

HydroClaw®



(HC) Clog-Resistant Stationary Design



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

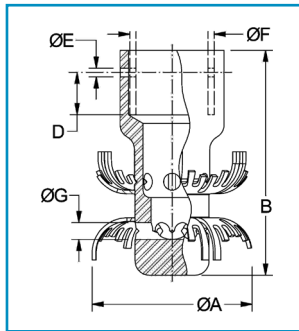
- Vigorous rinsing action quickly flushes solids and contamination from vessels
- Optimum cleaning performance at 30 psi

Spray Angles: Complete 360° spray

Flow Rates: 33 - 112 GPM

Max Temperature: 200°F/93°C

DIMENSIONS IN INCHES



Nozzle Number	Female Connection Type	A	B	D	E	F	Weight (oz)
HC-42	3/4" FNPT	2.38	3.59				15
	3/4" G	2.38	3.59				15
	1" Tube Weld-On	2.38	3.59				12
	1 1/2" Tube Clip-On	2.88	4.00	0.75	0.16	1.50	15
	1" Tube Clip-On	2.38	3.59	0.75	0.16	1.00	14
	3/4" Pipe Clip-On	2.38	3.59	0.75	0.16	1.05	14
HC-100	DN20 Tube Clip-On					0.91	15
	1" FNPT	2.38	4.00				23
	1" G	2.38	4.00				22
	1 1/2" Tube Weld-On	2.88	4.00				15
	1 1/2" Tube Clip-On	2.88	4.00	0.75	0.16	1.50	18
	DN40 Tube Clip-On	2.88	4.00	0.75	0.16	1.57	15
	1" Pipe Clip-On	2.88	4.00	0.75	0.16	1.32	21

HYDROCLAW® FLOW RATES

Materials: 316L Stainless Steel

Female Connection Type	Nozzle Number	Spray Angles	Flow Rate (GPM) @ Differential Pressure (psi)				Maximum Free Passage	Coverage Dia @ 30 psi
			25	30	35	40		
			psi	psi	psi	psi		
3/4" FNPT, G	HC-42	360°	33.4	36.6	39.5	42.0	0.25	8
1" Tube Weld-on			33.4	36.6	39.5	42.0		
1" Tube Clip-On			35.7	38.9	42.0	44.8		
1 1/2" Tube Clip-On			35.7	38.9	42.0	44.8		
3/4" Pipe Clip-On			35.7	38.9	42.0	44.8		
DN20 Tube Clip-On			35.7	38.9	42.0	44.8		
1" FNPT, G	HC-100	360°	79.0	86.5	93.5	100	0.30	10
1 1/2" Tube Weld-on			79.0	86.5	93.5	100		
1 1/2" Tube Clip-On			88.5	96.9	105	112		
1" Pipe Clip-On			88.5	96.9	105	112		
DN40 Tube Clip-On			88.5	96.9	105	112		

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