



CSH1000-LH

Operating Point	2300 GPM (US) @ 40' TDH		
Mainstream Flowrate	1840		
Sidestream Flowrate	460		
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)	30		
Power - Volts / Hz	460/60	575/60	230/60
RPM	1750	1750	1750
Motor Amperage	40	32	80
System Total Amperage	42	34	82

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

PROCESS OUTLET	
Connection - Type & Size	10" FLG (150#) - Butterfly Valve

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)

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