

PEM 01050 Series

FLOW STRAIGHTENERS IN BRASS NPT SHORT PIPE NIPPLES



PEM 01050 Series Flow Straighteners can be fitted with a pipe coupling into the inflow of same size PEM Jets affected by turbulence in the supply pipe such as : PEM 02-1, 02-2, 02-6, 14 Series, 15-6, 28 Series, 31 Series, 34, 52, 53, 60 Series, 80 Series, 90 Series, 626, 700 Series, 840 Series, 870 Series, 950 Series, 1400 Series, 1560 Series, 1570 Series , 1610 Series.

These flow straighteners work best at lower spray heights, with all of the above jets and nozzles as well as others..

Marked improvements in spray effects can be achieved at low sprayheights with Stream Jets .

These flow straighteners are ideal for use with water switches when connected with pipe coupling to the water switch, spray effect performance can improve dramatically. Retro fitted to existing installations will improve their spray effects.

PEM 01050 Series Flow Straighteners are not for use with **PEM 800 Series Brass Stream Jets**, with flow straighteners incorporated. **PEM 01050 Series Flow Straighteners are not for very high water pressure and debris loaded water.**

PEM 01050 Series Flow Straighteners are available custom made as PEM 01060 in Stainless Steel Pipe Nipples

PEM 01050 Series Flow Straighteners are available custom made as PEM 01070 in threaded, PVC Pipe Nipples.

PEM 01050 Series Flow Straightener Inserts are available in OEM quantities as

PEM 01040 Series without pipe nipple in pipe sizes : 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2" & 2"

PEM #	01053	01054	01055	01056	01057	01058
T (NPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
OV mm	30mm	39mm	41mm	43mm	45mm	54mm
OV Inches	1.181"	1.535"	1.614"	1.675"	1.771"	2.152"
FL L/min*	70	170	230	305	400	450
FL GPM*	18	45	60	80	106	120
PR *m(appr.)	2.8m	2.8m	2.5m	2.2m	2.0m	2.0m
PR * Ft Head	9.3'	9.3'	8.3'	7.3'	6.6'	6.6'
SS	3mm\0.125"	3mm\0.125"	3mm\0.125"	3mm\0.125"	3mm\0.125"	4mm\0.158"

T = Pipe Size with (male) outside NPT pipe thread also suitable for NPS & BSP pipe.

OV = Overall Height/Length of fitting

FL = Suggested maximum flow

PR = Approximate. pressure loss through fitting at maximum flow

SS = Suction Strainer maximum size orifice openings

PEM 01050 Series Flow Straighteners are made of Virgin Metal Red Brass Pipe, with ABS molded Flow Straightener, secured with stainless steel bolt (s) to pipe.