## **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	ied), Powder Coate	a		
	Pipe Assy - Construction	Carbon Steel (Weld	ded), Powder Coate	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	

L	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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(UL listed & CSA approved)	NEMA 4 (STD) - Carbon Steel, Powder Coated NEMA 4X (Optional) - 304		

	1 1 1 /	
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)

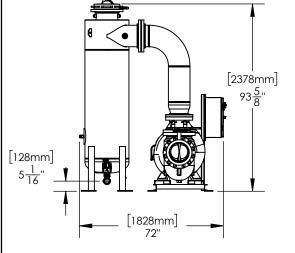
Ľ	i ortor - mbv (motorized Bail valve)			
	Actuator Motor	24-240V AC/DC		
	Connection Type	Female NPT 2"		

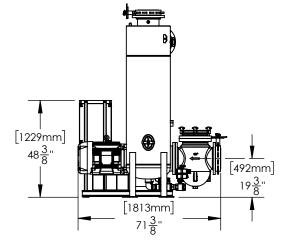
P	PRESSURE - Maximum Operating			
	Pump Inlet	100 psi (6.9 bar)		
	Vessel	150 psi (10.3 bar)		

TEMPERATURE - Maximu	m Operating		
System	34°F - 122°F (1°C - 50°C)		
WEIGHTS	DRY	SHIPPING	OPERATING
II (I )	0000 (4407)	0750 (4704)	4.40.4 (0.00.0)

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

ALL DIMENSIONS ARE IN INCHES





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



General Water Systems | P. O. Box 444 | Desert Hot Spring | CA | 92204 www.gwslp.com | info@gwslp.com | 951.213.9506 | 386.255.3909

Operating Point

Separator - Size & Style

ĆSS1000-LH