



CSS101-HH

Operating Point	32 GPM (US) @ 80' TDH			
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			

ELECTRICAL - Motor & System

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

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 1.5"			

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 1.5" - Union Ball Valve			
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PROCESS OUTLET

Connection - Type & Size	NPT 1" - Union Ball Valve			
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PURGE - MBV (Motorized Ball Valve)

Actuator Motor	24-240VAC/DC			
Connection Type	Female NPT 1"			

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)	290(132)	400(181)	306(139)

PREPARED BY: VINH

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RELEASED BY: BOB KAZANJY

DATE: 12/18/2018

REV: A



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*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

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