

PEM #	14-12 504-5220		14-14 504-5240		14-16 504-5260	
T	1"		1 1/2"		2"	
OX	51mm/2.0"		51mm/2.0"		76mm/3.0"	
OV	166mm/6.5"		170mm/6.7"		248mm/9.77"	
OD	76mm/3.0"		76mm/3.0"		130mm/5.1"	
UT	126mm/5.0"		132mm/5.2"		152mm/6.0"	
X (+/-)*	2mm/0.08"		3mm/0.12"		4mm/0.16"	
SS	1.7mm/0.065"		2mm/0.08"		3mm/0.125"	
V	FL	MC	FL	MC	FL	MC
m	L	m	L	m	L	m
0.50	76	2.5	87	2.75		
1.00	91	4.3	106	4.58		
1.50	106	5.9	129	6.10	269	3.4
2.00	118	7.1	144	7.62	311	4.0
2.50	163	8.1	163	9.15	347	5.1
3.00			182	10.70	383	6.1
4.00			238	13.70	440	7.7
5.00					485	9.8
6.00					526	12.2
Ft	G	Ft	G	Ft	G	Ft
2	22	10	24	10		
3	24	13	27	13		
4	26	17	31	17		
5	28	20	33	20	71	11
6	30	23	37	23	79	13
8	34	29	42	29	90	15
10	43	48	48	35	101	20
12			56	42	111	23
15			73	53	123	31
20					139	41

* - 'X' Out put is adjustable after installation. Performances shown are with shown 'X' opening.

#504-5200 PEM 14-10

WATERLEVEL INDEPENDENT PARTIAL IMMERSIBLE AERATING JETS



14-16



14-14



14-12

PEM 14-10 Series Jets are made of cast bronze, brass and copper, stainless steel fitted and have an adjustable after installation flow control. PEM 14-10 Series Waterlevel Independent, Immersible and Flow Adjustable Aerating Jets are for installation into the water of a pool with only the top of the jet protruding above the water. For installations out of the water use PEM 14 Series jets. Dimension 'UT' is maximum immersion of jet.

PEM #	15-3 504-6010		15-6 504-6020	
V	FL	MC	FL	MC
m	L	m	L	m
0.25	48	2.1		
0.50	68	3.2		
1.00	87	4.9	198	1.48
1.50	103	6.4	223	2.74
2.00	116	7.7	260	3.44
2.50	128	8.4	295	4.15
3.00	139	9.9	335	4.99
4.00	151	11.8	452	6.90
Ft	G	Ft	G	Ft
1	15.1	7.5		
2	18.3	11.2		
3	22.5	15.4	50.5	6.5
4	24.9	18.0	56.1	7.4
5	27.0	21.0	59.0	9.0
6	29.6	23.9	65.0	10.9
8	33.6	28.5	76.9	13.2
10	37.0	32.5	88.6	16.4
12	40.5	36.7	105.7	19.7

PEM 15 Series Jets are made of cast bronze, brass and copper. PEM 15 Series Waterlevel Independent Cascade Jets are designed for use with 'dirty' water as they can digest solids to the orifice size shown. These jets have the best foaming / white water spray effect in the lower sprayheights. The air intake has to be well above waterlevel if the jets are immersed into a pool to avoid surge oscillating.

PEM #	15-3 504-6010	15-6 504-6020
T	1"	1 1/2"
OX	35mm / 1.378"	50mm / 2.00"
OV	92mm / 3.622"	149mm / 5.87"
OD	42mm / 1.660"	60mm / 2.37"
SS	8mm / 0.325"	18mm / 0.71"
UT	67mm / 2.640"	129mm / 5.08"

#504-6000 PEM 15-0

WATERLEVEL INDEPENDENT PARTIAL IMMERSIBLE CASCADE JETS



15-6



15-3

PEM #	16-3 504-7010		16-7 504-7030			
T	1" Male		3" Female			
OX	51mm/2.000"		76mm/3.000"			
OV	133mm/5.236"		381mm/15.000"			
OD	87mm/3.430"		114mm/4.490"			
X	4mm/0.160"		8mm/0.320"			
UT	93mm/3.670"		331mm/ 13.040"			
V	FL	MC	FL	MC	FL	MC
m	L	m	'A' L	'A' m	'B' L	'B' m
0.25	68	3.3				
0.50	88	4.7				
1.00	124	7.0				
1.50	155	9.0	410	3.30		
2.00	182	10.7	450	4.90	490	5.8
2.50	207	12.3	505	5.30	570	7.0
3.00	226	13.7	560	8.10	655	8.1
4.00	256	16.3	660	10.20	755	10.2
5.00			745	12.60	848	12.6
6.00			810	14.40	920	14.4
Ft	G	Ft	G	Ft	G	Ft
1	19.3	11.2				
2	24.9	15.7				
3	32.8	22.0				
4	36.2	25.3				
5	41.1	29.5	108	12		
6	45.9	33.9	125	15	148	19
8	54.7	39.4	135	19	162	21
10	59.7	44.9	148	24	173	27
12	64.8	50.2	164	29	190	31
15			185	34	211	34
20			214	40	243	47

#504-7000 PEM 16-0

WATERLEVEL INDEPENDENT PARTIAL IMMERSIBLE CASCADE JETS

PEM 16 Series Jets are made of cast bronze, brass and copper.

PEM 16 Series jets require suction straining as indicated. The air intake has to be well above waterlevel if the jets are immersed into a pool to avoid surge oscillation.

PEM 16-7 is supplied with internal adjustment to provide either effect 'A', a slender aerated cascade spray, using less water & pressure or type 'B', a heavy very impressive cascade spray using more water & pressure. Low to intermediate spray heights are most recommended.



16-7



16-3