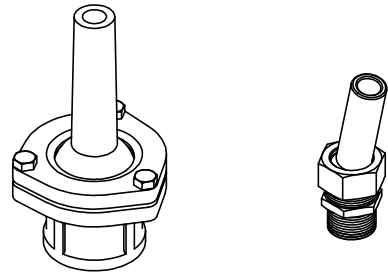


Function

A long and slender column of water which displays an attractive "rooster tail" in mild winds, the NEA Plume Jet may also be used for vertical effects, angled spray bars and rings. Not water level dependent.



Specification

Construction shall be cast bronze and brass with DEFO integral swivel connection.

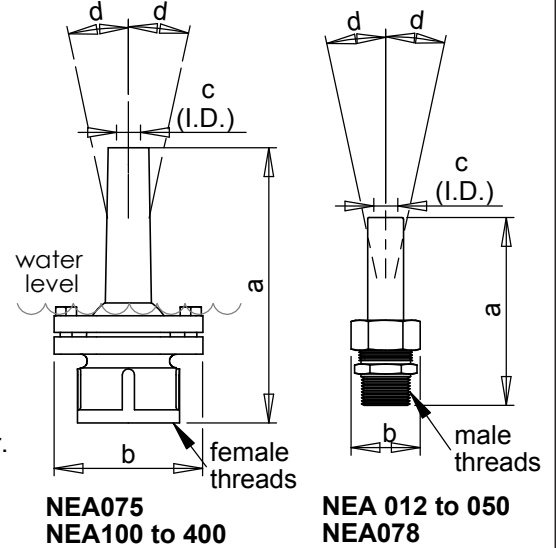
Option

WMF082 - Key for angle adjustment (NEA012 to NEA050 only)

Notes

For optimum effect:

1. Requires fine screening at pump. Screen openings should not exceed 50% of dimension 'c'.
2. Swivel alignment should not exceed 5°.
3. Requires a straight length of pipe to inlet minimum 6 x inlet size diameter.
4. Contact Crystal Fountains for customized bore sizes.



DEFO part no.	inlet n.p.t. / b.s.p. m-male f-female	suction strainer openings required	a	b	c (I.D.)	d	spray height	5'	10'	15'	20'	30'	40'	50'	60'	70'	80'	90'	100'
NEA012	1/8" (m)	.065"	1-7/8"	1/2"	.125"	15°	gpm head spread	0.7 8' 1"	1.0 14' 1"										
NEA025	1/4" (m)	.090"	2-1/4"	3/4"	.187"	18°	gpm head spread	2.2 8' 6"	2.8 14' 6"	3.3 20' 6"									
NEA037	3/8" (m)	.125"	2-3/4"	1"	.250"	18°	gpm head spread	3.6 8' 6"	5.1 14' 6"	6 20' 6"	6.5 27' 6"								
NEA050	1/2" (m)	.190"	3-1/2"	1"	.375"	15°	gpm head spread	5.0 8' 6"	7.5 14' 8"	10 20' 20"	12.5 27' 20"								
NEA075	3/4" (f)	.125"	4"	2-1/4"	.250"	15°	gpm head spread	3 8' 8"	5 15' 8"	6 28' 20"									
NEA078	3/4" (m)	.250"	3-7/8"	1-1/2"	.500"	12°	gpm head spread	11.4 8' 12"	16.5 15' 30"	19.5 21.5' 33"	22.9 29' 36"								
NEA100	1" (f)	.190"	5"	2-1/2"	.375"	15°	gpm head spread	7 8' 8"	9 14' 12"	12 21' 36"	14 44' 40"								
NEA125	1-1/4" (f)	.250"	5-1/2"	3-1/4"	.500"	15°	gpm head spread	11 7' 8"	16 13' 12"	20 19' 24"	25 33' 40"								
NEA150	1-1/2" (f)	.312"	6"	3-1/4"	.625"	15°	gpm head spread		24 14' 12"	30 24' 24"	37 28' 40"	45 41' 52"							
NEA200	2" (f)	.435"	7-1/2"	4-3/8"	.875"	15°	gpm head spread		45 12' 18"	56 19' 26"	67 26' 46"	86 44' 64"	113 69' 76"	117 74' 88"					
NEA300	3" (f)	.550"	12-1/4"	6"	1.125"	15°	gpm head spread		79 12' n/a	94 19' n/a	116 27' n/a	137 27' n/a	174 58' n/a	197 79' n/a	230 115' n/a				
NEA400	4" (f)	.750"	16"	8-3/4"	1.500"	15°	gpm head spread				198 24' n/a	259 37' n/a	284 51' n/a	320 61' n/a	393 84' n/a	407 97' n/a	423 104' n/a	496 110' n/a	520 150' n/a

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