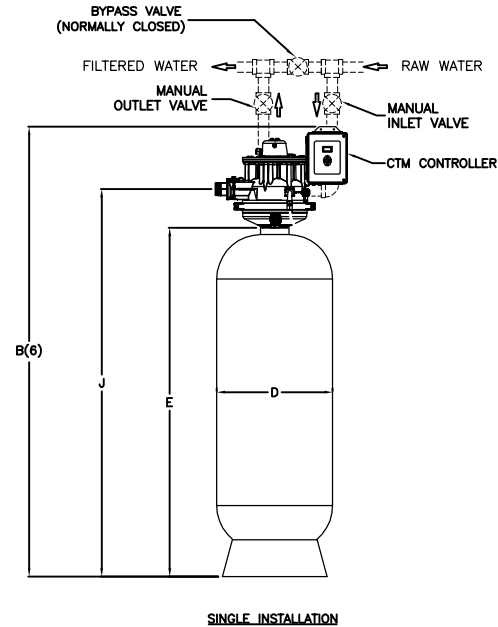
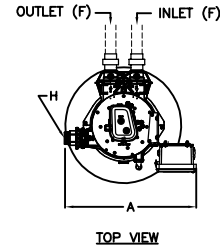


NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	SIMPLEX OPER. WT. lbs.	SIMPLEX SHIP. WT. lbs.
CTM-21-CF	24	85.5	21	62	2.0	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	562	470
CTM-24-CF	24	92.7	24	72	2.0	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	931	555
CTM-30-CF	30	97.4	30	72	2.0	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	1489	820
CTM-36-CF	36	99.8	36	72	2.0	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	2108	1135



DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

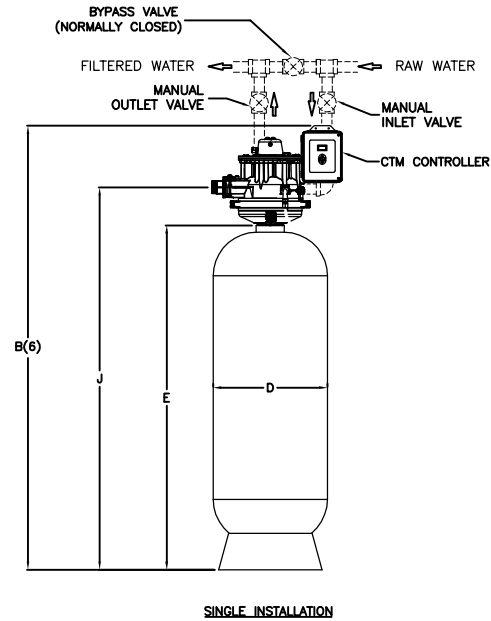
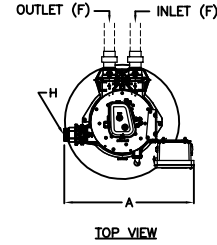
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME		
CTM 2.0" METERED AUTOMATIC CARBON FILTER SINGLE TECHNICAL DATA SHEET		
DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	LW 8/18/15	1 OF 1
REF. NO.	PART NO.	
	DRW-2147	

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK					MIN. DRAIN PIPE SIZE IN.	SIMPLEX OPER. WT. lbs.	SIMPLEX SHIP. WT. lbs.
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm				
CTM-21-CF	24	85.5	21	62	1.5	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	562	470	
CTM-24-CF	24	92.7	24	72	1.5	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	931	555	
CTM-30-CF	30	97.4	30	72	1.5	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	1489	820	
CTM-36-CF	36	99.8	36	72	1.5	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	2108	1135	



DO NOT SCALE DRAWING
TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED

Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

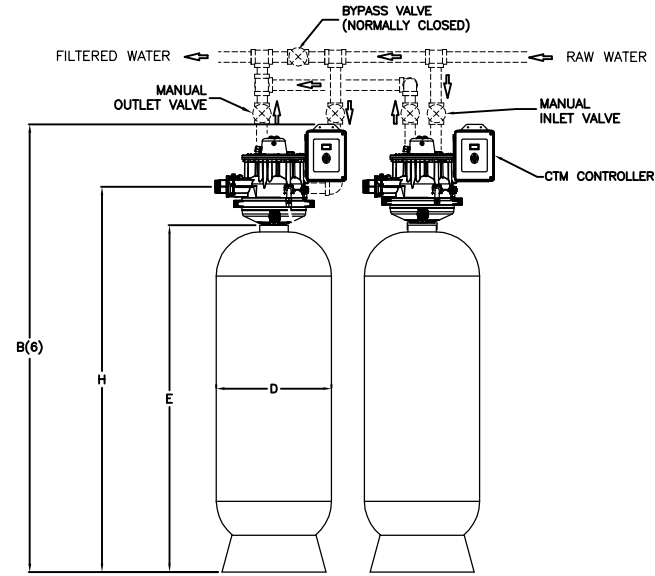
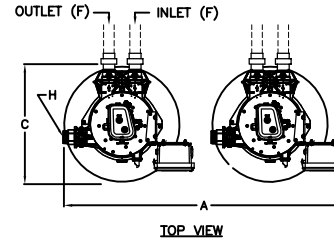
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME		CTM 1.5" METERED AUTOMATIC CARBON FILTER SINGLE TECHNICAL DATA SHEET	
DETAILED BY:	APP. BY:	MKM	LW
8/04/15	8/18/15		
REF. NO.	PART NO.		DRW-2143


NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)								UNIT DATA PER TANK							
	WIDTH A	HEIGHT B(6)	DEPTH C	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	DUPLEX OPER. WT. lbs.	DUPLEX SHIP. WT. lbs.	
CTM-21-CF	53	85.5	24	21	62	2.0	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	1124	960	
CTM-24-CF	56	92.7	24	24	72	2.0	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	1862	1110	
CTM-30-CF	66	97.4	30	30	72	2.0	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	2978	1640	
CTM-36-CF	78	99.8	36	36	72	2.0	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	4216	2270	



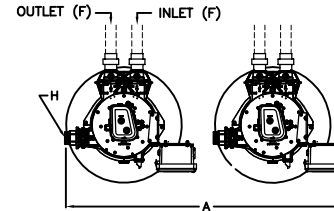
DUPLEX INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED				 ENGINEERED SYSTEMS ROSEMONT, ILLINOIS		NAME CTM 2.0" METERED AUTOMATIC CARBON FILTER DUPLEX TECHNICAL DATA SHEET		
Let.	Change	By	App			Date	DETAILED BY:	APP. BY:
A	Remove 16" system & dimension C.	MM		2/10/17	MKM	LW	1 OF 1	
B	Modify resin volume.	MM		4/1/17	8/04/15	8/18/15		
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.						REF. NO.	PART NO.	
							DRW-2148	

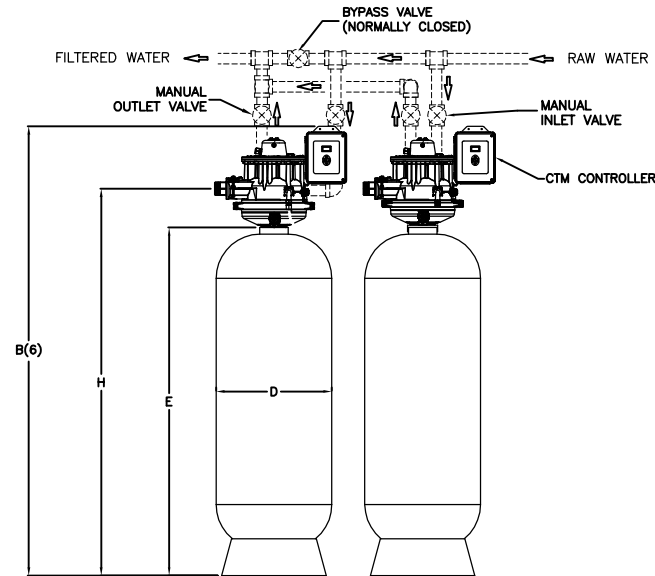
NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
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- (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.
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- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
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MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	DUPLEX OPER. WT. lbs.	DUPLEX SHIP. WT. lbs.
CTM-21-CF	53	85.5	21	62	1.5	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	1124	960
CTM-24-CF	56	92.7	24	72	1.5	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	1862	1110
CTM-30-CF	66	97.4	30	72	1.5	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	2978	1640
CTM-36-CF	78	99.8	36	72	1.5	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	4216	2270



TOP VIEW



DUPLIX INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED			
Let.	Change	By	App Date
A	Remove 16" system & dimension C.	MM	2/10/17
B	Modify resin volume.	MM	4/1/17

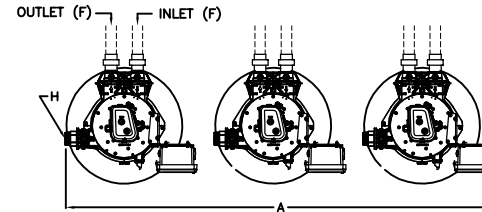
Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS
 PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 1.5" METERED AUTOMATIC CARBON FILTER DUPLEX TECHNICAL DATA SHEET		
DETAILED BY: MKM 8/04/15	APP. BY: LW 8/18/15	SHEET 1 OF 1
REF. NO.	PART NO. DRW-2144	

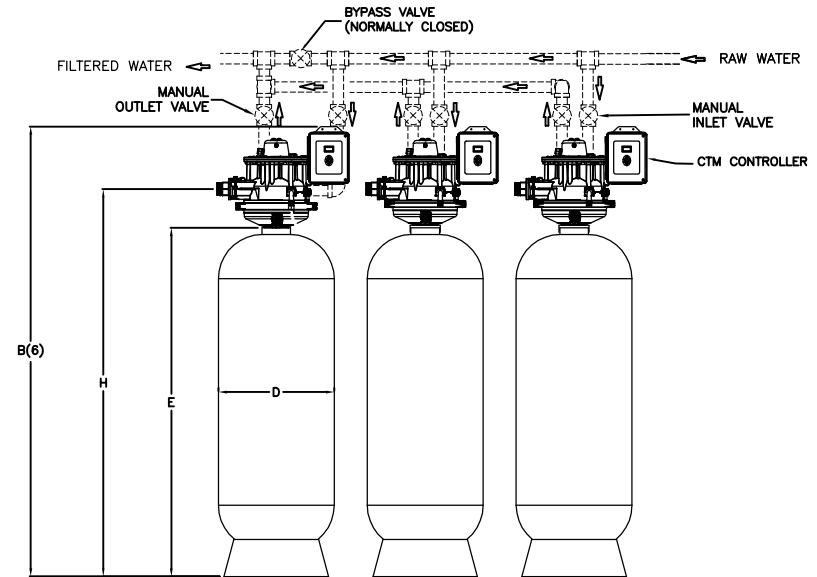
NOTES:

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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. lbs.	TRIPLEX SHIP. WT. lbs.
CTM-21-CF	82	85.5	21	62	2.0	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	1686	1410
CTM-24-CF	86	92.7	24	72	2.0	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	2793	1665
CTM-30-CF	102	97.4	30	72	2.0	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	4467	2460
CTM-36-CF	120	99.8	36	72	2.0	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	6324	3405



TOP VIEW



TRIPLEX INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

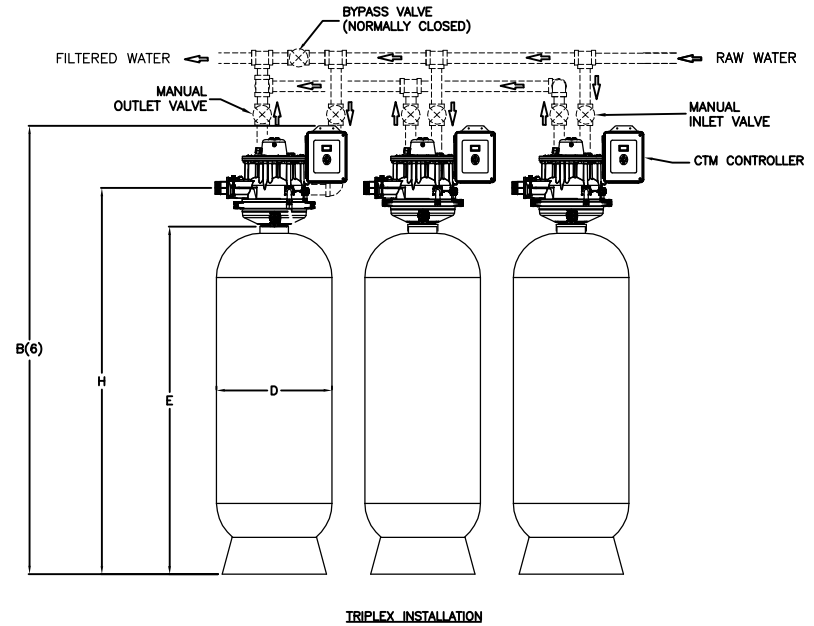
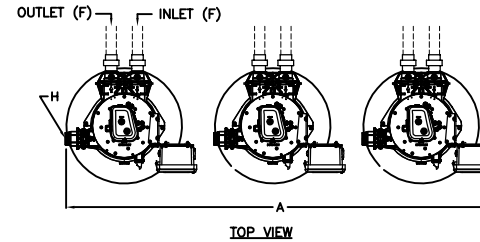
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME		
CTM 2.0" METERED AUTOMATIC CARBON FILTER TRIPLEX TECHNICAL DATA SHEET		
DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	LW 8/18/15	1 OF 1
REF. NO.	PART NO.	
	DRW-2149	

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK					DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. lbs.	TRIPLEX SHIP. WT. lbs.
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³						
CTM-21-CF	82	85.5	21	62	1.5	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	1686	1410		
CTM-24-CF	86	92.7	24	72	1.5	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	2793	1665		
CTM-30-CF	102	97.4	30	72	1.5	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	4467	2460		
CTM-36-CF	120	99.8	36	72	1.5	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	6324	3405		



DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED			
Let.	Change	By App	Date
A	Remove 16" system & dimension C.	MM	2/10/17
B	Modify resin volume.	MM	4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

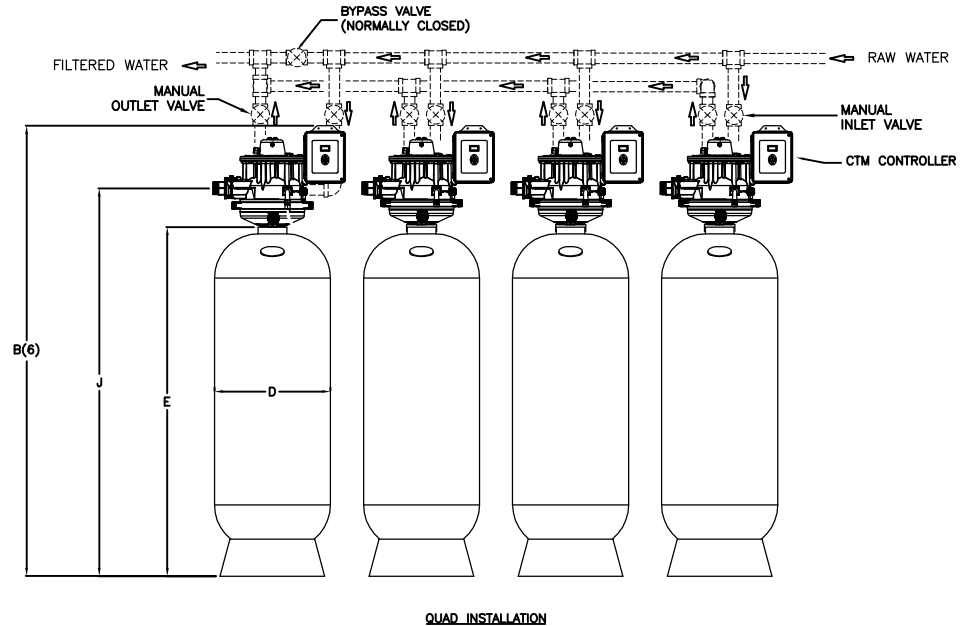
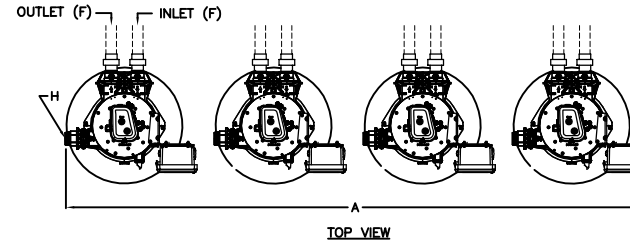
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 1.5" METERED AUTOMATIC CARBON FILTER TRIPLEX TECHNICAL DATA SHEET		
DETAILED BY: MKM 8/04/15	APP. BY: LW 8/18/15	SHEET 1 OF 1
REF. NO.	PART NO. DRW-2145	

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECT TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	QUAD OPER. WT. lbs.	QUAD SHIP. WT. lbs.
CTM-21-CF	141	85.5	21	62	2.0	2.0	74	12 @ 1.5	24 @ 4	8.0	20	1.5	2248	1920
CTM-24-CF	146	92.7	24	72	2.0	2.0	81.3	16 @ 2	31 @ 4	11.0	30	1.5	3724	2220
CTM-30-CF	138	97.4	30	72	2.0	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	5956	3280
CTM-36-CF	162	99.8	36	72	2.0	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	8432	4540



DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED			
Let.	Change	By	App Date
A	Remove 18" system & dimension C.	MM	2/10/17
B	Modify resin volume.	MM	4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

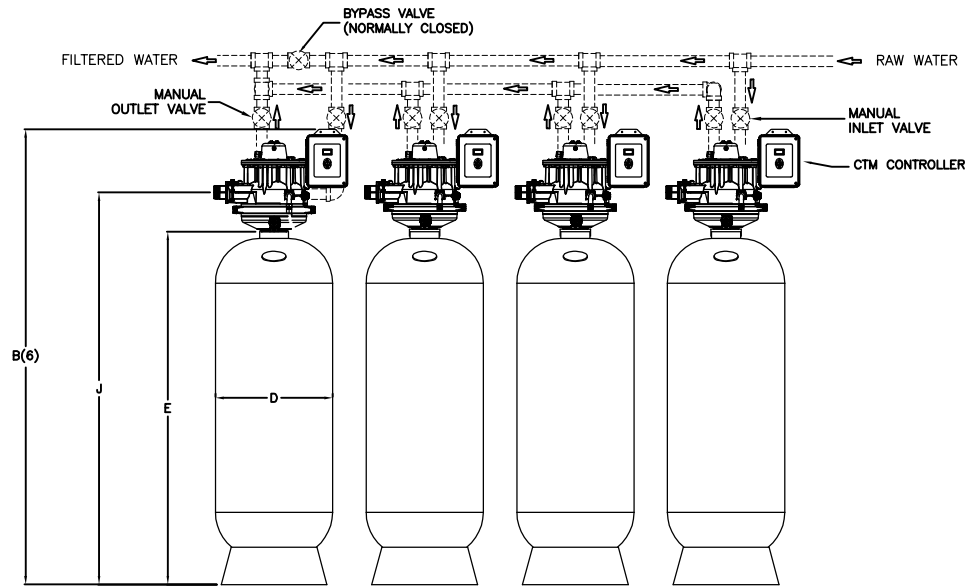
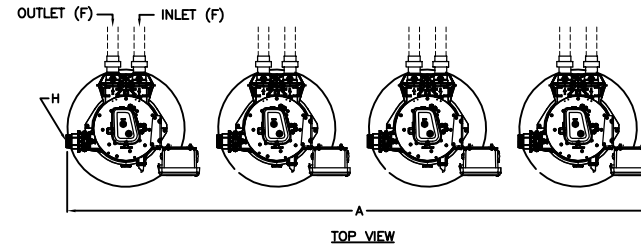
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 2.0" METERED AUTOMATIC CARBON FILTER QUAD TECHNICAL DATA SHEET		
DETAILED BY: MKM	APP. BY: LW	SHEET 8/18/15 1 OF 1
REF. NO.	PART NO.	DRW-2150

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK				DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	QUAD OPER. WT. lbs.	QUAD SHIP. WT. lbs.
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE-CHLORINATION FLOW gpm @ psi drop	RESIN VOLUME ft ³					
CTM-21-CF	141	85.5	21	62	1.5	2.0	74	12 @ 1.5	24 @ 4	8.0	30	1.5	2248	1920	
CTM-24-CF	146	92.7	24	72	1.5	2.0	81.3	16 @ 2	31 @ 4	11.0	20	1.5	3724	2220	
CTM-30-CF	138	97.4	30	72	1.5	2.0	86	25 @ 3	49 @ 6	16.5	48	2.0	5956	3280	
CTM-36-CF	162	99.8	36	72	1.5	2.0	88.4	35 @ 3	71 @ 9	24.5	70	2.0	8432	4540	



QUAD INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

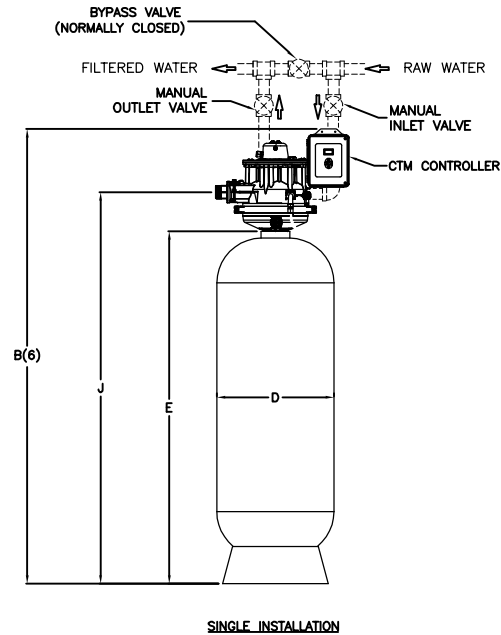
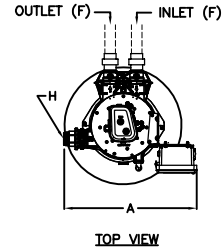
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 1.5" METERED AUTOMATIC CARBON FILTER QUAD TECHNICAL DATA SHEET		
DETAILED BY: MKM 8/04/15	APP. BY: LW 8/18/15	SHEET 1 OF 1
REF. NO.	PART NO. DRW-2146	

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	SIMPLEX OPER. WT. lbs.	SIMPLEX SHIP. WT. lbs.
CTM-21-DF	24	85.5	21	62	2.0	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	562	470
CTM-24-DF	24	92.7	24	72	2.0	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	931	555
CTM-30-DF	30	97.4	30	72	2.0	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	1489	820
CTM-36-DF	36	99.8	36	72	2.0	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	2108	1135



DO NOT SCALE DRAWING
TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED

Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

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ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

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

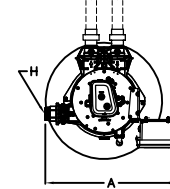
NAME CTM 2.0" METERED AUTOMATIC DEPTH-CULSORB FILTER SINGLE TECHNICAL DATA SHEET		
DETAILED BY: MKM	APP. BY: LW	SHEET 1 OF 1
REF. NO.	PART NO. DRW-2155	

NOTES:

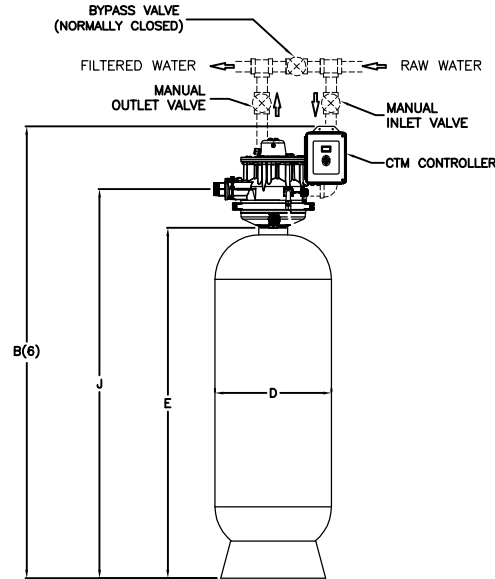
- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
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- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK				MIN. DRAIN PIPE SIZE IN.	SIMPLEX OPER. WT. lbs.	SIMPLEX SHIP. WT. lbs.
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm			
CTM-21-DF	24	85.5	21	62	1.5	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	562	470
CTM-24-DF	24	92.7	24	72	1.5	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	931	555
CTM-30-DF	30	97.4	30	72	1.5	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	1489	820
CTM-36-DF	36	99.8	36	72	1.5	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	2108	1135

OUTLET (F) INLET (F)



TOP VIEW



SINGLE INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

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ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

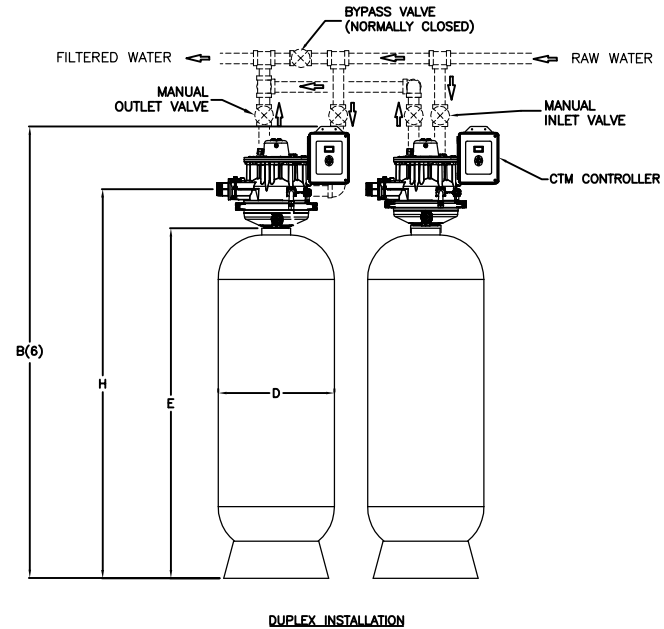
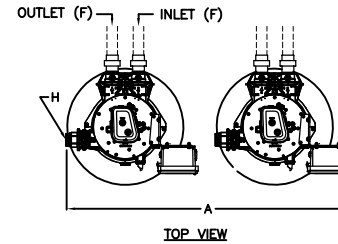
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME		
CTM 1.5" METERED AUTOMATIC DEPTH-CULSORB FILTER SINGLE TECHNICAL DATA SHEET		
DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	LW 8/18/15	1 OF 1
REF. NO.	PART NO.	
	DRW-2151	

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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.
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- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	DUPLEX OPER. WT. lbs.	DUPLEX SHIP. WT. lbs.
CTM-21-DF	53	85.5	21	62	2.0	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	1124	960
CTM-24-DF	56	92.7	24	72	2.0	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	1862	1110
CTM-30-DF	66	97.4	30	72	2.0	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	2978	1640
CTM-36-DF	78	99.8	36	72	2.0	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	4216	2270



DO NOT SCALE DRAWING
TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED

Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

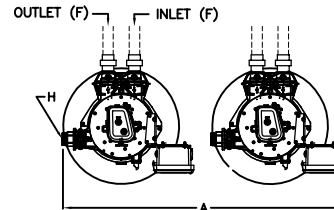
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 2.0" METERED AUTOMATIC DEPTH-CULSORB FILTER DUPLEX TECHNICAL DATA SHEET			
DETAILED BY: MKM	APP. BY: LW	SHEET 8/18/15	1 OF 1
REF. NO.	PART NO.	DRW-2156	

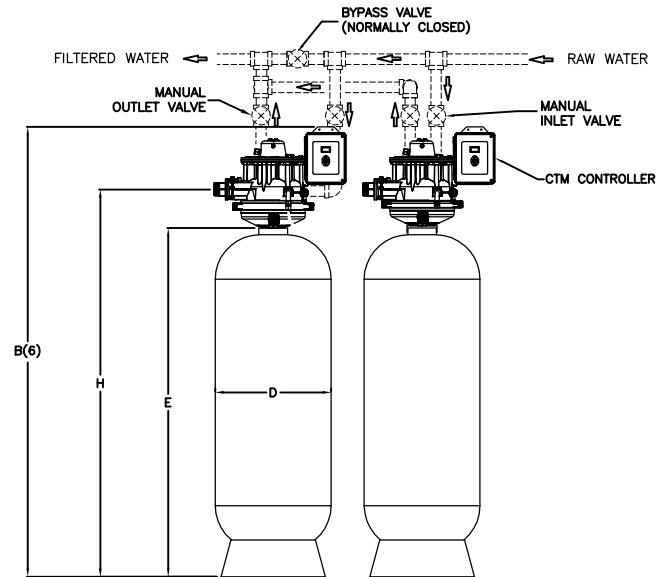
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MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	DUPLEX OPER. WT. lbs.	DUPLEX SHIP. WT. lbs.
CTM-21-DF	53	85.5	21	62	1.5	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	1124	960
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CTM-30-DF	66	97.4	30	72	1.5	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	2978	1640
CTM-36-DF	78	99.8	36	72	1.5	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	4216	2270



TOP VIEW



DUPELX INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

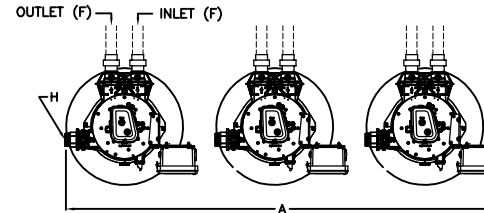
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 1.5" METERED AUTOMATIC DEPTH-CULSORB FILTER DUPLEX TECHNICAL DATA SHEET		
DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	LW 8/18/15	1 OF 1
REF. NO.	PART NO.	
	DRW-2152	

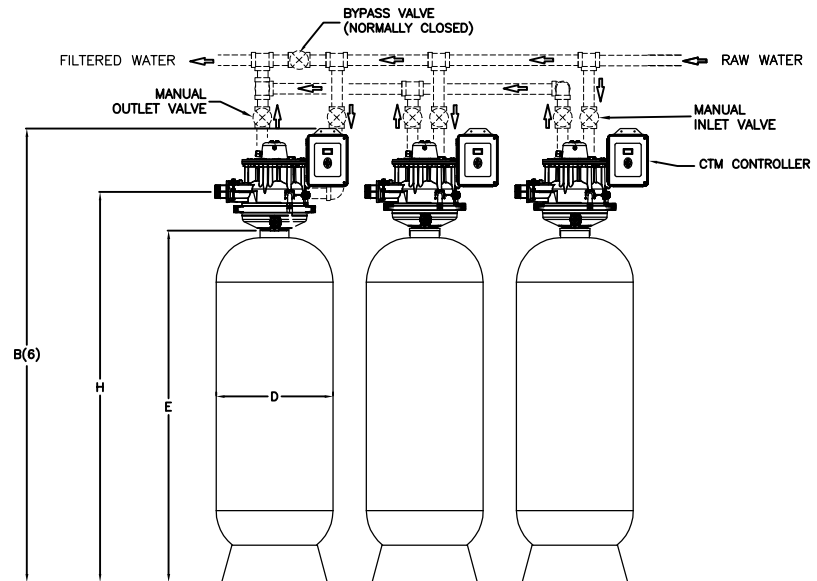
NOTES:

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- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK				DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. lbs.	TRIPLEX SHIP. WT. lbs.
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³					
CTM-21-DF	82	85.5	21	62	2.0	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	1686	1410	
CTM-24-DF	86	92.7	24	72	2.0	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	2793	1665	
CTM-30-DF	102	97.4	30	72	2.0	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	4467	2460	
CTM-36-DF	120	99.8	36	72	2.0	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	6324	3405	



TOP VIEW



TRIPLEX INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 15" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

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ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS

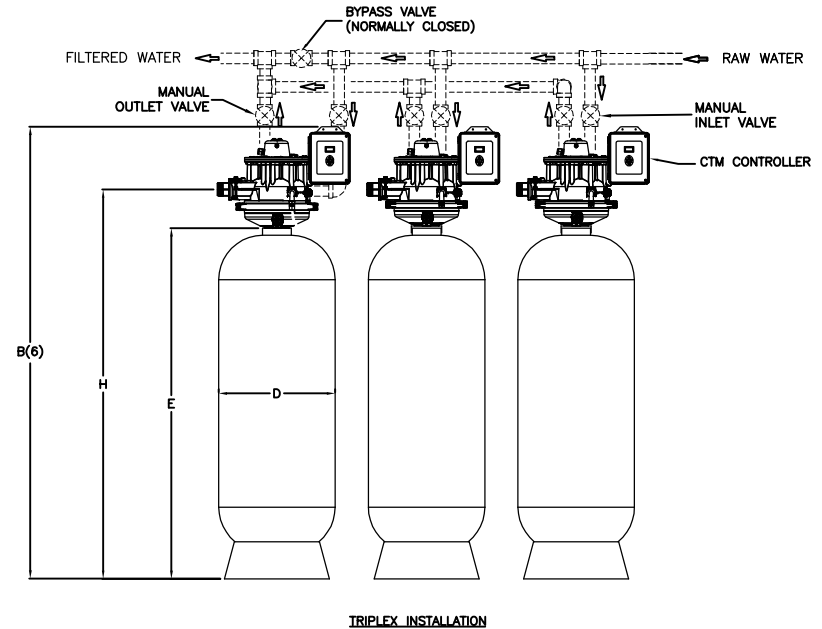
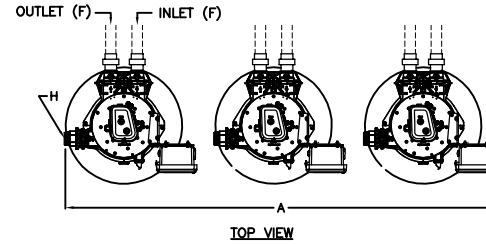
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 2.0" METERED AUTOMATIC DEPTH-CULSORB FILTER TRIPLEX TECHNICAL DATA SHEET			
DETAILED BY: MKM 8/04/15		APP. BY: LW 8/18/15	
REF. NO.	PART NO.		SHEET 1 OF 1
			DRW-2157

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. lbs.	TRIPLEX SHIP. WT. lbs.
CTM-21-DF	82	85.5	21	62	1.5	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	1686	1410
CTM-24-DF	86	92.7	24	72	1.5	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	2793	1665
CTM-30-DF	102	97.4	30	72	1.5	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	4467	2460
CTM-36-DF	120	99.8	36	72	1.5	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	6324	3405



DO NOT SCALE DRAWING
TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED

Let.	Change	By	App	Date
A	Remove 16" system & dimension C.	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

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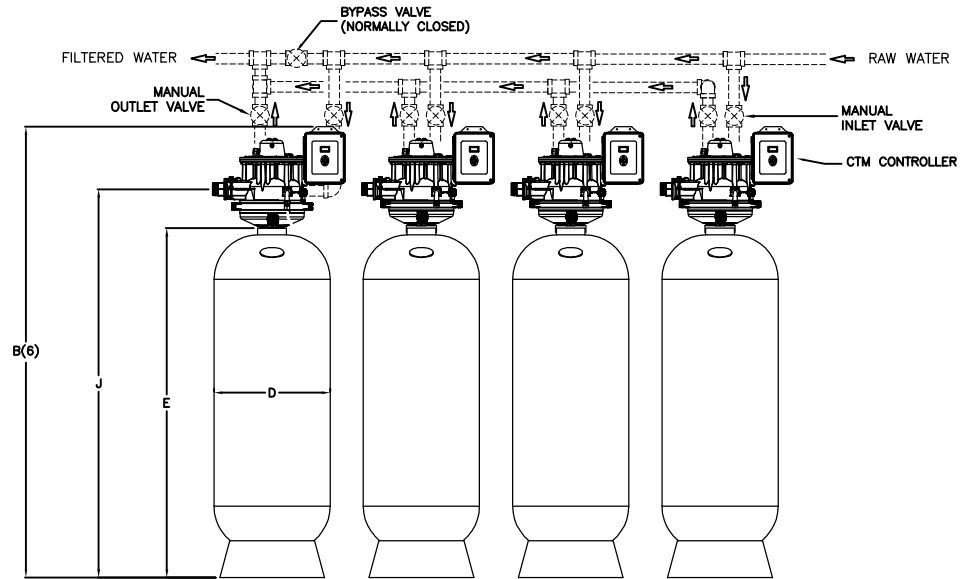
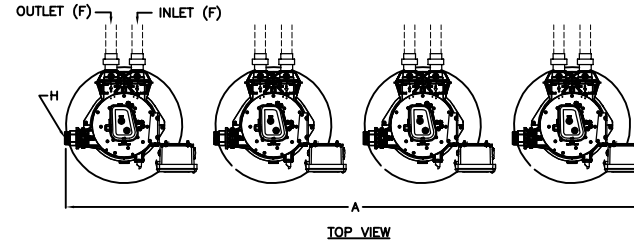
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 1.5" METERED AUTOMATIC DEPTH-CULSORB FILTER TRIPLEX TECHNICAL DATA SHEET			
DETAILED BY: MKM	APP. BY: LW	DATE: 8/04/15	SHEET NO.: 8/18/15 1 OF 1
REF. NO.	PART NO. DRW-2153		

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET 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) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE) AND WALL MOUNT TRANSFORMER ARE PROVIDED. THE CUSTOMER SHOULD PROVIDE A RECEPTACLE, PREFERABLE ONE NOT CONTROLLED BY A SWITCH THAT CAN BE TURNED OFF ACCIDENTALLY, OBSERVE THE LOCAL ELECTRICAL CODES.
- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
- (7) SYSTEM USES FRP TANKS WHICH MUST NOT BE SUBJECTED TO VACUUM CONDITIONS. SYSTEM CONTROL VALVE DESIGN HAS INTEGRATED VACUUM BREAKER TO PREVENT SUCH CONDITIONS WHICH SHOULD NOT BE REMOVED DURING OPERATION.
- (8) TO PERMIT THE OBSERVATION OF THE DRAIN FLOW DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST TWO TIMES THE DIAMETER OF THE DRAIN PIPE OR CONFORM TO LOCAL SANITATION CODES.
- (9) BRINE TANK DIMENSIONS SHOWN ARE FOR THE BRINE TANK MOST COMMONLY SELECTED FOR USE WITH THIS SIZE SYSTEM.
- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
	WIDTH A	HEIGHT B(6)	TANK DIA. D	TANK HEIGHT E	INLET PIPE SIZE F	OUTLET PIPE SIZE G	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm @ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	QUAD OPER. WT. lbs.
CTM-21-DF	141	85.5	21	62	2.0	2.0	74	24 @ 5	36 @ 10	7.4	30	1.5	2248	1920
CTM-24-DF	146	92.7	24	72	2.0	2.0	81.3	32 @ 5	48 @ 9	11.1	48	1.5	3724	2220
CTM-30-DF	138	97.4	30	72	2.0	2.0	86	50 @ 7	74 @ 11	15.6	70	2.0	5956	3280
CTM-36-DF	162	99.8	36	72	2.0	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	8432	4540



QUAD INSTALLATION

DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED				
Let.	Change	By	App	Date
A	Remove 16" system & dimension C	MM		2/10/17
B	Modify resin volume.	MM		4/1/17

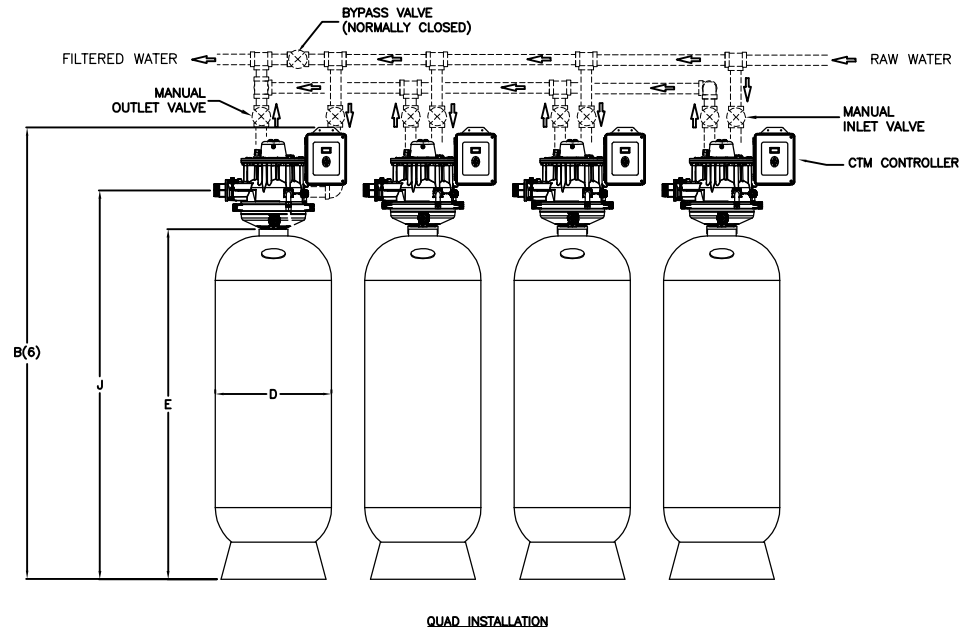
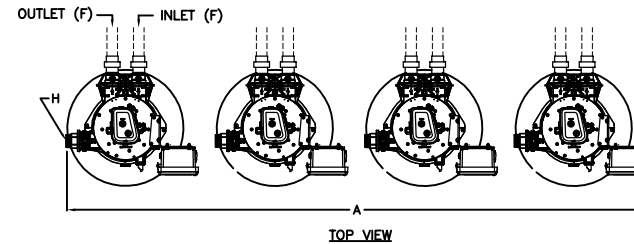
Culligan®
ENGINEERED SYSTEMS
 ROSEMONT, ILLINOIS
 PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

NAME CTM 2.0" METERED AUTOMATIC DEPTH-CULSORB FILTER QUAD TECHNICAL DATA SHEET		
DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	LW 8/18/15	1 OF 1
REF. NO.	PART NO.	DRW-2158

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
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- (6) ALLOW 6-12 INCHES BEHIND THE UNIT FOR PLUMBING AND DRAIN LINES AND 12 INCHES ABOVE OVERALL HEIGHT FOR SERVICE ACCESS AND FILLING THE SALT CONTAINER.
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MODEL	DIMENSIONS (INCHES)							UNIT DATA PER TANK						
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CTM-36-DF	162	99.8	36	72	1.5	2.0	88.4	71 @ 10	107 @ 19	23.6	90	2.0	8432	4540



DO NOT SCALE DRAWING TOLERANCES: $\pm 1/8"$ UNLESS OTHERWISE NOTED			
Let.	Change	By	App Date
A	Remove 16" system & dimension C.	MM	2/10/17
B	Modify resin volume.	MM	4/1/17

Culligan®
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 ROSEMONT, ILLINOIS

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

NAME CTM 1.5" METERED AUTOMATIC DEPTH-CULSORB FILTER QUAD TECHNICAL DATA SHEET			
DETAILED BY: MKM	8/04/15	APP. BY: LW	SHEET 1 OF 1
REF. NO.	PART NO.		DRW-2154