

HydroClaw[®]



(HC) Superior Clog Resistance



DESIGN FEATURES

- Patent approved, clog-resistant design with no moving parts
- Self-draining and self-flushing
- Allows passage of particle 1/4" diameter, which is 3 times free passage of comparable spray ball
- Made from FDA-compliant 316L SS material
- Low pressure/high flow reduces water consumption
- Clip-on nozzles include low-profile retaining pin for secure connection

SPRAY CHARACTERISTICS

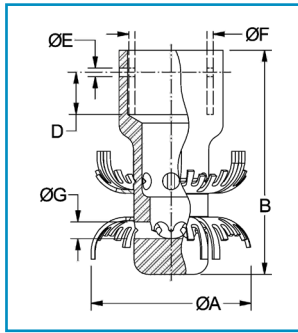
- Vigorous rinsing action quickly flushes solids and contamination from vessels
- Optimum cleaning performance at 2 bar

Spray Angles: Complete 360 degree spray

Flow Rates: 119 to 442 l/min

Max Temperature: 200°F/93°C

DIMENSIONS IN MILLIMETERS



Nozzle Number	Female Connection Size	A	B	D	E	F	Weight (grams)
HC-42	3/4" FNPT	60.5	91.2				416
	3/4" G	60.5	91.2				413
	1" Tube Weld-On	60.5	91.2				325
	1 1/2" Tube Clip-On	60.5	102	19.1	4.1	38.1	504
	1" Tube Clip-On	60.5	19.1	19.1	4.1	25.4	391
	3/4" Pipe Clip-On	60.5	91.2	19.1	4.1	26.7	382
HC-100	DN20 Tube Clip-On	60.5	91.2	19.1	4.1	23.1	416
	1" FNPT	73.2	102				649
	1"	73.2	102				635
	1 1/2" Tube Weld-On	73.2	102				425
	1 1/2" Tube Clip-On	73.2	102	19.1	4.1	38.1	527
	DN40 Tube Clip-On	73.2	102	19.1	4.1	40.0	437
1" Pipe Clip-On	73.2	102	19.1	4.1	33.5	598	

HYDROCLAW[®] FLOW RATES

Materials: 316L Stainless Steel

Female Connection Type	Nozzle Number	Spray Angles	Flow Rate (L/min) @ Differential Pressure (bar)				Maximum Free Passage mm	Coverage Dia @ 3 bar m
			1.5	2	2.5	3		
			bar	bar	bar	bar		
3/4" FNPT, G	HC-42	360°	119	136	152	166	6.40	2
1" Tube Weld-on			119	136	152	166		
1" Tube Clip-On			125	145	161	176		
1 1/2" Tube Clip-On			125	145	161	176		
3/4" Pipe Clip-On			125	145	161	176		
DN20 Tube Clip-On			125	145	161	176		
1" FNPT, G	HC-100	360°	279	322	360	394	7.60	3
1 1/2" Tube Weld-on			279	322	360	394		
1 1/2" Tube Clip-On			312	361	403	442		
DN40 Tube Clip-On			312	361	403	442		
1" Pipe Clip-On			312	361	403	442		

Clip-on flow rates may vary depending on actual O.D. of installation tube or pipe.