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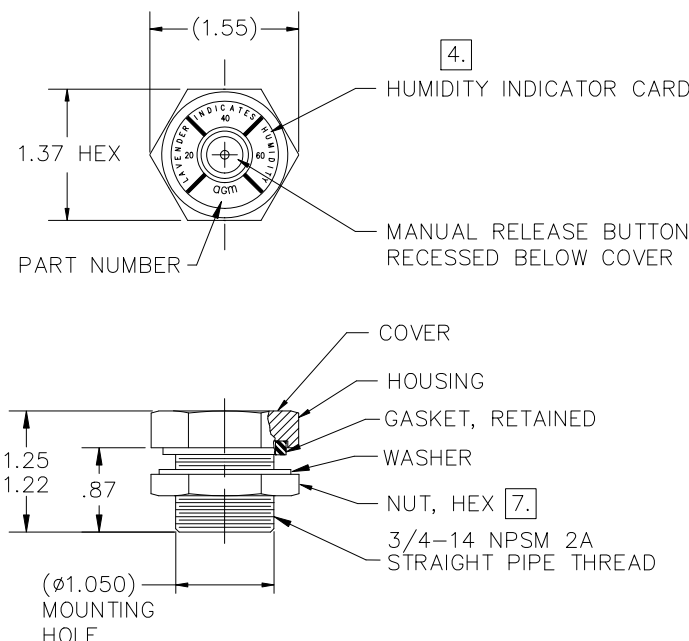
REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

APPROVED
By Patrick M. Lane at 8:59 am, Jan 19, 2016

NOTES UNLESS OTHERWISE SPECIFIED:

- NOMENCLATURE: VALVE, BREATHER, TWO-WAY RELIEF WITH MANUAL RELEASE BUTTON AND HUMIDITY INDICATOR.
- REFERENCE SPECIFICATIONS: SAE AS26860, TYPE II, WITH COLOR CHANGE INDICATOR, AND SAE AS27166, TYPE III, WITH MODIFIED PERFORMANCE AS SHOWN IN TABLE ON SHEET 2.
- PERFORMANCE: SEE TABLE ON SHEET 2.
- THE RELATIVE HUMIDITY (RH) OF THE CONTAINER AIR IS INDICATED BY 20, 40 AND 60 PERCENT SEGMENTS ON INDICATOR CARD. A BLUE COLOR IN SEGMENT INDICATES RH IS LESS THAN NUMBER IN THAT SEGMENT. A LAVENDER OR PINK COLOR IN SEGMENT INDICATES RH IS EQUAL TO OR GREATER THAN NUMBER IN THAT SEGMENT. COLOR CHANGE IS REVERSIBLE UNDER NORMAL CONDITIONS.
- MATERIALS:
 - HOUSING, MANUAL RELEASE BUTTON, NUT AND WASHER: ALUMINUM ALLOY.
 - VALVE STEM (NOT SHOWN): CORROSION RESISTANT STEEL IAW AMS 5640.
 - WINDOW: TRANSPARENT HIGH STRENGTH PLASTIC.
 - GASKET: SILICONE RUBBER IAW A-A-59588, CLASS 2A OR 2B, GRADE 60.
- FINISHES:
 - VALVE HOUSING, NUT & WASHER: ANODIZED IAW MIL-A-8625, TYPE II, CLASS 1.
 - MANUAL RELEASE BUTTON: ANODIZED IAW MIL-A-8625, TYPE II, CLASS 2, COLOR BLACK.
- RECOMMENDED INSTALLATION TORQUE 30-40 IN-LBS.

AIR FLOW "P" (OUT OF CONTAINER)
AIR FLOW "V" (INTO CONTAINER)



SPECIFICATION CONTROL DRAWING

				INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M-1982		CONTRACT		AGM CONTAINER CONTROLS, INC. P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN M.ONTIVEROS		DATE 9-9-15		TITLE BREATHER VALVE WITH HUMIDITY INDICATOR	
				TOLERANCES:		CHECK E.ZUERCHER		DATE 10-22-15			
				DECIMALS .XX ±.015		APPROVED E.ZUERCHER		DATE 10-22-15			
				ANGLES ±.5°		MANUFACTURING				SIZE C	
				DO NOT SCALE DRAWING		CUSTOMER				FSCM NO. 08992	
				FINISH						DWG. NO. TA340-R	
				6.						REV A	
PART DASH NO.		NEXT QTY. REQ'D PER ASSY.	FINAL	NEXT ASSY.	USED ON	SIMILAR TO	ACT. WT.	CALC. WT.	SCALE 1/1	RELEASE DATE	SHEET 1 OF 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)
TA340-03-03-R	0.30-0.80	0.30	2 BY 2.00	0.30-0.80	0.30	2 BY 2.00
TA340-05-05-R	0.50-1.00	0.50	2 BY 2.00	0.50-1.00	0.50	2 BY 2.00
TA340-05-20-R	0.50-1.00	0.50	2 BY 2.00	2.00-3.00	2.00	2.5 BY 3.50
TA340-10-10-R	1.00-1.50	1.00	1.5 BY 2.50	1.00-1.50	1.00	2.0 BY 2.50
TA340-15-05-R	1.50-2.25	1.50	1.5 BY 3.00	0.50-1.00	0.50	2 BY 2.00
TA340-15-15-R	1.50-2.25	1.50	1.5 BY 3.00	1.50-2.25	1.50	2.5 BY 3.00
TA340-20-20-R	2.00-3.00	2.00	1.0 BY 3.50	2.00-3.00	2.00	2.5 BY 3.50
TA340-25-15-R	2.50-3.50	2.50	1.0 BY 4.00	1.50-2.25	1.50	2.5 BY 3.00
TA340-25-25-R	2.50-3.50	2.50	1.0 BY 4.00	2.50-3.50	2.50	2.0 BY 4.00
TA340-30-05-R	3.00-4.50	3.00	0.5 BY 4.50	0.50-1.00	0.50	2 BY 2.00
TA340-30-20-R	3.00-4.50	3.00	0.5 BY 4.50	2.00-3.00	2.00	2.5 BY 3.50
TA340-30-25-R	3.00-4.50	3.00	0.5 BY 4.50	2.50-3.50	2.50	2.0 BY 4.00
TA340-30-30-R	3.00-4.50	3.00	0.5 BY 4.50	3.00-4.50	3.00	2.0 BY 4.50
TA340-50-50-R	5.00-6.50	5.00	0.5 BY 7.50	5.00-6.50	5.00	1.0 BY 7.50

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)
TA340-025C-025C-R	0.10-0.40	0.10	2 BY 1.75	0.10-0.40	0.10	2 BY 1.75
TA340-05C-05C-R	0.30-0.70	0.10	2 BY 1.75	0.30-0.70	0.10	2 BY 1.75
TA340-10C-10C-R	0.75-1.25	0.50	2 BY 2.00	0.75-1.25	0.50	2 BY 2.00
TA340-15C-15C-R	1.25-1.75	1.00	1.5 BY 3.00	1.25-1.75	1.00	1.5 BY 3.00
TA340-18C-18C-R	1.55-2.05	1.30	1.5 BY 3.00	1.55-2.05	1.30	2.5 BY 3.00

APPROVED
By Patrick M. Lane at 9:00 am, Jan 19, 2016

SIZE C	FSCM NO. 08992	DWG. NO. TA340-R	REV A
SCALE NONE	SHEET 2		FILE

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