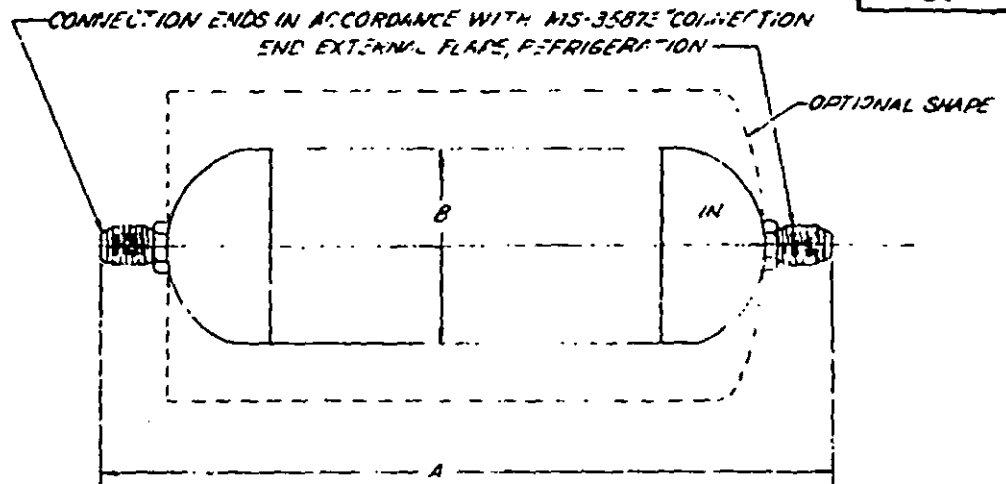


FED. SUP CLASS
7130

MS PART NO.	DIMENSIONS		FLARE CONNECTION SIZE	SCREEN AREA	APPROX LIQUID (R12) RATING
	A - 1/2	B (MAX.)			
17242-1	4 1/8	2 3/4	3/8	10	1703
17242-2	5 1/8	2 3/4	1/2	10	2754
17242-3	7 1/8	2 3/4	3/8	20	47010

(B)

NOTES

RATING CONDITIONS: STRAINERS SHALL BE OF SUFFICIENT CAPACITY AND SCREEN AREA TO PASS 1.0 POUNDS PER MINUTE OF LIQUID REFRIGERANT 12 MULTIPLIED BY THE STRAINER RATING WITHOUT A PRESSURE DROP IN EXCESS OF 2 POUNDS PER SQUARE INCH.

MATERIALS: SHELL: COPPER, BRASS, OR STEEL CORROSION-RESISTANT TREATED.

SCREEN: CORROSION-RESISTING STEEL OR MORE, IN ACCORDANCE WITH TYPE 1, CLASS 1, WIRE DIAMETER 0.0055 OR 0.0065 OF MIL-W-360.

STRENGTH: CONFORM TO UL 201C.

STRAINERS SHALL BE OF THE LIQUID AND GAS, STRAIGHT-THROUGH, NON-CLEANABLE, THROW-AWAY TYPE.

DIMENSIONS: "A" - MAY BE ATTAINED ON SHORTER UNITS BY USE OF AN ADAPTER OR EXTENSION SUPPLIED WITH THE UNIT AND HAVING THE SAME TYPE END CONNECTION.

"B" - MAXIMUM SHELL DIAMETER IS NOT INTENDED TO PRECLUDE STRAINERS HAVING WELDED BEADS AROUND THE CLEARANCE OF THE SHELL IN EXCESS OF DIAMETER 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.

Review
Army - 68 MZ

This Military standard is mandatory for use by all Department 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. Other Cost	ARMY - G NAVY - VD USAF - 62	TITLE STRAINER, SEDIMENT, REFRIGERANT-12	MILITARY STANDARD MS 17242
PROCUREMENT SPECIFICATION A/L-S-22033	SUPERSEDES		SHEET 1 OF 1

DD FORM 672-1 (Continued)
MS125

FOR OTHER EDITIONS OF THIS FORM AND COVER, ETC.

APPROVED 2012B 1561 REVISED (B) 13 JAN 1971