ZONE	LTR.	REVISIONS DESCRIPTION	DATE	APPROVED

APPROVED
By Jason Skouson at 3:29 pm, Aug 01, 2025

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.
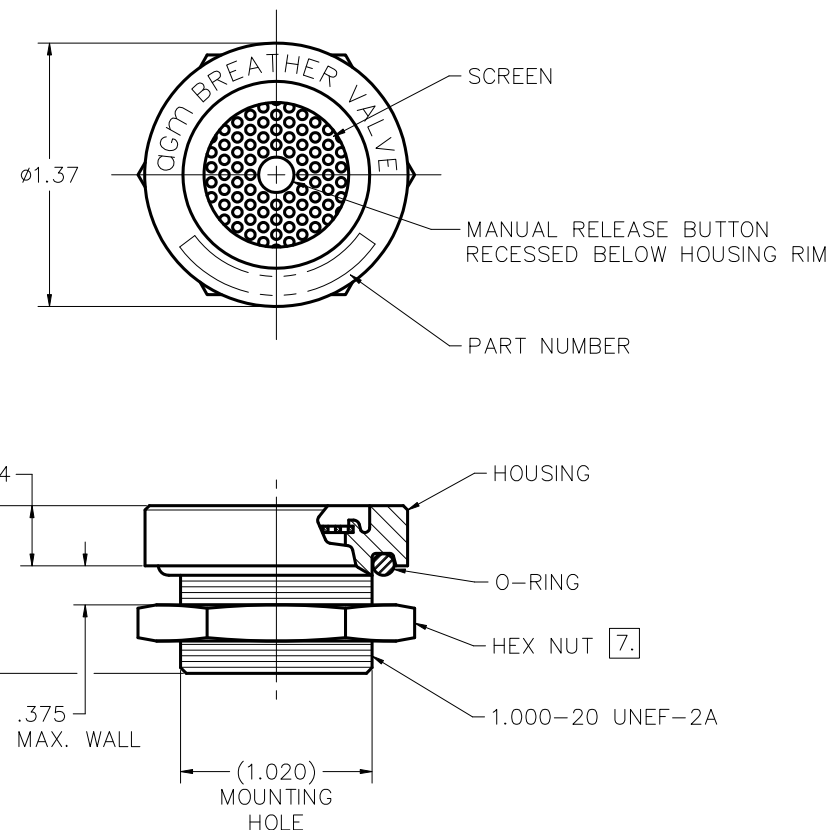
5.2 O—RING: IAW MS28775—120

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)

Ø1.37

SCREEN

MANUAL RELEASE BUTTON RECESSED BELOW HOUSING RIM

PART NUMBER

.314

.875

.375 MAX. WALL

(1.020) MOUNTING HOLE

HOUSING

O—RING

HEX NUT 7.

1.000—20 UNEF—2A

INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M—1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES:

DECIMALS   ANGLES
.XX ±.015   ±.5°
.XXX ±.010

DO NOT SCALE DRAWING

FINISH 6.

CONTRACT			
DRAWN M.ONTIVEROS	DATE 12—21—15		
CHECK E.ZUERCHER	1—08—16		
APPROVED E.ZUERCHER	1—08—16		
MANUFACTURING			
CUSTOMER			

PART DASH NO. | NEXT | FINAL | NEXT ASSY. | USED ON
QTY. REQ'D PER ASSY. | APPLICATION
SIMILAR TO | ACT. WT. | CALC. WT.

agm CONTAINER CONTROLS, INC.
P.O. BOX 40020 — TUCSON, ARIZONA 85717—0020

TITLE

VALVE, BREATHER

SIZE C | FSCM NO. 08992 | DWG. NO. **TA238—R** | REV C

SCALE 2/1 | RELEASE DATE | SHEET 1 OF 3

4   3   2   1

ZONE	LTR.	REVISIONS 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-15C-R	1.25-1.75	1.00	4 BY 3.00	1.25-1.75	1.00	4 BY 3.00
TA238-20C-20C-R	1.75-2.25	1.50	4 BY 3.50	1.75-2.25	1.50	4 BY 3.50
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	FSCM NO.	DWG. NO.	REV
C	08992	TA238-R	C
SCALE NONE			SHEET 2

4   3   2   1

CCONT 4/91   FILE TA238-R

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