



CSH1001-LH

Operating Point	2950 GPM (US) @ 40' TDH		
Mainstream Flowrate	2360		
Sidestream Flowrate	590		
Separator - Size & Style	CS-10T-FLG, Carbon Steel, Powder Coated		
Frame Construction	Carbon Steel (Welded), Powder Coated		
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated		

ELECTRICAL - Motor & System

Horsepower (HP)	50		
Power - Volts / Hz	460/60	575/60	230/60
RPM	1750	1750	1750
Motor Amperage	65	52	130
System Total Amperage	67	54	132

PUMP

Installation	Flooded Suction Required
Case Material	Cast Iron
Impeller Material	304
Mechanical Seal	EPDM - Carbon / Ceramic

BASKET STRAINER (Optional)

Body Construction	Cast Iron
Strainer Mesh	Stainless Steel with 1/4" perforations
Connection - Type & Size	10" FLG (150#)

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	10" FLG (150#) - Butterfly Valve
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PROCESS OUTLET

Connection - Type & Size	10" FLG (150#) - Butterfly Valve
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PURGE - MBV (Motorized Ball Valve) & RT (Recovery Tank)

Actuator Motor	24-240V AC/DC
MBV Connection Type	Female NPT 2"
RT Size	RT-1.5
RT Connection Type	RTM-20

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)
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WEIGHTS	DRY	SHIPPING	OPERATING
lbs (kg)	3582 (1625)	4032 (1829)	5096 (2312)

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*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

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