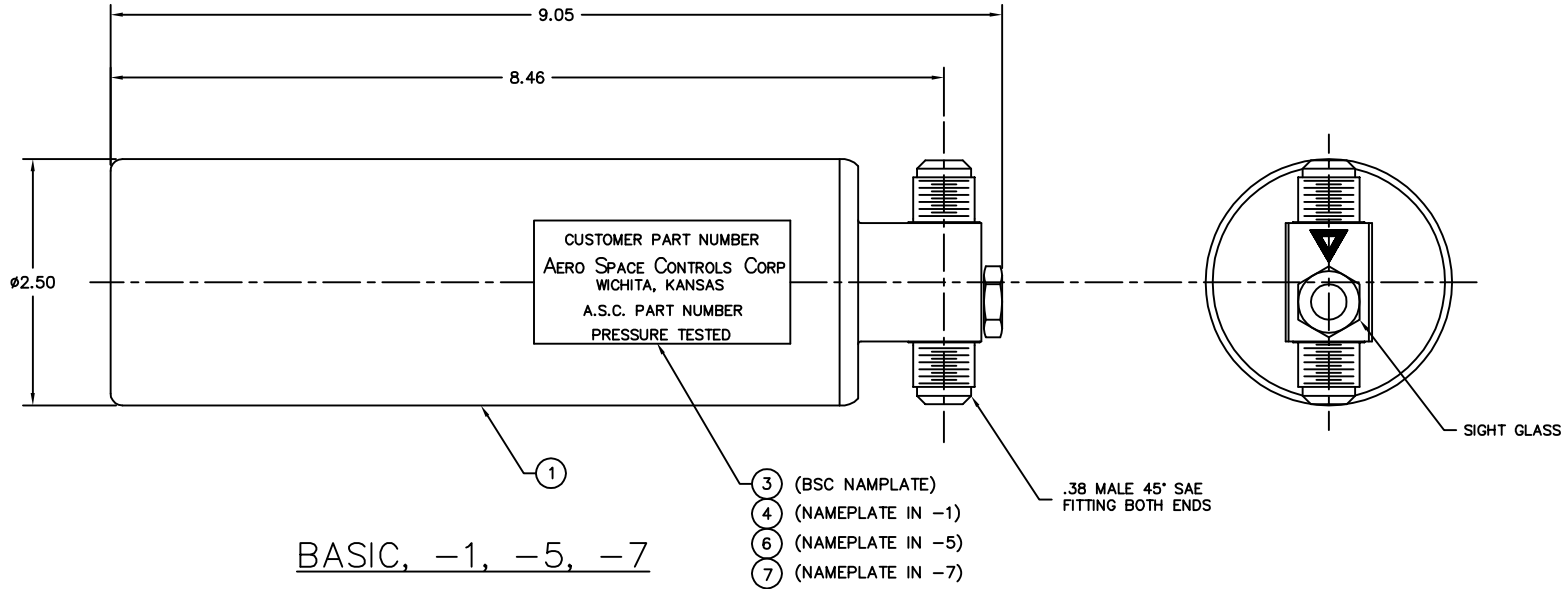


- NOTICE -

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REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC768	F	ADDED (-7) CONFIGURATION	8-28-97	D.S.
ASC1408	G	REVISED NOTES. REDRAWN TO CAD.	11-30-99	D.S.
ASC1719	H	REVISED AND COMBINED NOTES 9 AND 10.	10-19-00	D.S.
ASC2775	J	REORIENTED NAMEPLATE TO HORIZONTAL.	3-5-04	D.S.



BASIC, -1, -5, -7

NOTES CONTINUED:

- THE PURPOSE OF THE RECEIVER-DRYER IS TO:
  - STORE HIGH PRESSURE LIQUID REFRIGERANT FROM THE CONDENSER COIL
  - FILTER OR SCREEN THE REFRIGERANT TO PREVENT SCALE OR DIRT FROM REACHING THE EXPANSION VALVE
  - DRY OR ABSORB MOISTURE WITH A DESICCANT SUCH AS XH-7
  - PROVIDE A SIGHT GLASS TO VISUALLY DETERMINE IF ADEQUATE REFRIGERANT IS IN THE SYSTEM.
- THE UNIT SHALL BE COMPATIBLE WITH REFRIGERANT R-12 AND 134a
- RELIABILITY: THE SERVICE LIFE SHALL NOT BE LESS THAN 10,000 HOURS IN NORMAL AIRCRAFT USAGE WITH NO OVERHAUL REQUIRED.
- THE UNIT MUST WITHSTAND 500 PSI INTERNAL PRESSURE - NO LEAKAGE - 1000 PSI BURST PRESSURE.
- AMBIENT TEMPERATURE -65°F TO 165°F. OPERATIONAL TEMPERATURE 300°F MAXIMUM
- THE UNIT SHALL BE CAPABLE OF WITHSTANDING IN-FLIGHT OPERATIONAL LOADS OF 9 G's IN ANY DIRECTION WITHOUT FAILURE.
- THE UNIT MUST BE CLEAN AND FREE FROM FOREIGN MATERIAL, DRIED AND SEALED FOR SHIPMENT.
- FINISH: WHITE ENAMEL, KAEPOX #63W9
- THE BASIC, -1, -5, & -7 ARE ALL THE SAME DRYER AS FAR AS PARTS AND PERFORMANCE. THE BASIC WAS PREVIOUSLY DESIGNED TO BE COMPATIBLE WITH R-12 ONLY AND THEN SUPERCEDED BY THE -5 WHICH IS COMPATIBLE WITH R-12 AND R-134a. THE -7 WAS DESIGNED WITH AN 80 MICRON FILTER AND THE -1 NUMBER WAS ASSIGNED TO A SPECIFIC CUSTOMER. NOW THE BASIC, -1, -5 & -7 ALL CONTAIN A DESICCANT COMPATIBLE WITH BOTH R-12 & R-134a AS WELL AS AN 80 MICRON FILTER.

QTY	QTY	QTY	QTY	QTY	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MATL SPEC	FINISH	FINISH SPEC
					7		1523545-9	NAMEPLATE				
	1				6		1523545-7	NAMEPLATE				
		1			5		1523545-5	NAMEPLATE				
			1		4		1523545-3	NAMEPLATE				
				1	3		1523545-1	NAMEPLATE				
		1			2		1523259-3	R.D. ASSY.				
1	1		1	1	1		1523259-1	R.D. ASSY.				
-7	-5	-3	-1		BSC							

A.S.C. P/N		CUST. P/N		APPLICATION					
<table border="0"> <tr> <td style="vertical-align: top;">                     DIMENSIONAL SYMBOLS PER MIL-STD-88                      (—) FLATNESS &amp; STRAIGHTNESS                      &lt;math&gt;\sphericalangle&lt;/math&gt; ANGULARITY                      ⊥ PERPENDICULARITY                         PARALLELISM                      ⊙ CONCENTRICITY                      ⊕ TRUE POSITION                      ○ ROUNDNESS                      ≡ SYMMETRY                      ⊕ MAXIMUM MATERIAL CONDITION                      ⊖ MINIMUM MATERIAL CONDITION                      ⊕ REGARDLESS OF FEATURE SIZE                 </td> <td style="vertical-align: top;">                     UNLESS OTHERWISE SPECIFIED                      1. DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± 1/16 XX DEC - .030 XXX DEC ± .010 ANGLES 90° 30° DRILL HELES AND 10387                      2. SURFACE ROUGHNESS PER MIL-STD-10                      3. REMOVE BURRS &amp; BREAK SHARP EDGES TO MAX                      4. INTERNAL RADII .005 TO .015                      5. STRAIGHT SCREW THREADS MIL-S-7742 TAPERED PIPE MIL-P-7105                      DO NOT SCALE DRAWING                 </td> <td style="vertical-align: top;">                     SIGNATURES                      DR B. CLARK                      CHK                      ENGR                      APPR                      NEXT ASSY                      6. ALL DIMENSIONS BEFORE PLATING                 </td> <td style="vertical-align: top;">                     DATE                      6-6-79                      TITLE                      AERO SPACE CONTROLS CORPORATION                      WICHITA, KANSAS                      RECEIVER DRYER                      AIR CONDITIONER                      CODE IDENT NO. SIZE DWG NO.                      C 1523258                      SCALE 1:1 UNIT WT LBS SHT 1 OF 2                 </td> </tr> </table>						DIMENSIONAL SYMBOLS PER MIL-STD-88 (—) FLATNESS & STRAIGHTNESS <math>\sphericalangle</math> ANGULARITY ⊥ PERPENDICULARITY    PARALLELISM ⊙ CONCENTRICITY ⊕ TRUE POSITION ○ ROUNDNESS ≡ SYMMETRY ⊕ MAXIMUM MATERIAL CONDITION ⊖ MINIMUM MATERIAL CONDITION ⊕ REGARDLESS OF FEATURE SIZE	UNLESS OTHERWISE SPECIFIED 1. DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± 1/16 XX DEC - .030 XXX DEC ± .010 ANGLES 90° 30° DRILL HELES AND 10387 2. SURFACE ROUGHNESS PER MIL-STD-10 3. REMOVE BURRS & BREAK SHARP EDGES TO MAX 4. INTERNAL RADII .005 TO .015 5. STRAIGHT SCREW THREADS MIL-S-7742 TAPERED PIPE MIL-P-7105 DO NOT SCALE DRAWING	SIGNATURES DR B. CLARK CHK ENGR APPR NEXT ASSY 6. ALL DIMENSIONS BEFORE PLATING	DATE 6-6-79 TITLE AERO SPACE CONTROLS CORPORATION WICHITA, KANSAS RECEIVER DRYER AIR CONDITIONER CODE IDENT NO. SIZE DWG NO. C 1523258 SCALE 1:1 UNIT WT LBS SHT 1 OF 2
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