GENERAL WATER SYSTEMS

THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS

CSS1000-LH 2300 GPM (US) @ 40' TDH

CS-10T-FLG, Carbon Steel, Powder Coated

[1054mm]	Outlet——Separator
$ \begin{array}{c c} 41\frac{1}{2}"\\ \hline & [775mm]\\ 30\frac{1}{2}"\\ \hline & [810mm] \end{array} $	Control Panel—
31 7/8"	Purge
[530mm] 20 $\frac{7}{8}$ "	Inlet Pump & Motor
	Basket Strainer

	Frame Construction	Carbon Steel (VVelo	ied), Powder Coated	a	
	Pipe Assy - Construction	Carbon Steel (Weld	ded), Powder Coated	d	
E	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	
P	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 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, Dool Disconnect, Contactor, Purge Timer		

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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)

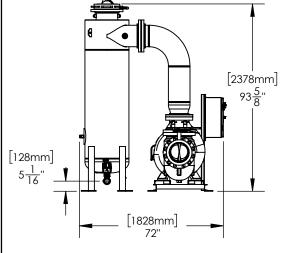
Ľ	i ortor - mbv (motorized Bail valve)			
	Actuator Motor	24-240V AC/DC		
	Connection Type	Female NPT 2"		

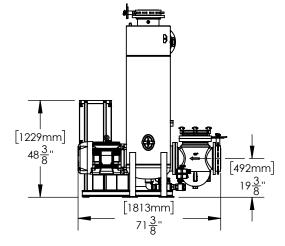
P	PRESSURE - Maximum Operating			
	Pump Inlet	100 psi (6.9 bar)		
	Vessel	150 psi (10.3 bar)		

TEMPERATURE - Maximum Operating			
System	34°F - 122°F (1°C - 50°C)		
WEIGHTS	DRY	SHIPPING	OPERATING
п и х	0000 (4.407)	0750 (4704)	1.10.1 (0.00.0)

System	34°F - 122°F (1°C -	34°F - 122°F (1°C - 50°C)		
WEIGHTS	DRY	SHIPPING	OPERATING	
lbs (kg)	3300 (1497)	3750 (1701)	4494 (2038)	
<u> </u>		*UNLESS OTHERWISE SPECIFIED -		

ALL DIMENSIONS ARE IN INCHES





PREPARED BY: PAGE: VINH DATE: REV: RELEASED BY: **BOB KAZANJY** 7/17/2019 Α



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Operating Point

Separator - Size & Style

ĆSS1000-LH