

NOTES UNLESS OTHERWISE SPECIFIED:

4. MATERIALS:

- AIR FLOW 'P' —————→ (PRESSURE RELIEF)  
 AIR FLOW 'V' —————→ (VACUUM RELIEF)

5. FINISHES:

6. RECOMMENDED INSTALLATION TORQUE 30-40 IN-LBS.

7. RECOMMENDED INSTALLATION TORQUE 70-80 IN-LBS.

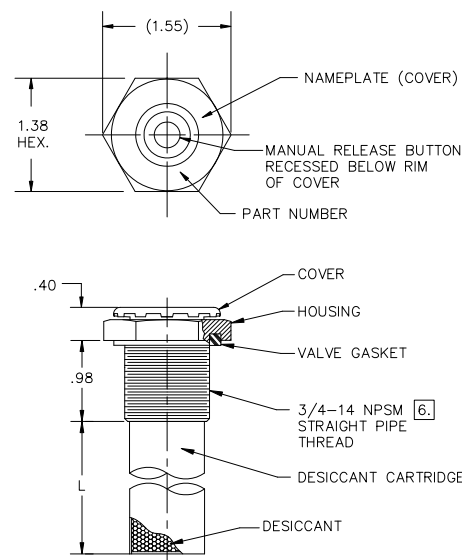
8. PART NUMBER CONVENTION: TA333-P-V-DL-F

P = PRESSURE SETTING SEE TABLE ON SHEET 3  
V = VACUUM SETTING SEE TABLE ON SHEET 3  
D = DESICCANT TYPE MS (MOL SIEVE) OR SG (SILICA GEL)  
L = LENGTH BETWEEN .5 AND 6 TO NEAREST .1. SEE FIGURE FOR FITTING OPTION -0  
F = FITTING OPTION 0, 1, 2, OR 3. SEE FIGURES

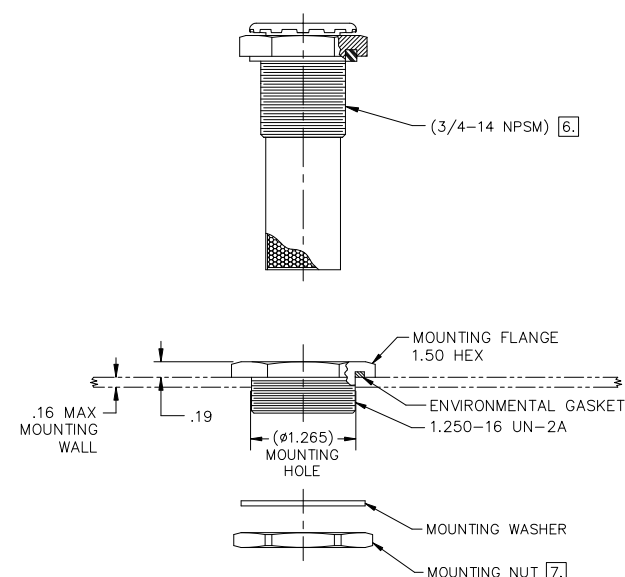
EXAMPLE: TA333-05-05-MS3.0-1  
(TA333-05-05-R VALVE, WITH 3.0" LONG CARTRIDGE CONTAINING MOLECULAR SIEVE, WITH A MOUNTING FLANGE)

9. REPLACEMENT CARTRIDGE PART NUMBER: TA333-RC-DL DL (DESICCANT AND LENGTH) AS DEFINED IN NOTE 8.

EXAMPLE: TA333-RC-MS3.0



FITTING OPTION: -0  
NO MOUNTING HARDWARE  
(FOR INSTALLATION INTO  
A THREADED HOLE)



FITTING OPTION: -1  
MOUNTING FLANGE

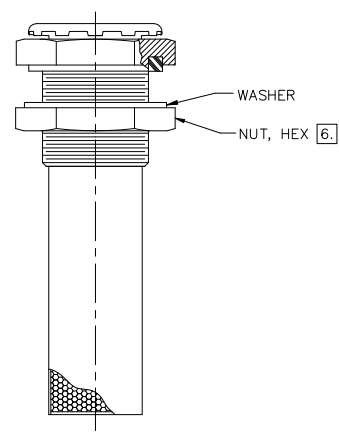
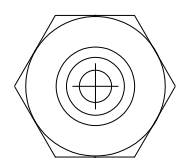
FOR VALVE AND CARTRIDGE DIMENSIONS,  
SEE FITTING OPTION -0 FIGURE.

[illegible]

8 7 6 5 4 3 2 1

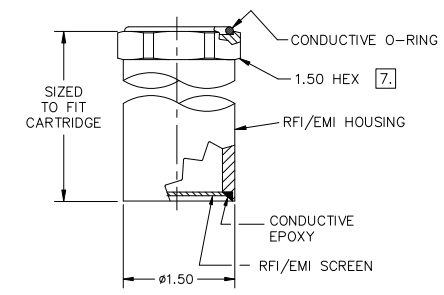
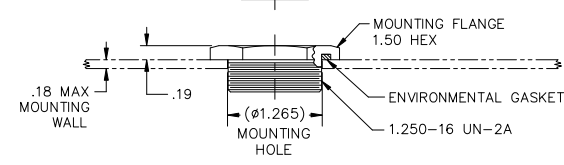
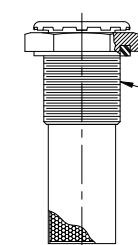
| REVISIONS |      |             |      |          |
|-----------|------|-------------|------|----------|
| ZONE      | LTR. | DESCRIPTION | DATE | APPROVED |

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



FITTING OPTION: -2  
HEX NUT AND WASHER.

FOR VALVE AND CARTRIDGE DIMENSIONS,  
SEE FITTING OPTION -0 FIGURE.



FITTING OPTION: -3  
MOUNTING FLANGE AND RFI/EMI HOUSING.

FOR VALVE AND CARTRIDGE DIMENSIONS,  
SEE FITTING OPTION -0 FIGURE.

|       |          |              |         |
|-------|----------|--------------|---------|
| SIZE  | FSCM NO. | DWG. NO.     | REV     |
| D     | 08992    | TA333-PVDLF  | B       |
| SCALE | 1        | RELEASE DATE | SHEET 2 |

8 7 6 5 4 3 2 1

| REVISIONS |      |             |      |          |
|-----------|------|-------------|------|----------|
| ZONE      | LTR. | DESCRIPTION | DATE | APPROVED |

DASH NUMBERS FOR PRESSURE AND VACUUM SIDE MAY BE USED IN ANY COMBINATION (E.G., TA333-05-15). CONTACT AGM FOR AVAILABILITY OF SETTINGS IN ADDITION TO THOSE SHOWN BELOW.

| RESEAL VALVE PERFORMANCE |                                |                                         |                                  |                                |                                         |                                  |
|--------------------------|--------------------------------|-----------------------------------------|----------------------------------|--------------------------------|-----------------------------------------|----------------------------------|
|                          | PRESSURE SIDE (FLOW OUT)       |                                         |                                  | VACUUM SIDE (FLOW IN)          |                                         |                                  |
| SETTING NUMBER           | 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) |
| TA333-025-025-DL-F       | 0.25-0.75                      | 0.25                                    | 0.7 BY 1.75                      | 0.25-0.75                      | 0.25                                    | 1.0 BY 1.75                      |
| TA333-05-05-DL-F         | 0.50-1.00                      | 0.50                                    | 0.7 BY 2.00                      | 0.50-1.00                      | 0.50                                    | 1.0 BY 2.00                      |
| TA333-10-10-DL-F         | 1.00-1.50                      | 1.00                                    | 0.6 BY 2.50                      | 1.00-1.50                      | 1.00                                    | 0.8 BY 2.50                      |
| TA333-15-15-DL-F         | 1.50-2.25                      | 1.50                                    | 0.5 BY 3.00                      | 1.50-2.25                      | 1.50                                    | 0.7 BY 3.00                      |
| TA333-20-20-DL-F         | 2.00-3.00                      | 2.00                                    | 0.5 BY 3.50                      | 2.00-3.00                      | 2.00                                    | 0.7 BY 3.50                      |
| TA333-25-25-DL-F         | 2.50-3.50                      | 2.50                                    | 0.3 BY 4.00                      | 2.50-3.50                      | 2.50                                    | 0.6 BY 4.00                      |
| TA333-30-30-DL-F         | 3.00-4.00                      | 3.00                                    | 0.3 BY 4.50                      | 3.00-4.00                      | 3.00                                    | 0.6 BY 4.50                      |
| TA333-40-40-DL-F         | 4.00-5.50                      | 4.00                                    | 0.2 BY 5.50                      | 4.00-5.50                      | 4.00                                    | 0.2 BY 5.50                      |
| TA333-50-50-DL-F         | 5.00-6.50                      | 5.00                                    | 0.2 BY 8.00                      | 5.00-6.50                      | 5.00                                    | 0.2 BY 8.00                      |

| CRACKING VALVE PERFORMANCE |                          |                                  |                                  |                         |                                  |                                  |
|----------------------------|--------------------------|----------------------------------|----------------------------------|-------------------------|----------------------------------|----------------------------------|
|                            | PRESSURE SIDE (FLOW OUT) |                                  |                                  | VACUUM SIDE (FLOW IN)   |                                  |                                  |
| SETTING NUMBER             | CRACKING PRESSURE RANGE  | RESEAL PRESSURE AFTER CRACK, MIN | MINIMUM FLOW RATE (SCFM BY PSID) | CRACKING PRESSURE RANGE | RESEAL PRESSURE AFTER CRACK, MIN | MINIMUM FLOW RATE (SCFM BY PSID) |
| TA333-025C-025C-DL-F       | 0.10-0.40                | 0.10                             | 0.8 BY 1.75                      | 0.10-0.40               | 0.10                             | 0.8 BY 1.75                      |
| TA333-05C-05C-DL-F         | 0.30-0.70                | 0.10                             | 0.7 BY 2.00                      | 0.30-0.70               | 0.10                             | 1.0 BY 2.00                      |
| TA333-10C-10C-DL-F         | 0.75-1.25                | 0.50                             | 0.7 BY 2.00                      | 0.75-1.25               | 0.50                             | 1.0 BY 2.00                      |
| TA333-15C-15C-DL-F         | 1.25-1.75                | 1.00                             | 0.7 BY 3.00                      | 1.25-1.75               | 1.00                             | 0.7 BY 3.00                      |
| TA333-20C-20C-DL-F         | 1.75-2.25                | 1.00                             | 0.5 BY 3.50                      | 1.75-2.25               | 1.00                             | 0.7 BY 3.50                      |

|       |          |              |         |
|-------|----------|--------------|---------|
| SIZE  | FSCM NO. | DWG. NO.     | REV     |
| D     | 08992    | TA333-PVDLF  | B       |
| SCALE | 1        | RELEASE DATE | SHEET 3 |