GENERAL WATER SYSTEMS

CSS

[978mm] $38\frac{1}{2}$ "

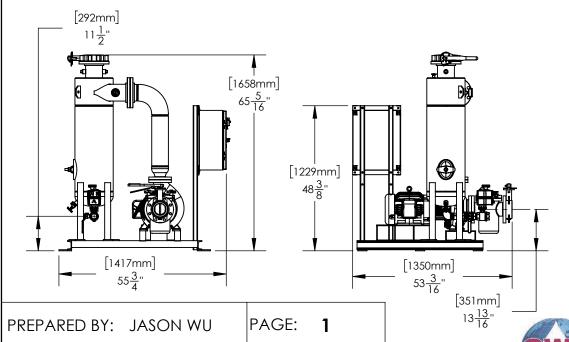
[1232mm] $48\frac{1}{2}$ "

Purge Outlet
Separator
Control
Panel
Pump &
Motor

Basket
Strainer

REV:

Α



DATE:

7/17/2019

BOB KAZANJY

RELEASED BY:

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

	CSS50	00-LH			
Operating Point	525 GPM (US) @	525 GPM (US) @ 40' TDH			
Separator - Size & Style	CS-5T-FLG, Carbon Steel, Powder Coated				
Frame Construction	Carbon Steel (Welded), Powder Coated				
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated				
ELECTRICAL - Motor & Syste	<u> </u>	,,			
Horsepower (HP)		1	0		
Power - Volts / Hz	460/60	575/60	230/60	208/60	
RPM	1750	1750	1750	1750	
Motor Amperage	14	11	28	30.8	
System Total Amperage	16	13	30	32.8	
PUMP	_			•	
Installation	Flooded Suction Required				
Case Material	Cast Iron				
Impeller Material	304				
Mechanical Seal	EPDM - Carbon / Ceramic				
BASKET STRAINER (Optional	l)				
Body Construction	Cast Iron				
a	Stainless Steel with 1/4" perforations				
Strainer Mesh	Stainless Steel v	vitn 1/4° perioratio	ons		
Strainer Mesh Connection - Type & Size	4" FLG (150#)	vitn 1/4" perioratio	ons		
Connection - Type & Size	4" FLG (150#)	·			
Connection - Type & Size CONTROL PANEL (UL Listed	4" FLG (150#) & Labeled. Manuf	actured to UL 5	08A)		
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) -	factured to UL 5	08A)		
Connection - Type & Size CONTROL PANEL (UL Listed	4" FLG (150#) & Labeled. Manuf	factured to UL 5	08A)		
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option	factured to UL 5	08A) owder Coated	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved)	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overloa	factured to UL 5 Carbon Steel, Ponal) - 304	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved)	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overloa	Carbon Steel, Ponal) - 304	08A) owder Coated KFMR, "RUN" Lig	yht,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnection	Carbon Steel, Ponal) - 304 ad Starter, HOA, 2t, Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overloa	Carbon Steel, Ponal) - 304 ad Starter, HOA, 2t, Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
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Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I	Carbon Steel, Ponal) - 304 ad Starter, HOA, At, Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	yht,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I Il Valve)	Carbon Steel, Ponal) - 304 ad Starter, HOA, At, Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - If 5" FLG (150#) - If Il Valve) 24-240V AC/DC	Carbon Steel, Ponal) - 304 ad Starter, HOA, 2t, Contactor, Pure Butterfly Valve	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor Connection Type	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I Il Valve) 24-240V AC/DC Female NPT 1.5	Carbon Steel, Ponal) - 304 ad Starter, HOA, 2t, Contactor, Pure Butterfly Valve	08A) owder Coated KFMR, "RUN" Lig	yht,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor Connection Type PRESSURE - Maximum Opera	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I IValve) 24-240V AC/DC Female NPT 1.5	Carbon Steel, Ponal) - 304 ad Starter, HOA, Att, Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor Connection Type PRESSURE - Maximum Opera Pump Inlet	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEWA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I IValve) 24-240V AC/DC Female NPT 1.5 ating 100 psi (6.9 bar)	Carbon Steel, Ponal) - 304 ad Starter, HOA, at Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor Connection Type PRESSURE - Maximum Opera Pump Inlet Vessel	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I Il Valve) 24-240V AC/DC Female NPT 1.5 atting 100 psi (6.9 bar) 150 psi (10.3 bar)	Carbon Steel, Ponal) - 304 ad Starter, HOA, at Contactor, Pure	08A) owder Coated KFMR, "RUN" Lig	ght,	
Connection - Type & Size CONTROL PANEL (UL Listed Enclosure (UL listed & CSA approved) Electrical Components (UL listed & CSA approved) PROCESS INLET Connection - Type & Size PROCESS OUTLET Connection - Type & Size PURGE - MBV (Motorized Bal Actuator Motor Connection Type PRESSURE - Maximum Opera Pump Inlet Vessel TEMPERATURE - Maximum O	4" FLG (150#) & Labeled. Manuf NEMA 4 (STD) - NEMA 4X (Option Thermal Overload Door Disconnect 4" FLG (150#) - I 5" FLG (150#) - I Il Valve) 24-240V AC/DC Female NPT 1.5 ating 100 psi (6.9 bar) 150 psi (10.3 bar) Operating	Carbon Steel, Ponal) - 304 ad Starter, HOA, 2t, Contactor, Pure Butterfly Valve Butterfly Valve	08A) owder Coated KFMR, "RUN" Lig	ght,	
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*UNLESS OTHERWISE SPECIFIED -ALL DIMENSIONS ARE IN INCHES

CSS500-LH