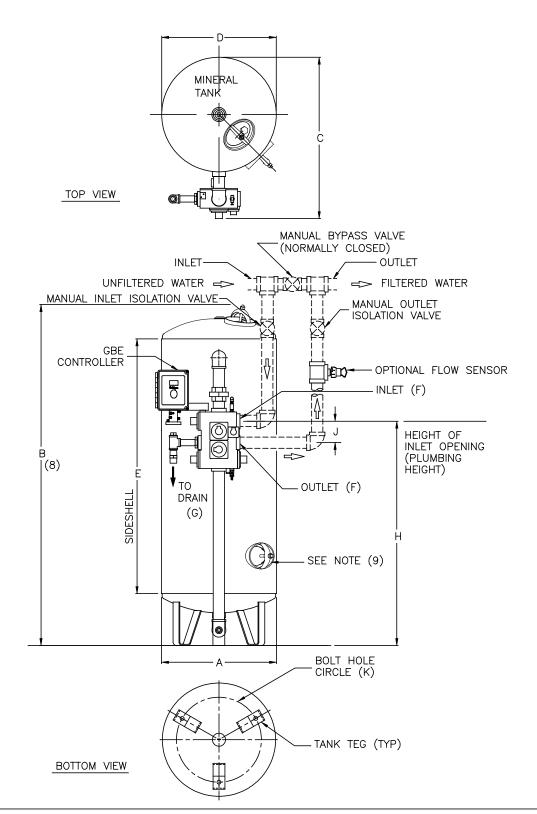
					DIN	MENSIONS (INCH	UNIT DATA F	PER TANK									
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	INLET TO OUTLET	BOLT HOLE CIRCLE DIA.	TASTE, ODOR, & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW	DRAIN FLOW	MIN. DRAIN PIPE SIZE		SIMPLEX OPER. WT.	SIMPLEX SHIP. WT.
MODEL	Α	B(8)	С	D	E	F	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-242R	25	74	33	24	54	2.0	1.0	47.62	4.62	18"	16 @ 3	31 @ 6	30	1.25	4	1465	1048
CSM-302R	31	85	40	30	60	2.0	2.5	47.62	4.62	24"	25 @ 4	49 @ 7	45	1.25	4.25	2320	1500
CSM-362R	37	88	46	36	60	2.0	3.0	47.62	4.62	30"	35 @ 3	71 @ 11	70	2	7	3745	2760
CSM-422R	43	90	53	42	60	2.0	3.0	47.62	4.62	36"	48 @ 4	96 @ 13	95	2	3	4775	3180

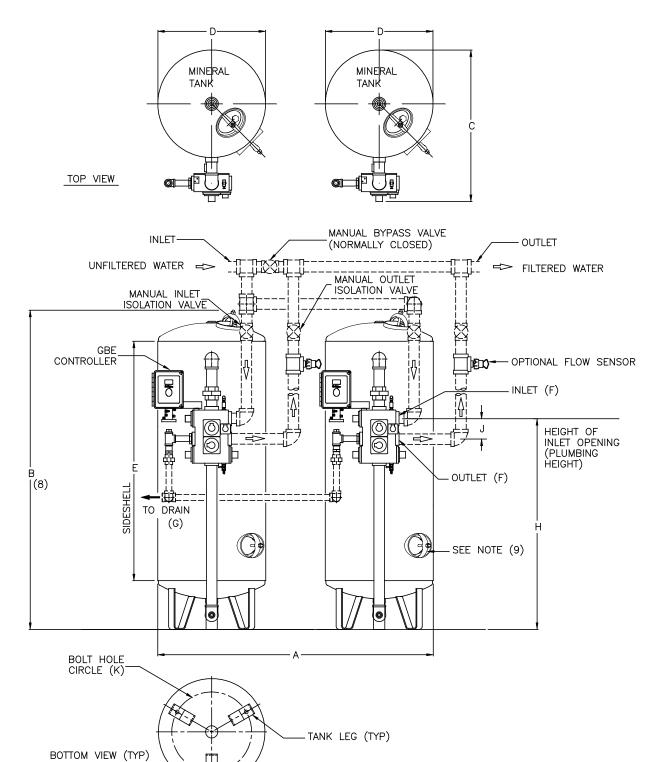


- (1) PIPING AND FITTINGS SHOWN DASHED TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE IN INCHES (±1 INCH) AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET, OUTLET, AND DRAIN CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
- (4) THE USE OF DISSIMILAR METALS IN A PIPING SYSTEM IS NOT RECOMMENDED. WHERE DISSIMILAR METALS MUST BE CONNECTED IN A WATER SYSTEM, THE USE OF NONCONDUCTIVE (DIELECTRIC) FITTINGS MAY REDUCE GALVANIC CORROSION.
- (5) FOR MAXIMUM PROTECTION OF THE CONTROLLER, IT IS RECOMMENEDED THAT A DEDICATED 120 VOLT CIRCUIT IS PROVIDED.
- (6) ALLOW A MINIMUM OF 24 INCHES ABOVE FILTER FOR FILLING.
- (7) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST FOUR TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (8) OVERALL TANK HEIGHT IS BASED ON STANDARD NON-CODE TANK CONSTRUCTION. SEE ASME TANK HEIGHT ADDER FOR ASME TANKS.
- (9) ACCESS OPENINGS SHOWN ON TANK ARE FOR REFERENCE ONLY. QUANTITY, TYPE AND PLACEMENT ARE DEPENDENT ON TANK SIZE.

	DO NOT SCALE DRAN TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culligan® ENGINEERED SYSTEMS
Let.	Change	Ву	App	Date	FNGINFFRED SYSTEMS
					ROSEMONT, ILLINOIS
					PRINT AND BILL OF MATERIAL ARE NOT
					TO BE USED WITHOUT THE WRITTEN
					CONSENT OF CULLIGAN INTERNATIONAL CO.

	NAME		(	CSM	1									
		SIMPLEX	C	ARE	BON FILTE	:R								
S		TECHNIC	CAL	. DA	ATA SHEE	Т								
	DET	AILED BY: APP. BY: SHEET												
т	KMR	7/1/03	KS	SR	01/11/10	1 OF 1								
1	REF. NO													
CO.		CSM_SIMP_CARBON												

					DIME	NSIONS (INCHES	MENSION	S (INCHES)	UNIT DATA F	PER TANK							
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	INLET TO	CIRCLE DIA.	REMOVAL FLOW	CHLORINATION FLOW	FLOW	MIN. DRAIN PIPE SIZE	ADDER (8)	DUPLEX OPER. WT.	
MODEL	A	B(8)	С	D	E	F	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-242R	62	74	33	24	54	2.0	1.0	47.62	4.62	18"	16 @ 3	31 @ 6	30	1.25	4	2930	2096
CSM-302R	74	85	40	30	60	2.0	2.5	47.62	4.62	24"	25 @ 4	49 @ 7	45	1.25	4.25	4540	3000
CSM-362R	86	88	46	36	60	2.0	3.0	47.62	4.62	30"	35 <b>@</b> 3	71 @ 11	70	2	7	7490	5520
CSM-422R	98	90	53	42	60	2.0	3.0	47.62	4.62	36"	48 @ 4	96 @ 13	95	2	3	9550	6360



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- (8) OVERALL TANK HEIGHT IS BASED ON STANDARD NON-CODE TANK CONSTRUCTION. SEE ASME TANK HEIGHT ADDER FOR ASME TANKS.

DUPLEX CARBON FILTER

TECHNICAL DATA SHEET

APP. BY:

PART NO.

KSR 01/11/10 1 OF 1

CSM\_DUP\_CARBON

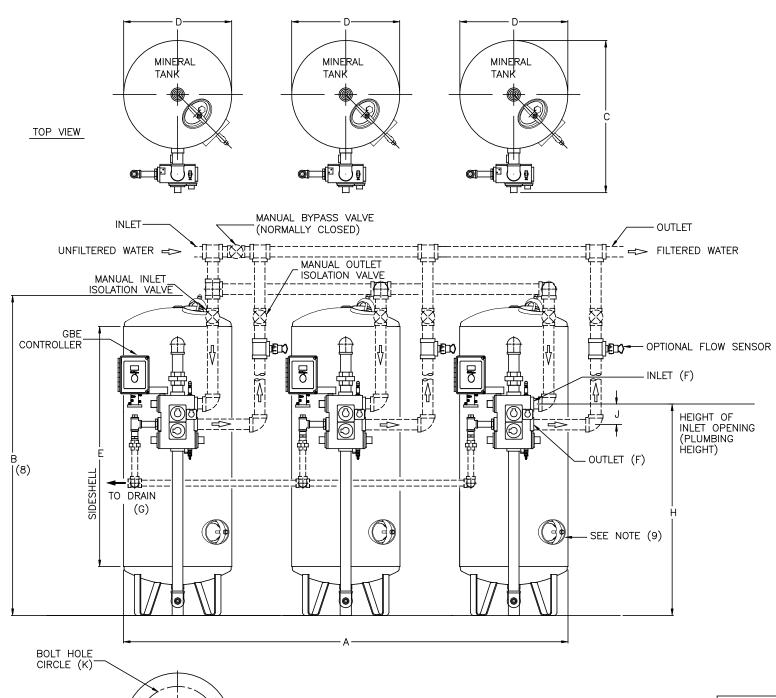
DETAILED BY:

7/1/03

(9) ACCESS OPENINGS SHOWN ON TANK ARE FOR REFERENCE ONLY. QUANTITY, TYPE AND PLACEMENT ARE DEPENDENT ON TANK SIZE.

	DO NOT SCALE DRAW	/ING			004	NAME
	TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culligan® ENGINEERED SYSTEMS	D
Let.	Change	Ву	App	Date	FNGINFFRED OSYSTEMS	T
					ROSEMONT, ILLINOIS	DETAILE
					·	KMR 7
					PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN	REF. NO.
					CONSENT OF CULLIGAN INTERNATIONAL CO.	

					DI	MENSIONS (INCH	IES)				UNIT DATA	PER TANK					
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO	INLET TO OUTLET	BOLT HOLE CIRCLE DIA.	TASTE, ODOR, & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW	DRAIN FLOW	MIN. DRAIN PIPE SIZE		TRIPLEX OPER. WT.	TRIPLEX SHIP. WT.
MODEL	Α	B(8)	С	D	E	F	G	Н	J	К	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-242R	99	74	33	24	54	2.0	1.0	47.62	4.62	18"	16 <b>@</b> 3	31 @ 6	30	1.25	4	4395	3144
CSM-302R	117	85	40	30	60	2.0	2.5	47.62	4.62	24"	25 @ 4	49 <b>@</b> 7	45	1.25	4.25	6960	4500
CSM-362R	135	88	46	36	60	2.0	3.0	47.62	4.62	30"	35 <b>@</b> 3	71 @ 11	70	2	7	11235	8280
CSM-422R	153	90	53	42	60	2.0	3.0	47.62	4.62	36"	48 @ 4	96 @ 13	95	2	3	14325	9540



TANK LEG (TYP)

BOTTOM VIEW (TYP)

## NOTES:

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CSM

TRIPLEX CARBON FILTER

TECHNICAL DATA SHEET

APP. BY:

CSM\_TRI\_CARBON

DETAILED BY:

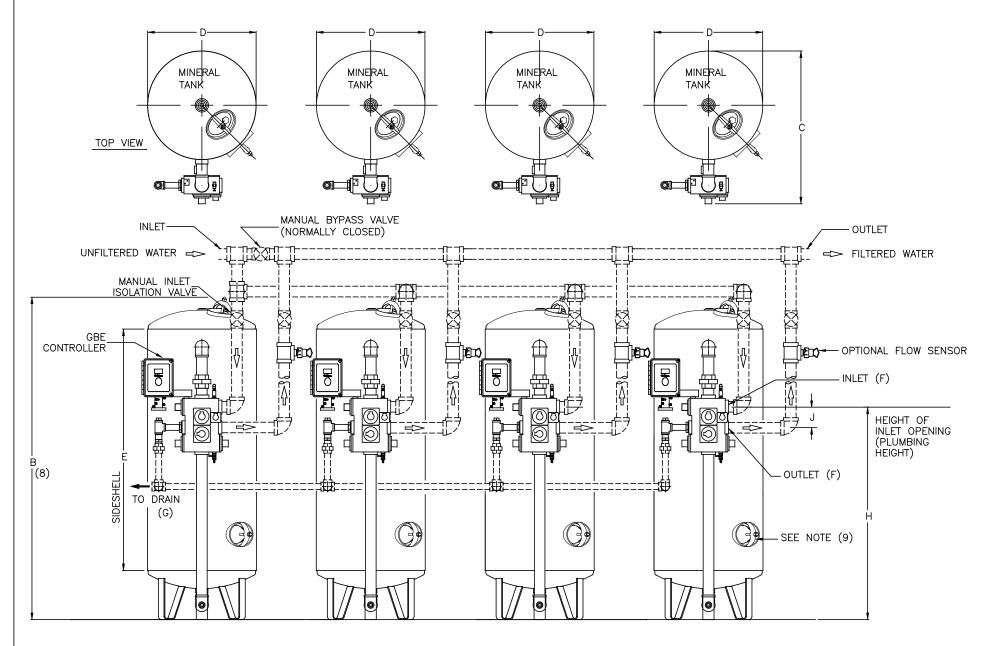
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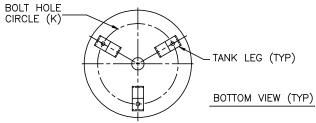
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	DO NOT SCALE DRAV TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culligan® ENGINEERED SYSTEMS
Let.	Change	Ву	Арр	Date	ENGINEERED OSYSTEMS
					ROSEMONT, ILLINOIS
					PRINT AND BILL OF MATERIAL ARE NOT -
					TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.
					CONSENT OF COLLIGAN INTERNATIONAL CO.

					DIME	ENSIONS (INCHE	S)				UNIT DATA F	PER TANK					
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO	INLET TO OUTLET	BOLT HOLE CIRCLE DIA.	TASTE, ODOR, & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW	DRAIN FLOW	MIN. DRAIN PIPE SIZE	ASME TANK HEIGHT ADDER (8)	QUAD OPER. WT.	QUAD SHIP. WT.
MODEL	A	B(8)	С	D	E	F	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-242R	136	74	33	24	54	2.0	1.0	47.62	4.62	18"	16 @ 3	31 @ 6	30	1.25	4	5860	4192
CSM-302R	160	85	40	30	60	2.0	2.5	47.62	4.62	24"	25 @ 4	49 @ 7	45	1.25	4.25	9280	6000
CSM-362R	184	88	46	36	60	2.0	3.0	47.62	4.62	30"	35 <b>@</b> 3	71 @ 11	70	2	7	14980	11040
CSM-422R	208	90	53	42	60	2.0	3.0	47.62	4.62	36"	48 @ 4	96 @ 13	95	2	3	19100	12720



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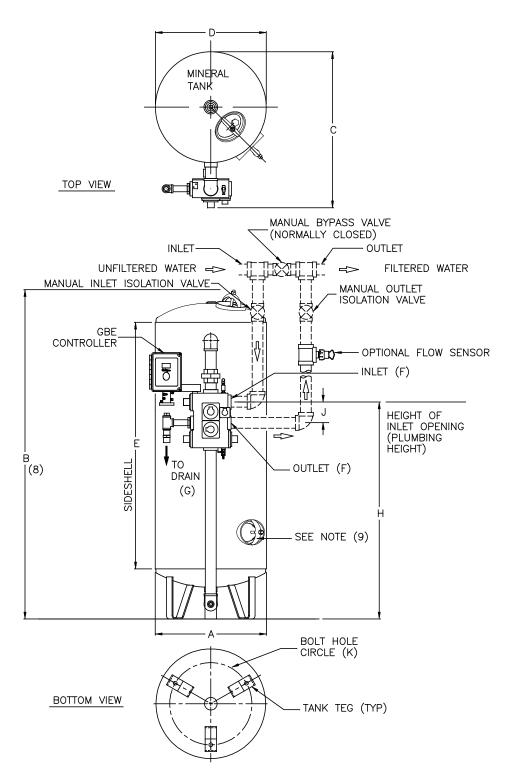
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Culigan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

PRINT AND BILL OF MATERIAL ARE NOT
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN
CONSENT OF CULLIGAN INTERNATIONAL CO.

	NAME			CSM		
		QUAD (	CA	RB0	N FILTER	<u> </u>
,		TECHNIC	AL	_ DA	TA SHEE	Т
	D	ETAILED BY:			P. BY:	SHEET
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	REF.	NO.		PART		
0.				CSM	_QUAD_	CARBON

					DIME	NSIONS (INCHES	S)			UNIT DATA	PER TANK						
															ASME TANK		
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO	INLET TO	BOLT HOLE CIRCLE DIA.	NORMAL FLOW	PEAK FLOW	DRAIN FLOW	MIN. DRAIN PIPE SIZE	HEIGHT ADDER (8)	SIMPLEX OPER. WT.	SIMPLEX SHIP. WT.
1,005				DIA.	JIILLL	FIFE SIZES			OUILLI					IN.	` ′		
MODEL	_ A	B(8)	С	U	E	Г	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IIN.	IN.	lbs.	lbs.
CSM-202D	21	73	29	20	54	2.0	1.0	47.62	4.62	14"	22 @ 6	33 @ 12	30	1.25	3	1415	1096
CSM-242D	25	74	33	24	54	2.0	2.5	47.62	4.62	18"	32 <b>©</b> 5	48 @ 9	45	1.5	4	2215	1658
CSM-302D	31	85	40	30	60	2.0	3.0	47.62	4.62	24"	50 <b>©</b> 9	74 @ 17	75	2	4.25	3560	2414
CSM-362D	37	88	46	36	60	2.0	3.0	47.62	4.62	30"	71 @ 11	107 @ 23	105	2	7	5600	4030
CSM-422D	43	90	53	42	60	2.0	4.0	47.62	4.62	36"	97 @ 15	145 @ 28	150	2.5	3	6470	5008
CSM-423D	43	90	54	42	60	3.0	4.0	49.62	6.62	36"	97 @ 6	145 @ 11	150	2.5	3	6520	5058



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	NOTED	WISE		DO NOT SCALE DRAN TOLERANCES: ±1/8" UNLESS C	
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CONSENT					

Culligan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

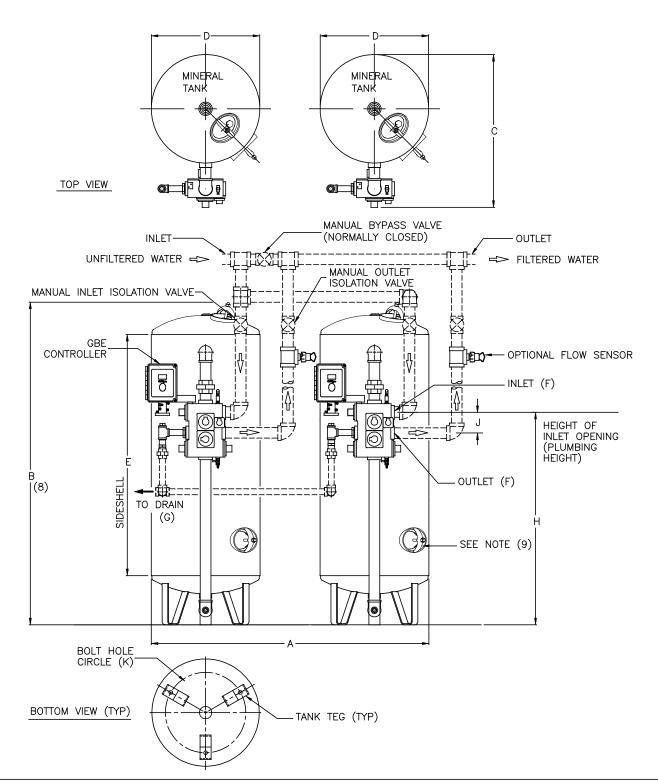
SIMPLEX DEPTH FILTER
TECHNICAL DATA SHEET

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REF. NO. PART NO.

CSM\_SIMP\_DEPTH

					DIMI	ENSIONS (INCHE	S)				UNIT DATA	PER TANK					
															ASME TANK		
	WIDTH	HEIGHT	DEPTH	TANK DIA.	SIDE- SHELL	INLET/OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	INLET TO OUTLET	BOLT HOLE CIRCLE DIA.	NORMAL FLOW	PEAK FLOW	DRAIN FLOW	MIN. DRAIN PIPE SIZE	HEIGHT ADDER (8)	DUPLEX OPER. WT.	DUPLEX SHIP. WT.
MODEL	Α	B(8)	С	D	E	F	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-202D	54	73	29	20	54	2.0	1.0	47.62	4.62	14"	22 @ 6	33 @ 12	30	1.25	3	2830	2192
CSM-242D	62	74	33	24	54	2.0	2.5	47.62	4.62	18"	32 <b>©</b> 5	48 @ 9	45	1.5	4	4430	3316
CSM-302D	74	85	40	30	60	2.0	3.0	47.62	4.62	24"	50 @ 9	74 @ 17	75	2	4.25	7120	4828
CSM-362D	86	88	46	36	60	2.0	3.0	47.62	4.62	30"	71 @ 11	107 @ 23	105	2	7	11200	8060
CSM-422D	98	90	53	42	60	2.0	4.0	47.62	4.62	36"	97 @ 15	145 @ 28	150	2.5	3	12940	10016
CSM-423D	98	90	54	42	60	3.0	4.0	49.62	6.62	36"	97 @ 6	145 @ 11	150	2.5	3	13040	10116



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CONSENT OF CULLIGAN INTERNATIONAL CO.

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	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culigan® ENGINEERED SYSTEMS
t.	Change	Ву	Арр	Date	FNGINFFRED OSYSTEMS
					ROSEMONT. ILLINOIS
					,,
					PRINT AND BILL OF MATERIAL ARE NOT

DUPLEX DEPTH FILTER
TECHNICAL DATA SHEET

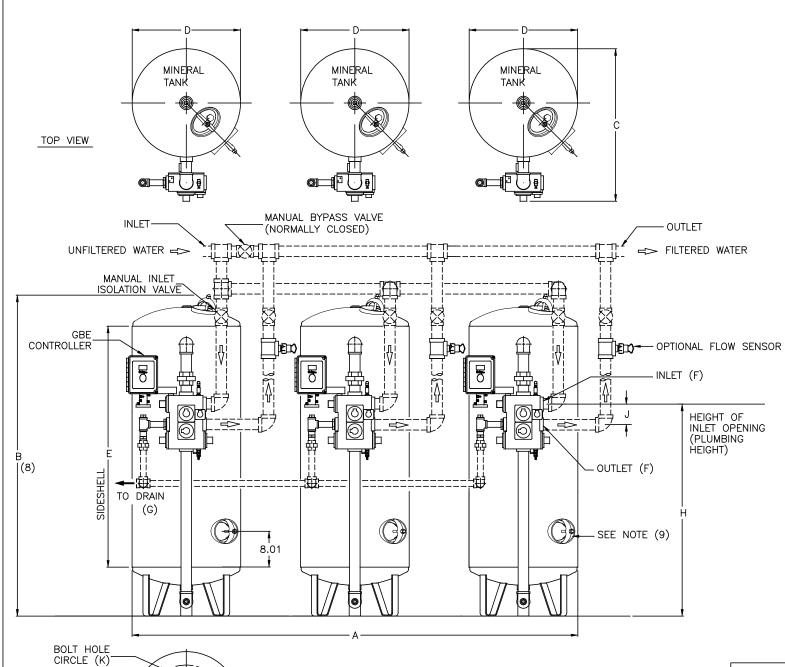
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 1 OF 1

 REF. NO.
 PART NO.

 CSM\_DUP\_DEPTH

DIMENDIANA (MANIFO)																	
DIMENSIONS (INCHES)										UNIT DATA	A PER TANK						
															ASME TANK		
				TANK	SIDE-	INLET/OUTLET	DRAIN	FLOOR TO			NORMAL	PEAK		MIN. DRAIN		TRIPLEX	TRIPLEX
	WIDTH	HEIGHT	DEPTH	DIA.	SHELL	PIPE SIZES	SIZE	INLET	OUTLET	CIRCLE DIA.	FLOW	FLOW	FLOW	PIPE SIZE	ADDER (8)	OPER. WT.	SHIP. WT.
MODEL	Α	B(8)	С	D	E	F	G	Н	J	К	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-202D	87	73	29	20	54	2.0	1.0	47.62	4.62	14"	22 @ 6	33 @ 12	30	1.25	3	4245	3288
CSM-242D	99	74	33	24	54	2.0	2.5	47.62	4.62	18"	32 <b>©</b> 5	48 <b>@</b> 9	45	1.5	4	6645	4974
CSM-302D	117	85	40	30	60	2.0	3.0	47.62	4.62	24"	50 @ 9	74 @ 17	75	2	4.25	10680	7242
CSM-362D	135	88	46	36	60	2.0	3.0	47.62	4.62	30"	71 @ 11	107 @ 23	105	2	7	16800	12090
CSM-422D	153	90	53	42	60	2.0	4.0	47.62	4.62	36"	97 @ 15	145 @ 28	150	2.5	3	19410	15024
CSM-423D	153	90	54	42	60	3.0	4.0	49.62	6.62	36"	97 @ 6	145 @ 11	150	2.5	3	19560	15174



TANK LEG (TYP)

BOTTOM VIEW (TYP)

## NOTES:

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- (8) OVERALL TANK HEIGHT IS BASED ON STANDARD NON-CODE TANK CONSTRUCTION. SEE ASME TANK HEIGHT ADDER FOR ASME TANKS.
- (9) ACCESS OPENINGS SHOWN ON TANK ARE FOR REFERENCE ONLY. QUANTITY, TYPE AND PLACEMENT ARE DEPENDENT ON TANK SIZE.

	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culigan® ENGINEERED SYSTEMS
Let.	Change	Ву	App	Date	ENGINEERED SYSTEMS
				ROSEMONT, ILLINOIS	
					PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN
					CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CSM
TRIPLEX DEPTH FILTER
TECHNICAL DATA SHEET

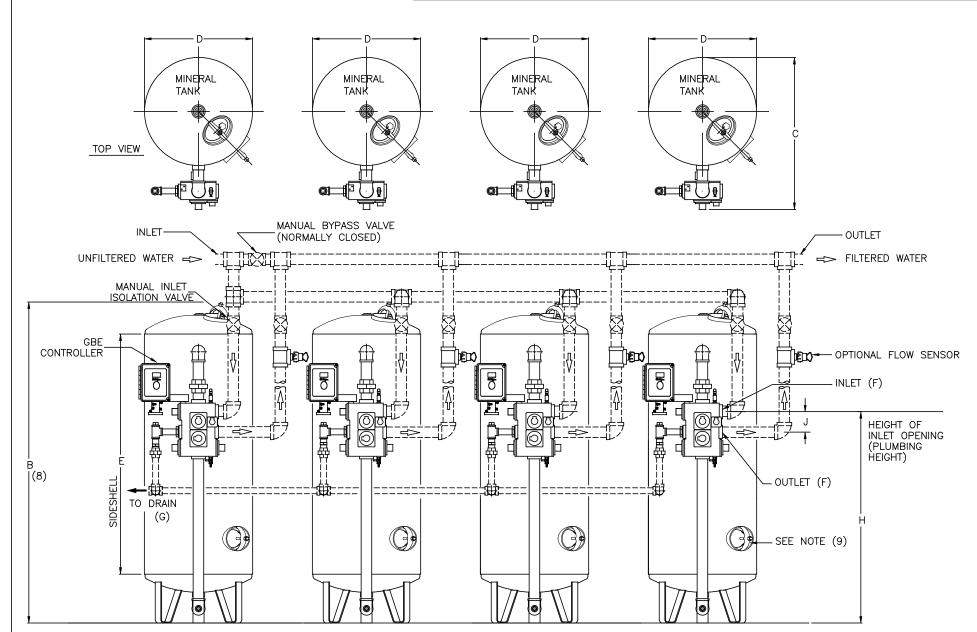
DETAILED BY: APP. BY: SHEET

KMR 7/1/03 KSR 01/11/10 1 0F 1

REF. NO. PART NO.

CSM\_TRI\_DEPTH

			DI	MENSIONS	S (INCHE	S)		UNIT DATA	PER TANK								
				TANK	SIDE-	INLET/OUTLET	DRAIN	FLOOR TO	INLET TO	BOLT HOLE	NORMAL	PEAK	DRAIN	MIN. DRAIN	ASME TANK HEIGHT	QUAD	QUAD
	WIDTH	HEIGHT	DEPTH	DIA.	SHELL	PIPE SIZES	SIZE	INLET	OUTLET	CIRCLE DIA.	FLOW	FLOW	FLOW	PIPE SIZE	ADDER (8)	OPER. WT.	SHIP. WT.
MODEL	Α	B(8)	С	D	E	F	G	Н	J	K	gpm @ DP	gpm @ DP	gpm	IN.	IN.	lbs.	lbs.
CSM-202D	120	73	29	20	54	2.0	1.0	47.62	4.62	14"	22 @ 6	33 @ 12	30	1.25	3	5660	4384
CSM-242D	136	74	33	24	54	2.0	2.5	47.62	4.62	18"	32 @ 5	48 <b>©</b> 9	45	1.5	4	8860	6632
CSM-302D	160	85	40	30	60	2.0	3.0	47.62	4.62	24"	50 @ 9	74 @ 17	75	2	4.25	14240	9656
CSM-362D	184	88	46	36	60	2.0	3.0	47.62	4.62	30"	71 @ 11	107 @ 23	105	2	7	22400	16120
CSM-422D	208	90	53	42	60	2.0	4.0	47.62	4.62	36"	97 @ 15	145 @ 28	150	2.5	3	25880	20032
CSM-423D	208	90	54	42	60	3.0	4.0	49.62	6.62	36"	97 @ 6	145 @ 11	150	2.5	3	26080	20232



- (1) PIPING AND FITTINGS SHOWN DASHED TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE IN INCHES (±1 INCH) AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET, OUTLET, AND DRAIN CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
- (4) THE USE OF DISSIMILAR METALS IN A PIPING SYSTEM IS NOT RECOMMENDED. WHERE DISSIMILAR METALS MUST BE CONNECTED IN A WATER SYSTEM, THE USE OF NONCONDUCTIVE (DIELECTRIC) FITTINGS MAY REDUCE GALVANIC CORROSION.
- (5) FOR MAXIMUM PROTECTION OF THE CONTROLLER, IT IS RECOMMENEDED THAT A DEDICATED 120 VOLT CIRCUIT IS PROVIDED.
- (6) ALLOW A MINIMUM OF 24 INCHES ABOVE FILTER FOR FILLING.
- (7) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST FOUR TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (8) OVERALL TANK HEIGHT IS BASED ON STANDARD NON-CODE TANK CONSTRUCTION. SEE ASME TANK HEIGHT ADDER FOR ASME TANKS.
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BOLT HOLE CIRCLE (K)	
	TANK LEG (TYP)
	BOTTOM VIEW (TYP)

	DO NOT SCALE DRAV TOLERANCES: ±1/8" UNLESS O		WISE	NOTED
Let	Change	Ву	Арр	Date



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CONSEN	T OF	CULI	LIGAN	INTER	NOITAN	AL	CO.

	NAME	NAME CSM											
		QUAD DEPTH FILTER											
	-	TECHNICAL DATA SHEET											
				APP. BY: SHEET									
	KMR	7/1/03	KSR	01/	11/10	1	OF	1					
	REF. NO.			PART N									
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