

INCH-POUND

MS35845F
8 APRIL 2010
SUPERSEDING
MS35845E
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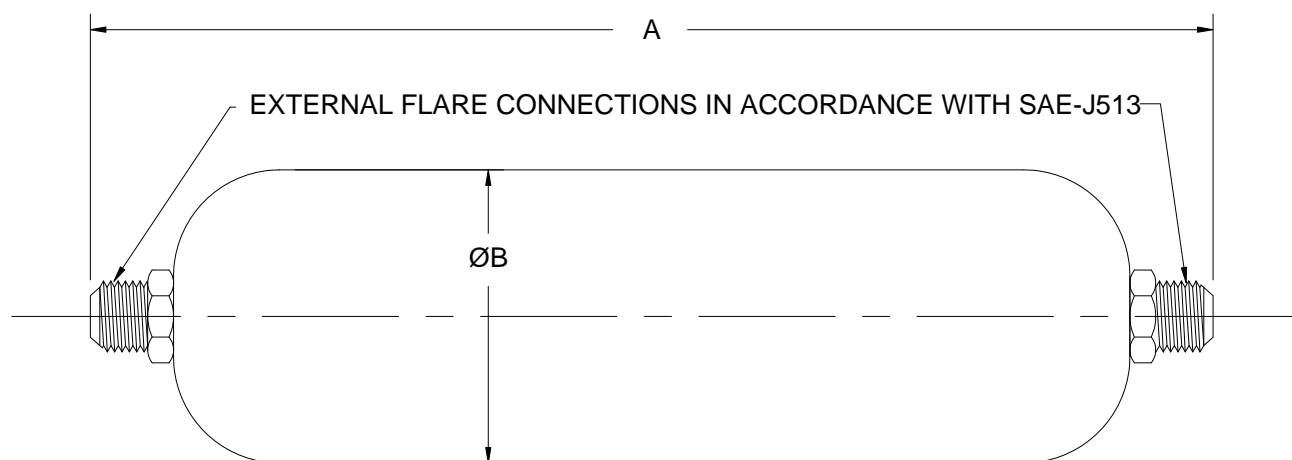
MILITARY SPECIFICATION SHEET

DEHYDRATORS, DESICCANT, REFRIGERANT - 12

INACTIVE FOR NEW DESIGN AFTER 6 February 1996.

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-D-22825.



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TABLE I. Dash numbers and dimensions

DASH NO.	DIMENSIONS		FLARE CONNECTION SIZE	CAPACITY	
	A ± .500	ØB MAX. O.D.		WATER (MINIMUM AT 125 °F) DROPS	DRYING TONNAGE TR
-1	6.000	2.593	.375	80	2
-2	6.750	3.062	.375	120	3
-3	6.875	3.062	.500	200	5
-4	10.250	3.562	.625	300	7.5
-5	10.312	3.562	.625	400	10

REQUIREMENTS:

1. Rating condition: Dehydrators shall conform to the standard rating condition specified in Air-Conditioning, Heating and Refrigeration Institute standard ARI710.
2. Materials:
 - A. Desiccant - activated alumina, silica gel, anhydrous calcium sulphate, molecular sieve, or any combination of these in molded or granular form.
 - B. Shell - copper, brass, or steel.
 - C. Strainer – corrosion – proof strainers suitable to retain the type of desiccant used.
3. Strength: Conform to UL standard UL207.
4. Dehydrators shall be of a non-refillable type for use with refrigerant conforming to A-A-58060.
5. Dimension “A” may be attained on shorter units by use of an adaptor or extension supplied with the unit and having the same type end connection.
6. Finish: The shell, when steel, shall be corrosion-resistant treated outside.
7. The shell when fabricated of steel shall be brazed, silver soldered, or welded. When brass or copper shall be brazed or silver soldered.
8. Maximum shell diameters are not intended to preclude dehydrators having welded beads around the circumference of the shell in excess of diameters shown.

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NOTES:

1. Dimension are in inches.
2. For design feature purposes this standard takes precedence over procurement documents referenced herein.
3. Referenced documents shall be the issue in effect on the date of invitation for bids or request for proposal.
4. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of changes.

Custodians:

Army – GL
Navy - SH
Air Force - 99

Preparing activity:

DLA - IS

(Project 4130-2010-003)

Review activity:

Army – CR4

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>