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REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

APPROVED
By Eric Zuercher at 5:06 pm, Jun 02, 2020

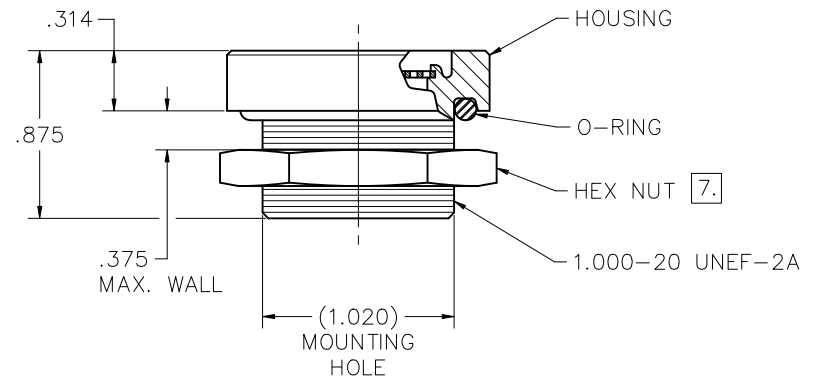
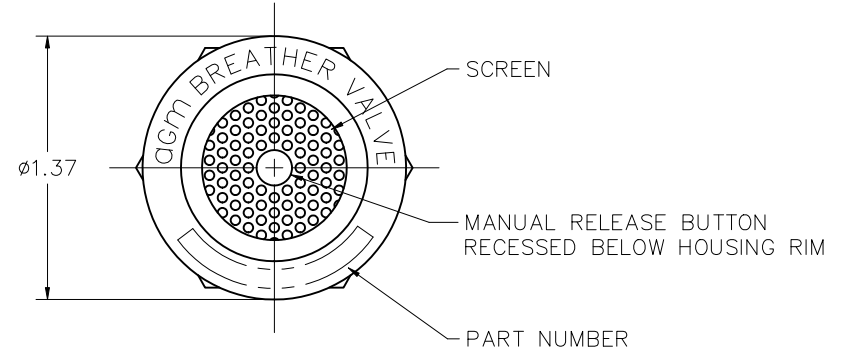
NOTES UNLESS OTHERWISE SPECIFIED:

1. NOMENCLATURE: VALVE, BREATHER, TWO-WAY RELIEF WITH MANUAL RELEASE BUTTON.
2. PERFORMANCE: SEE TABLE ON SHEET 2.
3. THIS VALVE IS NOT REPAIRABLE EXCEPT BY AGM CONTAINER CONTROLS, INC.
4. THE FOLLOWING ITEMS FURNISHED AS PART OF THE ASSEMBLY MAY BE PURCHASED SEPARATELY:

P/N MS28775-120	O-RING
237008-5	NUT
5. MATERIALS:
 - 5.1 HOUSING, NUT, SCREEN AND RELEASE BUTTON: ALUMINUM ALLOYS.
 - 5.2 O-RING: IAW MS28775-120
6. FINISH:
 - 6.1 HOUSING, NUT AND SCREEN: ANODIZED IAW MIL-A-8625, TYPE II, CLASS 2, DYED BLACK.
 - 6.2 RELEASE BUTTON: ANODIZED IAW MIL-A-8625, TYPE II, CLASS 2, DYED RED.
7. SUGGESTED INSTALLATION TORQUE 30-40 INCH POUNDS.

AIR FLOW "P" (OUT OF CONTAINER)

AIR FLOW "V" (INTO CONTAINER)



INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M-1994				CONTRACT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				DRAWN M.ONTIVEROS DATE 12-21-15	
TOLERANCES:				CHECK E.ZUERCHER 1-08-16	
DECIMALS .XX ±.015		ANGLES ±.5°		APPROVED E.ZUERCHER 1-08-16	
.XXX ±.010				MANUFACTURING	
DO NOT SCALE DRAWING				CUSTOMER	
FINISH 6.				SIZE C	
PART DASH NO.	NEXT QTY. REQ'D PER ASSY.	FINAL	NEXT ASSY.	USED ON	SIMILAR TO
APPLICATION			ACT. WT.	CALC. WT.	

agm CONTAINER CONTROLS, INC. P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020			
TITLE VALVE, BREATHER			
FSCM NO. 08992	DWG. NO. TA238-R	REV A	SCALE 2/1
RELEASE DATE	SHEET 1 OF 3		

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REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED

037-SERIES VALVE PERFORMANCE

PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA238-037-1	0.40-0.80	0.20	4 BY 1.50	0.40-0.80	0.20	4 BY 1.50
TA238-037-2	0.70-1.30	0.50	4 BY 2.00	0.70-1.30	0.50	4 BY 2.00
TA238-037-3	1.00-1.90	0.80	4 BY 2.90	1.00-1.90	0.80	4 BY 2.90
TA238-037-4	1.70-3.00	1.40	4 BY 5.00	2.40-4.00	2.00	4 BY 5.10
TA238-037-5	2.40-4.00	2.00	4 BY 5.10	2.40-4.00	2.00	4 BY 5.10
TA238-037-6	1.70-3.00	1.40	4 BY 5.00	0.40-0.80	0.20	4 BY 1.50
TA238-037-8	1.00-1.90	0.80	4 BY 2.90	1.40-2.40	1.10	4 BY 4.00
TA238-037-10	1.70-3.00	1.40	4 BY 5.00	1.70-3.00	1.40	4 BY 4.25
TA238-037-11	3.50-5.70	2.90	4 BY 6.70	3.50-5.70	2.90	4 BY 6.70
TA238-037-129	0.40-0.80	0.20	4 BY 1.50	2.40-4.00	2.00	4 BY 5.10

CRACKING VALVE PERFORMANCE

PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA238-025C-025C-R	0.10-0.40	0.10	4 BY 1.75	0.10-0.40	0.10	4 BY 1.75
TA238-05C-05C-R	0.30-0.70	0.10	3 BY 2.00	0.30-0.70	0.10	4 BY 2.00
TA238-05C-025C-R	0.30-0.70	0.10	3 BY 2.00	0.10-0.40	0.10	4 BY 1.75
TA238-07C-07C-R	0.50-0.90	0.20	3 BY 2.20	0.50-0.90	0.20	4 BY 2.20
TA238-10C-025C-R	0.75-1.25	0.50	3 BY 2.00	0.10-0.40	0.10	4 BY 1.75
TA238-10C-10C-R	0.75-1.25	0.50	4 BY 2.00	0.75-1.25	0.50	4 BY 2.00
TA238-15C-25C-R	1.00-2.00	0.80	4 BY 3.00	2.00-3.00	1.80	3 BY 4.00
TA238-30C-30C-R	2.60-3.40	2.00	3 BY 4.50	2.60-3.40	2.00	3 BY 4.50
TA238-50C-50C-R	4.50-5.50	4.00	1 BY 8.00	4.50-5.50	4.00	1 BY 8.00

SIZE C	FSCM NO. 08992	DWG. NO. TA238-R	REV A
SCALE NONE	SHEET 2		

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REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED

RESEAL VALVE PERFORMANCE

PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA238-025-025-R	0.25-0.75	0.25	3 BY 1.75	0.25-0.75	0.25	4 BY 1.75
TA238-05-05-R	0.50-1.00	0.50	4 BY 2.00	0.50-1.00	0.50	4 BY 2.00
TA238-05-20-R	0.50-1.00	0.50	4 BY 2.00	2.00-3.00	2.00	2 BY 3.50
TA238-10-10-R	1.00-1.70	1.00	2.5 BY 2.50	1.00-1.70	1.00	2.5 BY 2.50
TA238-15-05-R	1.50-2.25	1.50	4 BY 3.00	0.50-1.00	0.50	4 BY 2.00
TA238-15-15-R	1.50-2.25	1.50	4 BY 3.00	1.50-2.25	1.50	4 BY 3.00
TA238-20-05-R	2.00-3.00	2.00	2 BY 3.50	0.50-1.00	0.50	4 BY 2.00
TA238-20-10-R	2.00-3.00	2.00	2 BY 3.50	1.00-1.50	1.00	3.5 BY 2.50
TA238-20-20-R	2.00-3.00	2.00	2 BY 3.50	2.00-3.00	2.00	2.0 BY 3.50
TA238-25-25-R	2.50-3.50	2.50	2.5 BY 4.00	2.50-3.50	2.50	4 BY 4.00
TA238-30-05-R	3.00-4.00	3.00	2 BY 4.50	0.50-1.00	0.50	4 BY 2.00
TA238-30-30-R	3.00-4.00	3.00	2 BY 4.50	3.00-4.00	3.00	2 BY 4.50
TA238-50-50-R	5.00-6.50	5.00	1 BY 8.00	5.00-6.50	5.00	1 BY 8.00
TA238-70-70-R	N/R	7.00	1 BY 10.50	N/R	7.00	1 BY 10.50

SIZE C	FSCM NO. 08992	DWG. NO. TA238-R	REV A
SCALE NONE	SHEET 3		

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