

FEATURES

The CEI suction diffuser has been designed for direct mounting to the suction side of a pump in either a horizontal or vertical position. In addition to removing any foreign particles that may be hazardous to the pump or other system components, where space is limited, the CEI suction diffuser can be used to replace 90° elbows for primary or additional strainer protection.

Straightening vanes on the diffuser's outlet side reduce turbulence so that stress and erosion on the pump parts are minimized.

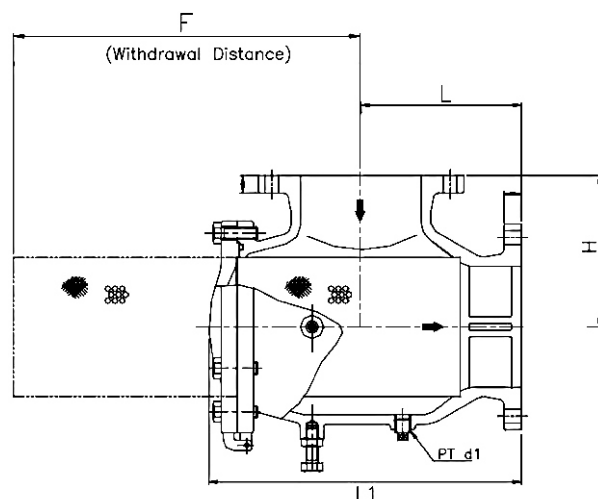
Each suction diffuser comes equipped with a removable, fine mesh sleeve. After start up period, simply throw it away- the perforated screen will do the rest.

Pipe saddle is not needed as special length adjustable support pads are provided.

Gauge tap and drain plug are also available.



*CEI reserves the right to make change of the design and dimensions of its products without prior notice.



SPECIFICATIONS

Nominal Diameter:	50A~600A
Service Fluid:	Water
Working Temperature:	80°C
Working Pressure:	Model 411- 10kgf/cm ² (1.0MPa) Model 416- 16kgf/cm ² (1.6MPa) Model 412-20kgf/cm ² (2.0MPa)
Connection:	ANSI ,JIS Flanged Ends
Materials:	Body-Cast Iron(Model 411) Ductile Iron(Model 416) Cast Steel (Model 412)
	Screen - Up to 6" 5/32" perforated Stainless Steel 8"up 1/8"perforated Stainless Steel Fine mesh sleeve - 20 mesh Stainless Steel O - Ring - EPDM

DIMMENSIONS

UNIT (mm)

Size	IN	50A	65A	80A	100A	100A	125A	125A	150A	150A	200A	200A	250A	250A	250A	300A
	OUT	50A	65A	80A	80A	100A	100A	125A	125A	150A	150A	200A	150A	200A	250A	250A
L		105	127	140	146	165	165	191	191	220	220	265	220	271	310	350
L1		208	230	280	280	308	308	365	365	410	410	517	410	523	628	690
H		100	127	145	151	167	167	193	193	205	205	250	205	258	300	314
F		240	250	305	305	345	345	405	405	450	450	580	450	586	735	795
Ptd1		1/2"								3/4"				1"		
WEIGHT(KG)		17	19	22	25	34	36	47	49	68	71	109	74	126	184	202

Size	IN	300A	350A	350A	350A	400A	400A	400A	400A	450A	450A	450A	500A	600A
	OUT	300A	250A	350A	350A	250A	300A	350A	400A	350A	400A	450A	500A	600A
L		350	379	370	370	357	379	370	440	370	440	560	580	605
L1		700	764	772	772	690	764	772	882	772	882	975	1120	1280
H		340	341	350	350	327	352	350	406	352	406	500	520	550
F		825	925	930	930	795	925	930	1070	930	1070	1200	1330	1595
Ptd1		1"												
WEIGHT(KG)		247	213	272	339	202	272	356	462	374	485	562	674	790

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