



## CSH101-HH

Operating Point	32 GPM (US) @ 80' TDH			
Mainstream Flowrate	25.6			
Sidestream Flowrate	6.4			
Separator - Size & Style	CS-1T-THD, Carbon Steel, Powder Coated			
Frame Construction	Carbon Steel (Welded), Powder Coated			
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated			
<b>ELECTRICAL - Motor &amp; System</b>				
Horsepower (HP)	1.5			
Power - Volts / Hz	460/60	575/60	230/60	208/60
RPM	3500	3500	3500	3500
Motor Amperage	3	2.4	6	6.6
System Total Amperage	5	4.4	8	8.6
<b>PUMP</b>				
Installation	Flooded Suction Required			
Case Material	Cast Iron			
Impeller Material	Cast Iron			
Mechanical Seal	Buna - Carbon / Ceramic			
<b>BASKET STRAINER (Optional)</b>				
Body Construction	Cast Iron			
Strainer Mesh	Stainless Steel with 1/4" perforations			
Connection - Type & Size	Female NPT 1.5"			
<b>CONTROL PANEL (UL Listed &amp; Labeled. Manufactured to UL 508A)</b>				
Enclosure (UL listed & CSA approved)	NEMA 4 (STD) - Carbon Steel, Powder Coated NEMA 4X (Optional) - 304			
Electrical Components (UL listed & CSA approved)	Thermal Overload Starter, HOA, XFMR, "RUN" Light, Door Disconnect, Contactor, Purge Timer			
<b>PROCESS INLET</b>				
Connection - Type & Size	NPT 1.5" - Union Ball Valve			
<b>PROCESS OUTLET</b>				
Connection - Type & Size	NPT 1" - Union Ball Valve			
<b>PURGE - MBV(Motorized Ball Valve) &amp; RT (Recovery Tank)</b>				
Actuator Motor	24-240V AC/DC			
MBV Connection Type	Female NPT 1"			
RT Size	RT-0.5			
RT Connection Type	RTM-10			
<b>PRESSURE - Maximum Operating</b>				
Pump Inlet	100 psi (6.9 bar)			
Vessel	150 psi (10.3 bar)			
<b>TEMPERATURE - Maximum Operating</b>				
System	34°F - 122°F (1°C - 50°C)			
<b>WEIGHTS</b>	<b>DRY</b>	<b>SHIPPING</b>	<b>OPERATING</b>	
lbs (kg)	317(144)	427(194)	346(157)	

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	REV: <b>A</b>

\*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES