



CSH1200-LH

Operating Point	3500 GPM (US) @ 40' TDH		
Mainstream Flowrate	2800		
Sidestream Flowrate	700		
Separator - Size & Style	CS-12T-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	875	875	875
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	14" 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	14" FLG (150#) - Butterfly Valve
--------------------------	----------------------------------

PROCESS OUTLET

Connection - Type & Size	12" 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)	5527 (2507)	6057 (2747)	7877 (3573)

PREPARED BY: VINH QUAN TRAN	PAGE: 1
RELEASED BY: BOB KAZANJY	DATE: 01/15/2019

REV:
A

*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES