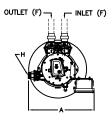
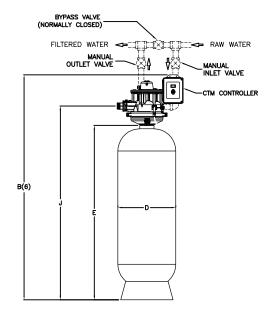
- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS
- (2) ALL DIMENSIONS ARE $\pm 1^{\prime\prime}$ (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
- (4) THE USE OF DISSIMILAR METALS IN A 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.

			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH		TANK DIA.	TANK HEIGHT	INLET OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW		DRAIN FLOW	MIN. DRAIN PIPE SIZE	SIMPLEX OPER. WT.	SIMPLEX SHIP. WT.
MODEL	A	B(6)	D	E	F	H	J	gpm © psi drop	gpm © psi drop	ft ³	gpm	IN.	lbs.	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



TOP VIEW



SINGLE INSTALLATION

	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		NISE	NOTED
Let.	Change	Ву	App	Date
A	Remove 16" system & dimension C.	ММ		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culligan® ENGINEERED SYSTEMS	N
ROSEMONT, ILLINOIS	Г

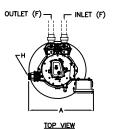
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

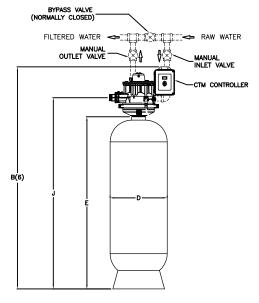
NAME CTM 2.0" METERED
AUTOMATIC CARBON FILTER SINGLE
TECHNICAL DATA SHEET

	DE	MILED BY:		APP. BY:		HEE	
	MKM	8/04/15	LW	8/18/15	1	OF	1
	REF. N	0.		PART NO.			
Э.				l DRW-2	214	47	

- (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.
- (5) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE)
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH	HEIGHT	DIA.	TANK HEIGHT	INLET OUTLET PIPE SIZES	SIZE	FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW		DRAIN FLOW	PIPE SIZE	SIMPLEX OPER. WT.	SIMPLEX SHIP. WT.
MODEL	A	B(6)	D	E	F	Ŧ	J	gpm 🛭 psi drop	gpm © psi drop	ft ³	gpm	IN.	lbs.	lbs.
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 9 6	16.5	48	2.0	1489	820
CTM-36-CF	36	99.8	36	72	1.5	2.0	88.4	35 9 3	71 🛭 9	24.5	70	2.0	2108	1135





SINGLE INSTALLATION

	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		NISE	NOTED
Let.	Change	Ву	App	Date
A	Remove 16" system & dimension C.	мм		2/10/17
В	Modify resin volume.	мм		4/1/17

Culigan® ENGINEERED SYSTEMS ROSEMONT, ILLINOIS

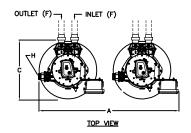
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

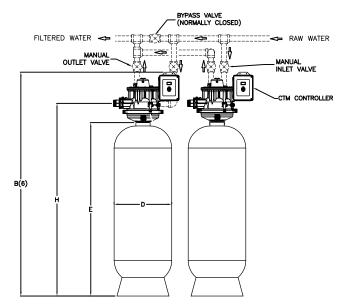
IVANL		1.5" ME		
AUTO	MATIC C	ARBON	FILTER	SINGLE
	TECHNIC	CAL DAT	A SHEE	T
DETAI	I FD BY	APP	RY:	SHEET

DETAILED BY:	APP. BY:	SHEET
MKM 8/04/15	8/18/15	1 OF 1
REF. NO.	PART NO. DRW-2	2143

- (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.
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				DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH	HEIGHT		TANK DIA.		INLET OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW		DRAIN FLOW	MIN. DRAIN PIPE SIZE	DUPLEX OPER. WT.	DUPLEX SHIP. WT.
MODEL	Α	B(6)	С	D	E	F	H	J	gpm © psi drop	gpm 😉 psi drop	ft ³	gpm	IN.	lbs.	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 DRAY TOLERANCES: ±1/8" UNLESS O		WISE	NOTED
Let	. Change	Ву	App	Date
A	Remove 16" system & dimension C.	ММ		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culigan® ENGINEERED SYSTEMS ROSEMONT. ILLINOIS

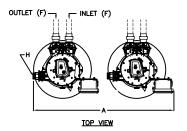
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

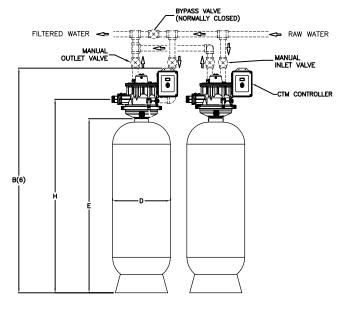
NAME CTM 2.0" METERED
AUTOMATIC CARBON FILTER DUPLEX
TECHNICAL DATA SHEET

	J DE	INICED DI.		AFF. DI.	SHEET	
	MKM	8/04/15	LW	8/18/15	1 OF 1	
	REF. I	10.		PART NO.		
).				DRW-2	2148	

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS
- (2) ALL DIMENSIONS ARE ±1" (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
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			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
MODEL	WIDTH A	HEIGHT B(6)	TANK DIA. D		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.
CTM-21-CF	53	85.5	21	62	1.5	2.0	74	12 🛭 1.5	24 ② 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 ② 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 9 3	71 🗿 9	24.5	70	2.0	4216	2270





DUPLEX INSTALLATION

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

Culligan® ENGINEERED SYSTEMS ROSEMONT, ILLINOIS

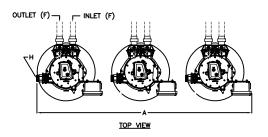
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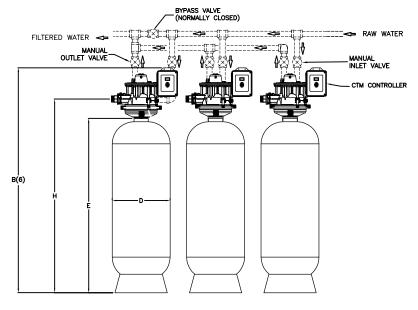
NAME CTM 1.5" METERED
AUTOMATIC CARBON FILTER DUPLEX
TECHNICAL DATA SHEET

MKM	1AILED BY: 8/04/15	APP. BY: 8/18/15	1 OF 1
REF. N	10.	PART NO. DRW-2	2144

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED
- (2) ALL DIMENSIONS ARE $\pm 1"$ (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
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	WIDTH	HEIGHT	TANK DIA.	TANK HEIGHT	INLET OUTLET PIPE SIZES		FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW	RESIN VOLUME	DRAIN FLOW	MIN. DRAIN PIPE SIZE	TRIPLEX OPER. WT.	TRIPLEX SHIP. WT.
MODEL	Α	B(6)	D	E	F	H	J	gpm 🛭 psi drop	gpm © psi drop	ft ³	gpm	IN.	lbs.	lbs.
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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





TRIPLEX INSTALLATION

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

Culligan _®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

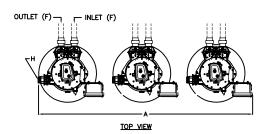
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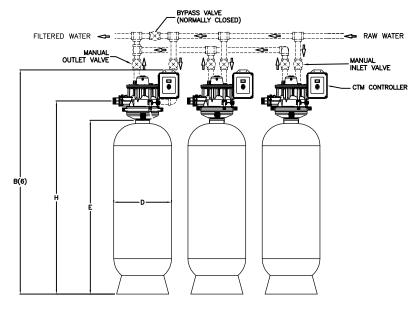
AUTOMATIC	CAF	o" met RBON F NL DAT/		TRIPLEX T
DETAILED	BY:	APP.	BY:	SHEET

MKM 8/04/15 LW 8/18/15 1 0F 1 REF. NO. PART NO. DRW-2149

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
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			DIMEN	ISIONS	(INCHES)			UNIT DATA PER TANK						
MODEL	WIDTH A	HEIGHT B(6)	TANK DIA. D		INLET OUTLET PIPE SIZES F	DRAIN SIZE H	FLOOR TO INLET J	TASTE, ODOR & ORGANICS REMOVAL FLOW gpm @ psi drop	DE− CHLORINATION FLOW gpm ② psi drop	RESIN VOLUME ft 3	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.		TRIPLEX SHIP. WT. Ibs.
CTM-21-CF	82	85.5	21	62	1.5	2.0	74	12 9 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 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 0 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





TRIPLEX INSTALLATION

	DO NOT SCALE DRAY TOLERANCES: ±1/8" UNLESS O		NISE	NOTED
Let.	Change	Ву	Арр	Date
A	Remove 16" system & dimension C.	мм		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culligan® ENGINEERED SYSTEMS ROSEMONT, ILLINOIS

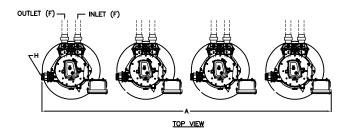
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

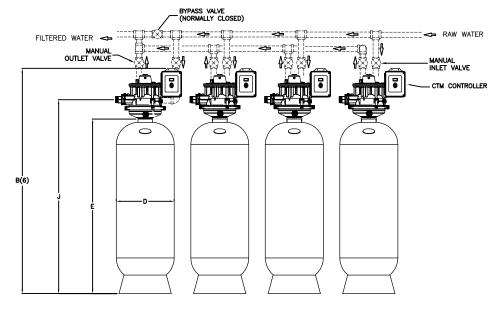
NAME CTM 1.5" METERED
AUTOMATIC CARBON FILTER TRIPLEX
TECHNICAL DATA SHEET

	DETAILED BY:		APP. BY:	SHEET				
	MKM 8/04/15	LW	8/18/15	1 OF 1				
	REF. NO.		PART NO.					
).			DRW-2	2145				

- (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 GALYANIC 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.

			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH	HEIGHT	TANK DIA.	TANK HEIGHT	INLET OUTLET PIPE SIZES	SIZE	FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW		DRAIN FLOW		QUAD OPER. WT.	
MODEL	Α	B(6)	D	E	F	Н	J	gpm 😉 psi drop	gpm @ psi drop	ft ³	gpm	IN.	lbs.	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





QUAD INSTALLATION

	DO NOT SCALE DRAWING TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED													
Let.	Change	Ву	Арр	Date										
_	Remove 16" system & dimension C.	ММ		2/10/17										
В	Modify resin volume.	ММ		4/1/17										
			Г											

Culigan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

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

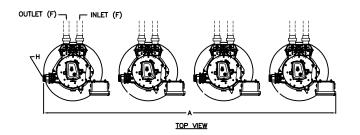
AME CTM 2.0" METERED
AUTOMATIC CARBON FILTER QUAD
TECHNICAL DATA SHEET

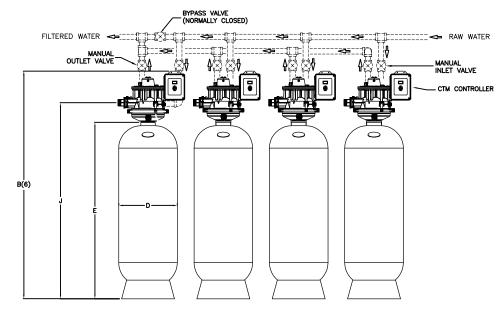
DETAILED BY: APP. BY: SHEET 1 OF 1

REF. NO. PART NO. DRW—2150

- (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 GALYANIC CORROSION.
- (5) A TEN FOOT POWER CORD (LONGER LENGTHS AVAILABLE)
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH	HEIGHT	TANK DIA.		INLET OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	TASTE, ODOR & ORGANICS REMOVAL FLOW	DE- CHLORINATION FLOW	RESIN VOLUME	DRAIN FLOW	MIN. DRAIN PIPE SIZE	QUAD OPER. WT.	QUAD SHIP. WT.
MODEL	A	B(6)	D	E	F	Ι	J	gpm © psi drop	gpm © psi drop	ft ³	gpm	IN.	lbs.	lbs.
CTM-21-CF	141	85.5	21	62	1.5	2.0	74	12 🛭 1.5	24 🛭 4	8.0	20	1.5	2248	1920
CTM-24-CF	146	92.7	24	72	1.5	2.0	81.3	16 🥝 2	31 🤨 4	11.0	30	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 9 3	71 🦁 9	24.5	70	2.0	8432	4540





QUAD INSTALLATION

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

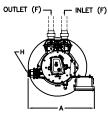
Culigan® ENGINEERED SYSTEMS
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO. AME CTM 1.5" METERED
AUTOMATIC CARBON FILTER QUAD
TECHNICAL DATA SHEET

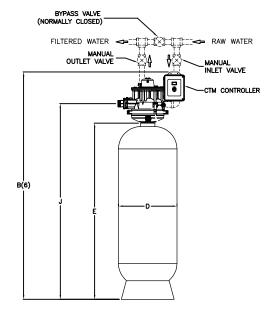
MKM	8/04/15	8/18/15	1 OF 1
REF. N	ю.	PART NO. DRW-2	2146

- (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.
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- (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.

			DIMEN	ISIONS	(INCHES)			UNIT DATA PER TANK						
	WIDTH	HEIGHT	TANK DIA.	TANK HEIGHT	INLET OUTLET PIPE SIZES	DRAIN SIZE	FLOOR TO INLET	NORMAL FLOW gpm @ 15	PEAK FLOW gpm @ 25	RESIN VOLUME	DRAIN FLOW	MIN. DRAIN PIPE SIZE	SIMPLEX OPER. WT.	SIMPLEX SHIP. WT.
MODEL	Α	B(6)	D	E	F	Н	J	psi drop	psi drop	ft ³	gpm	IN.	lbs.	lbs.
CTM-21-DF	24	85.5	21	62	2.0	2.0	74	24 🦁 5	36 9 10	7.4	30	1.5	562	470
CTM-24-DF	24	92.7	24	72	2.0	2.0	81.3	32 9 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



TOP VIEW



SINGLE INSTALLATION

	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		WISE	NOTED
Let.	Change	Ву	Арр	Date
A	Remove 16" system & dimension C.	ММ		2/10/17
В	Modify resin volume.	ММ		4/1/17

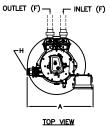
Culligan® ENGINEERED SYSTEMS
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

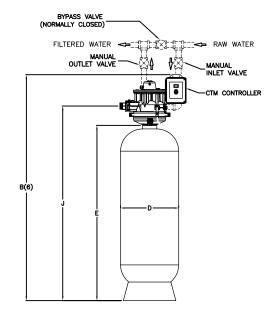
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

CTM 2.0" METERED AUTOMATIC
DEPTH—CULSORB FILTER SINGLE

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
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			DIMEN	SIONS	(INCHES)			UNIT DATA PER TANK						
MODEL	WIDTH A	HEIGHT B(6)	TANK DIA. D		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		MIN. DRAIN PIPE SIZE IN.		SIMPLEX SHIP. WT. Ibs.
CTM-21-DF	24	85.5	21	62	1.5	2.0	74	24 🛭 5	36 9 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





SINGLE INSTALLATION

	DO NOT SCALE DRAY TOLERANCES: ±1/8" UNLESS O		WISE	NOTED
Let.	Change	Ву	App	Date
A	Remove 16" system & dimension C.	мм		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culligan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

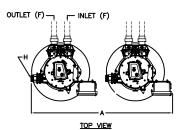
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

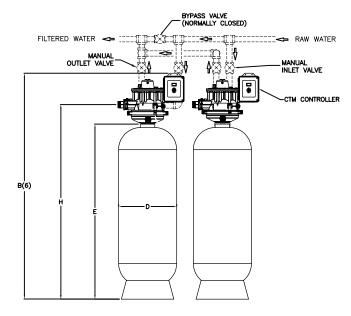
CTM 1.5" METERED AUTOMATIC DEPTH—CULSORB FILTER SINGLE
TECHNICAL DATA SHEET
DETAILED BY: APP. BY: SHEET

MKM 8/04/15 LW 8/18/15 1 OF 1 DRW-2151

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE ± 1 " (25mm) AND SUBJECT TO TO CHANGE WITHOUT NOTICE.
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			DIME	NSIONS	(INCHES)			UNIT DATA PER TANK						
MODEL	WIDTH A	HEIGHT B(6)	TANK DIA. D		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		MIN. DRAIN PIPE SIZE IN.		DUPLEX SHIP. WT. Ibs.
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 9 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



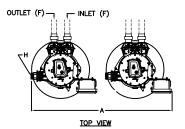


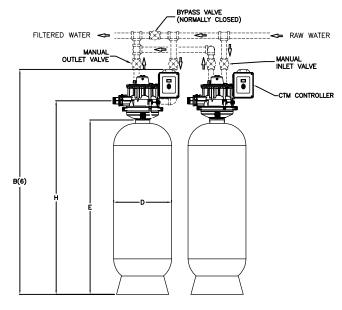
DUPLEX INSTALLATION

I		DO NOT SCALE DRAI TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culligan®				RED AUTOM	
I	Let.	Change	Ву	Арр	Date	ENGINEERED SYSTEMS	DE			DATA SHEE	
l	A	Remove 16" system & dimension C.	ММ		2/10/17	ROSEMONT, ILLINOIS	DI	TAILED BY:	$\overline{}$	APP. BY:	SHEET
I	В	Modify resin volume.	ММ		4/1/17		MKM	8/04/15	LW	8/18/15	1 OF 1
I						PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN	REF.	NO.		PART NO.	
						CONSENT OF CULLIGAN INTERNATIONAL CO.				DRW-2	2156

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
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MODEL	WIDTH A	HEIGHT B(6)	TANK DIA. D		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. Ibs.
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





DUPLEX INSTALLATION

	DO NOT SCALE DRAW TOLERANCES: ±1/8" UNLESS O		WISE	NOTED
Let.	Change	Ву	Арр	Date
A	Remove 16" system & dimension C.	ММ		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culligan®
ENGINEERED SYSTEMS
ROSEMONT, ILLINOIS

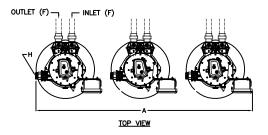
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO. CTM 1.5" METERED AUTOMATIC
DEPTH—CULSORB FILTER DUPLEX
TECHNICAL DATA SHEET
DETAILED BY: | APP. BY: | SHEET

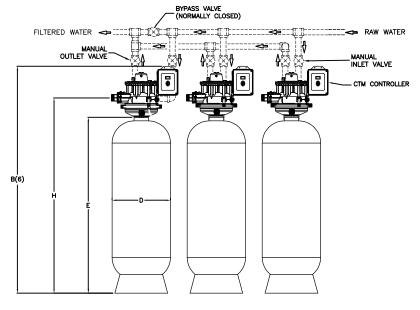
DETAILED BY: MKM 8/04/15 LW 8/18/15 1 0F 1

REF. NO. PART NO. DRW—2152

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
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- (10) SHIPPING AND OPERATING WEIGHTS SHOWN ON THIS DRAWING INCLUDE THE BRINE SYSTEM.

			DIMEN	ISIONS	(INCHES)			UNIT						
MODEL	WIDTH A		TANK DIA. D	TANK HEIGHT E	inlet Outlet Pipe Sizes F	DRAIN SIZE H	FLOOR TO INLET J	NORMAL FLOW gpm ③ 15 psi drop	PEAK FLOW gpm @ 25 psi drop	RESIN VOLUME ft ³	DRAIN FLOW gpm	MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. Ibs.	TRIPLEX SHIP. WT. Ibs.
CTM-21-DF	82	85.5	21	62	2.0	2.0	74	24 🦁 5	36 9 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





TRIPLEX INSTALLATION

Let.	Change	Ву	Арр	Date
Α	Remove 16" system & dimension C.	ММ		2/10/17
В	Modify resin volume.	ММ		4/1/17

Culligan®	
NGINEERED OSYSTEMS ROSEMONT, ILLINOIS	

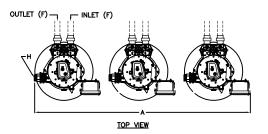
PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN INTERNATIONAL CO.

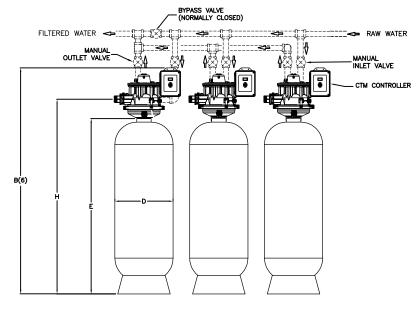
CTM 2.0" METERED AUTOMATIC DEPTH-CULSORB FILTER TRIPLEX TECHNICAL DATA SHEET

| DETAILED BY: | APP. BY: | SHEET | MKM | 8/04/15 | LW | 8/18/15 | 1 OF 1 | REF. NO. | PART NO. | DRW-2157

- (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 GALYANIC 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.

			DIMEN	ISIONS	(INCHES)			UNIT DATA PER TANK						
MODEL	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		MIN. DRAIN PIPE SIZE IN.	TRIPLEX OPER. WT. Ibs.	TRIPLEX SHIP. WT. Ibs.
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



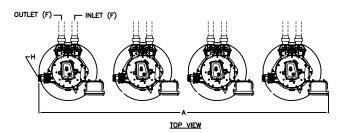


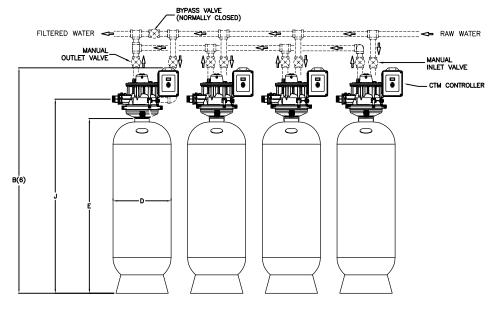
TRIPLEX INSTALLATION

TOLERANCES: ±1/8" UNLESS OTHERWISE NOTED		CTM 1.5" MET DEPTH-CULSOR		
Let. Change By App Date FNGINFFR	ED SYSTEMS		DATA SHEE	
A Remove 16" system & dimension C. MM 2/10/17 POSEMO	NT. ILLINOIS	DETAILED BY:	APP. BY:	SHEET
B Modify resin volume. MM 4/1/17	OF MATERIAL ARE NOT	M 8/04/15 LV	V 8/18/15	1 OF 1
	THOUT THE WRITTEN REF	F. NO.	PART NO.	
	LIGAN INTERNATIONAL CO.		DRW-2	153

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) ALL DIMENSIONS ARE $\pm 1 \mbox{''}$ (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.

			DIMEN	ISIONS	(INCHES)			UNIT DATA PER TANK								
MODEL	WIDTH A		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.	QUAD OPER. WT. Ibs.	QUAD SHIP. WT. Ibs.		
CTM-21-DF	141	85.5	21	62	2.0	2.0	74	24 🧿 5	36 9 10	7.4	30	1.5	2248	1920		
CTM-24-DF	146	92.7	24	72	2.0	2.0	81.3	32 9 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: ±1/8" UNLESS OTHERWISE NOTED											
Let.	Change	Ву	App	Date	FNC							
A	Remove 16" system & dimension C.	ММ		2/10/17	2,40							
В	Modify resin volume.	ММ		4/1/17								
					PRINT							
					CONSE							

Culigan® NGINEERED SYSTEMS ROSEMONT, ILLINOIS

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

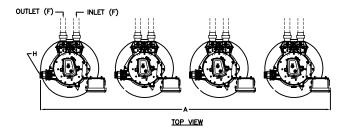
CTM 2.0" METERED AUTOMATIC
DEPTH-CULSORB FILTER QUAD
TECHNICAL DATA SHEET

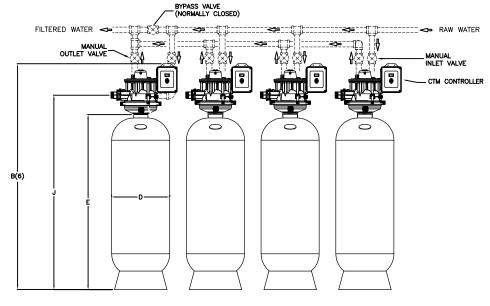
DETAILED BY: APP. BY: SHEET
MKM 8/04/15 LW 8/18/15 1 OF 1
REF. NO. IPART NO.

DRW-2158

- (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 GALYANIC CORROSION.
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			DIMEN	ISIONS	(INCHES)			UNIT DATA PER TANK								
MODEL	WIDTH A		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.	QUAD OPER. WT. Ibs.	QUAD SHIP. WT. Ibs.		
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CTM-30-DF	138	97.4	30	72	1.5	2.0	86	50 🛭 7	74 🛭 11	15.6	70	2.0	5956	3280		
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		





QUAD INSTALLATION

Let. Change By App Date ENGINEERED SYSTEMS TECHNICAL DATA SHEET A Remove 16" system & dimension C MM 2/10/17 ROSEMONT, ILLINOIS TECHNICAL DATA SHEET ROSEMONT, ILLINOIS DETAILED BY: APP. BY: SHEET		DO NOT SCALE DRAY TOLERANCES: ±1/8" UNLESS O		WISE	NOTED	Culligan _®				RED AUTOM	
B Modify resin volume. MM 4/1/17 ROSE MONT, ILLINOIS MKM 8/04/15 LW 8/18/15 1 OF	Let.	Change	Ву	Арр			ا ا				
B Modify resin volume. MM 4/1/17 PRINT AND BILL OF MATERIAL ARE NOT TO BE USED WITHOUT THE WRITTEN REF. NO. PART NO.	A	Remove 16" system & dimension C.	MM		2/10/17	POSEMONT ILLINOIS	DE	TAILED BY:		APP. BY:	SHEET
TO BE USED WITHOUT THE WRITTEN REF. NO. PART NO.	В	Modify resin volume.	ММ		4/1/17		MKM	8/04/15	LW	8/18/15	1 OF 1
consent of culligan international co. DRW—2154							REF.	NO.		PART NO.	
										DRW-2	154