



**CSH301-LH**

Operating Point	280 GPM (US) @ 40' TDH			
Mainstream Flowrate	224			
Sidestream Flowrate	56			
Separator - Size & Style	CS-3T-THD, Carbon Steel, Powder Coated			
Frame Construction	Carbon Steel (Welded), Powder Coated			
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated			

ELECTRICAL - Motor & System				
Horsepower (HP)	5			
Power - Volts / Hz	460/60	575/60	230/60	208/60
RPM	3500	3500	3500	3500
Motor Amperage	7.6	6.1	15.2	16.7
System Total Amperage	9.6	8.1	17.2	18.7

PUMP	
Installation	Flooded Suction Required
Case Material	Cast Iron
Impeller Material	Cast Iron
Mechanical Seal	Buna - Carbon / Ceramic

BASKET STRAINER (Optional)	
Body Construction	Cast Iron
Strainer Mesh	Stainless Steel with 1/4" perforations
Connection - Type & Size	Female NPT 3"

CONTROL PANEL (UL Listed & Labeled. Manufactured to UL 508A)	
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

PROCESS INLET	
Connection - Type & Size	NPT 3" - Gate Valve

PROCESS OUTLET	
Connection - Type & Size	NPT 3" - Gate Valve

PURGE - MBV(Motorized Ball Valve) & RT (Recovery Tank)	
Actuator Motor	24-240V AC/DC
MBV Connection Type	Female NPT 1"
RT Size	RT-1
RT Connection Type	RTM-10

PRESSURE - Maximum Operating	
Pump Inlet	100 psi (6.9 bar)
Vessel	150 psi (10.3 bar)

TEMPERATURE - Maximum Operating	
System	34°F - 122°F (1°C - 50°C)

WEIGHTS	DRY	SHIPPING	OPERATING
lbs (kg)	597 (271)	707 (321)	704 (319)

PREPARED BY: PEI-CHI (JASON) WU	PAGE: <b>1</b>
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	REV: <b>A</b>

\*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES