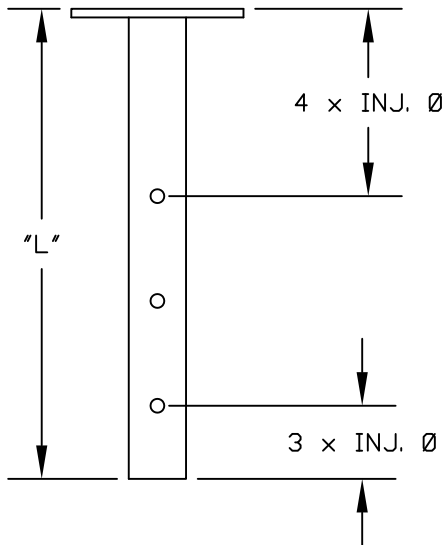
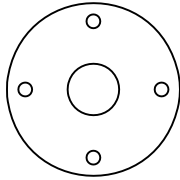


REV

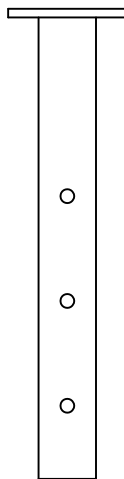
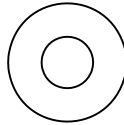
SH

DWG NO

POLYMER
CONSTRUCTION
DIFFUSER



METAL
CONSTRUCTION
DIFFUSER



NOTES:

1. DIFFUSERS ARE DESIGNED TO FIT INSIDE A PIPE CORRESPONDING TO THE NOMINAL INJECTOR SIZE.
2. POLYMER CONSTRUCTION DIFFUSERS HAVE A FULL FACE FLANGE CONSTRUCTION INCLUDING BOLT HOLES. (125/150# ANSI/ASME 16.5 DRILLING). METAL CONSTRUCTION DIFFUSERS HAVE A FLANGE EQUIVALENT TO THE DIAMETER BETWEEN BOLT HOLES.
3. ORIFICE HOLES ARE EQUALLY SPACED IN THE AREA THAT WOULD COINCIDE TO THE PIPE I.D. HOLES ARE LOCATED 4 X DIFFUSER DIAMETER FROM THE TOP FLANGE AND 3 X DIFFUSER DIAMETER FROM THE BOTTOM FLANGE TO ALLOW SPACE FOR SECURING OF INJECTOR.
4. DIFFUSERS CAN BE CONFIGURED TO MEET YOUR SPECIAL REQUIREMENT. CONTACT INYO PROCESS FOR A CUSTOM DESIGN.
5. DIFFUSERS CAN BE SUPPLIED FOR DIN/BRITISH/AUSTRALIAN FLANGES. CONTACT INYO PROCESS FOR YOUR CUSTOM CONFIGURATION.
6. DIFFUSERS ARE PLUGGED AT OPPOSITE END TO DIRECT ALL INJECTED CHEMICALS THROUGH ORIFICE HOLES.

PART NUMBER EXAMPLE "FLG20P-18-025-6"

FLG 20 P - 18 - 025 - 6

NOMINAL DIAMETER "Ø"	CODE
1"	10
1-1/2"	15
2"	20
3"	30
4"	40
6"	60

SOLUTION TUBE MAT'L	CODE
PVC	P
CPVC	C
KYNAR	K
316L S.S.	S
HASTELLOY C-276	H
TITANIUM	T
TEFLON	TF
FIBERGLASS	F

LENGTH "L" (in)
2-96

ORIFICE HOLE DIAMETER (in)	CODE
1/8"	012
3/16"	018
1/4"	025
3/8"	038
1/2"	050
5/8"	063
3/4"	075
1"	100

QTY HOLES
NUMBER OF HOLES
6

UNLESS OTHERWISE SPECIFIED	PROJECT NO.	-								
	DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING	DRAWN	DG 04/12/06							
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 AND APPLICABLE STANDARDS	CHECKED	EC 04/12/06								
	DECIMALS .XX ±.030 .XXX ±.010	DESIGN APPROVED	-							
ANGLES ±1°	MFG. APPROVED	-								
SURFACE ROUGHNESS 125 ✓	QA APPROVED	-								
RUNOUT .010_TIR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030	RELEASE DATE	04/12/06	SIZE	A	CAGE CODE	-	DRAWING NO	FLG-1001	REV	1
			SCALE	-	WEIGHT	-	SHEET	-		

INYO PROCESS

MULTI-ORIFICE, FLANGED
DIFFUSER MODEL NUMBERS