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THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND EXCEPT WITH WRITTEN PERMISSION BY AGM CON PAPER CONTROLS, INC. SUCH INFORMATION SHALL NOT BE DISCLOSED TO ANY OTHER PARTY OR USED FOR ANY PURPOSE, AND THE DOCUMENT SHALL NOT BE DUPLICATED IN WHOLE OR IN PART.

REVISIONS		DATE	APPROVED
ZONE	LTR.	DESCRIPTION	

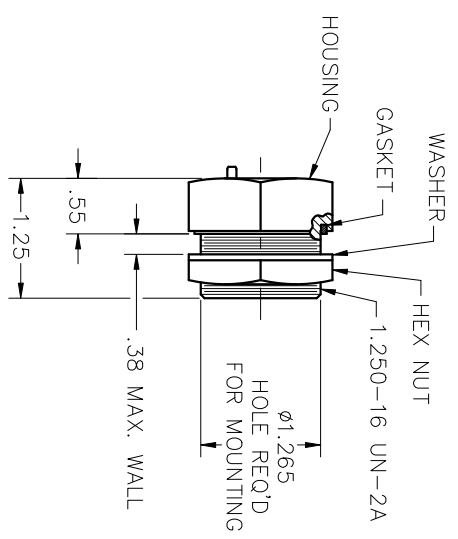
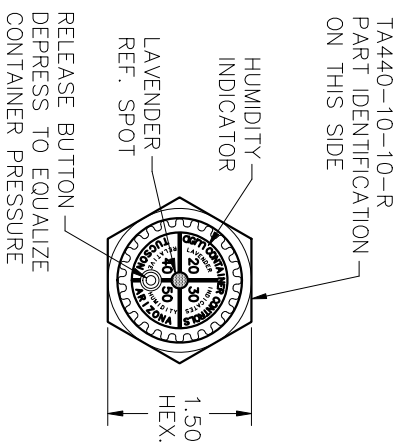
APPROVED
By Eric Zuercher at 2:19 pm, Apr 07, 2014

- NOTES UNLESS OTHERWISE SPECIFIED:
1. NOMENCLATURE: VALVE, BREATHER, TWO-WAY RELIEF WITH MANUAL RELEASE BUTTON, AND MULTIPLE SPOT HUMIDITY INDICATOR.
 2. SPECIFICATIONS:

- 2.1 RELATIVE HUMIDITY (RH) OF AIR IS INDICATED BY 20, 30, 40 AND 50 PERCENT SEGMENTS ON INDICATOR CARD. A BLUE COLOR IN SEGMENT INDICATES RH IS LESS THAN NUMBER IN THAT SEGMENT. WHEN SEGMENT MATCHES COLOR OF LAVENDER REF. SPOT RH IS EQUAL TO OR GREATER THAN NUMBER IN THAT SEGMENT. COLOR CHANGE IS REVERSIBLE UNDER NORMAL CONDITIONS.

3. PERFORMANCE:

- 3.1 AIR FLOW IN DIRECTION "P" (OUT OF CONTAINER):
 - 3.1.1 MINIMUM AIR FLOW SHALL BE 4.00 SCFM BY 2.5 PSID.
 - 3.1.2 VALVE SHALL RESEAL AFTER FLOW BY 1.0 PSID MINIMUM.
- 3.2 AIR FLOW IN DIRECTION "V" (INTO CONTAINER):
 - 3.2.1 MINIMUM AIR FLOW SHALL BE 4.00 SCFM BY 2.5 PSID.
 - 3.2.2 VALVE SHALL RESEAL AFTER FLOW BY 1.0 PSID MINIMUM.



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

4. THIS VALVE IS NOT REPAIRABLE EXCEPT BY AGM CONTAINER CONTROLS, INC.
5. MATERIALS:
 - 5.1 HOUSING, AND HEX NUT: BLACK POLYCARBONATE.
 - 5.2 WASHER: ALUMINUM ALLOY.
 - 5.3 EXTERNAL GASKET: ELASTOMER IAW MIL-PRF-6855, CLASS II, GRADE 60.
 - 5.4 INTERNAL SEALS: SILICONE RUBBER.
 - 5.5 HUMIDITY INDICATOR HOUSING: STYRENE ACRYLONITRILE, TRANSPARENT.
 - 5.6 HUMIDITY INDICATOR CARD: BLOTTER PAPER IAW UU-P-63, GRADE B, CHEMICALLY IMPREGNATED IAW MIL-I-8835.

6. FINISH: ALUMINUM ALLOYS CONVERSION COATED IAW MIL-DTL-5541, CLASS 1A.

PART DASH NO.	NEXT FINAL QTY PER ASSY.	FINAL NEXT ASSY.	USED ON APPLICATION

INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M-1982 UNLESS OTHERWISE SPECIFIED DIMENSIONS TOLERANCES ANGLES DECIMALS .XX ±.015 .XXX ±.010 F.5° DO NOT SCALE DRAWING FINISH 6.

CONTRACT		DATE
DRAWN	P. LANE	1-26-04
CHECK	E. ZUERCHER	1-26-04
APPROVED	E. ZUERCHER	1-26-04
MANUFACTURING		
CUSTOMER		

gcm CONTAINER CONTROLS, INC.
 P.O. BOX 40020 - TUCSON, ARIZONA 85711-0020

TITLE: VALVE, BREATHER

SIZE: FSCM NO. 08992 DWG. NO. TA440-10-10-R REV J

SCALE: 1/1 RELEASE DATE: SHEET 1 OF 1

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