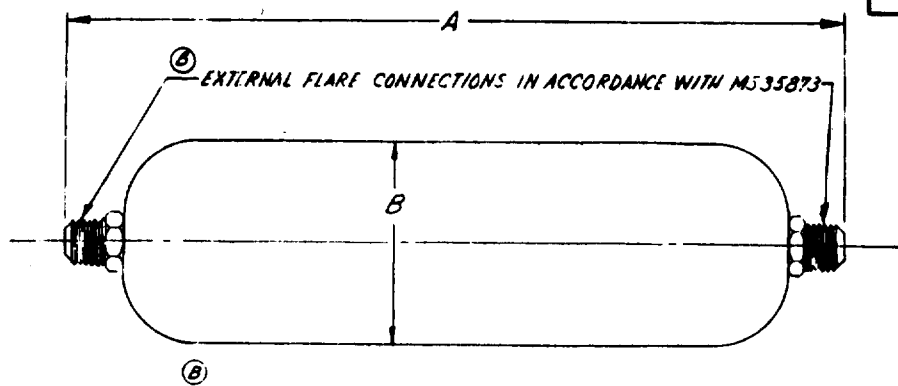


FED. SUP CLASS
4130



| DASH N.O. | DIMENSIONS | | FLARE CONNECTION SIZE | CAPACITY | |
|-----------|---------------------|-------------|-----------------------|--------------------------|-------------------|
| | A ($\frac{L}{2}$) | B (MAX. OD) | | WATER 'MIN' 'A' AT LEAST | DRYING TONNAGE TR |
| | INCHES | INCHES | INCHES | DROPS | |
| -1 | 6 | 2 19/32 | 3/8 | 80 | 2 |
| -2 | 6 3/4 | 3 1/16 | 3/8 | 120 | 3 |
| -3 | 5 7/8 | 3 1/16 | 1/2 | 200 | 5 |
| -4 | 10 1/4 | 3 9/16 | 5/8 | 300 | 7 1/2 |
| -5 | 10 5/16 | 3 9/16 | 7/8 | 400 | 10 |

NOTES

- RATING CONDITIONS:** DEHYDRATORS SHALL CONFORM TO THE STANDARD CONDITION, GROUP II REQUIREMENTS SPECIFIED IN AIR CONDITIONING AND REFRIGERATION INSTITUTE (ARI) STANDARD 710-64, "LIQUID LINE DRIERS".
- MATERIALS:**
 - DESICCANT-ACTIVATED ALUMINA, SILICA GEL, ANHYDROUS CALCIUM SULPHATE, MOLECULAR SIEVE, OR ANY COMBINATION OF THESE IN MOLDED OR GRANULAR FORM.
 - SHELL-COPPER, BRASS, OR STEEL.
 - STRAINER-CORROSION-PROOF STRAINERS SUITABLE TO RETAIN THE TYPE OF DESICCANT USED.
- STRENGTH:** CONFORM TO UL STANDARD 207c.
- DEHYDRATORS SHALL BE OF A NON-REFILLABLE TYPE FOR USE WITH REFRIGERANT CONFORMING TO BB-F-1421.**
- 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.
- FINISH:** THE SHELL, WHEN STEEL, SHALL BE CORROSION-RESISTANT TREATED OUTSIDE.
- THE SHELL WHEN FABRICATED OF STEEL SHALL BE BRAZED, SILVER SOLDERED, OR WELDED, WHEN BRASS OR COPPER SHALL BE BRAZED OR SILVER SOLDERED.
- MAXIMUM SHELL DIAMETERS ARE NOT INTENDED TO PRECLUDE DEHYDRATORS HAVING WELDED BEADS AROUND THE CIRCUMFERENCE OF THE SHELL IN EXCESS OF DIAMETERS SHOWN.
- FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL.

APPROVED 21 JUL 1957 REVISED (A) 20 FEB 1961 (B) 3 AUG 1962 (C) 9 APR 1965 (D) 1 NOV 1968 (E) 19 NOV 1971

Rev. User activities
Army -
Navy - SH
Air Force-82

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments, and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

| | | |
|---|---|-------------------------------|
| P.A. ARMY - GL Other Code NAVY - YD ASAF - 82 | TITLE DEHYDRATORS, DESICCANT, REFRIGERANT-12 | MILITARY STANDARD MS 35845 |
| PROCUREMENT SPECIFICATION MIL-D-22825 | SUPERSEDES: | SHEET / OF / |