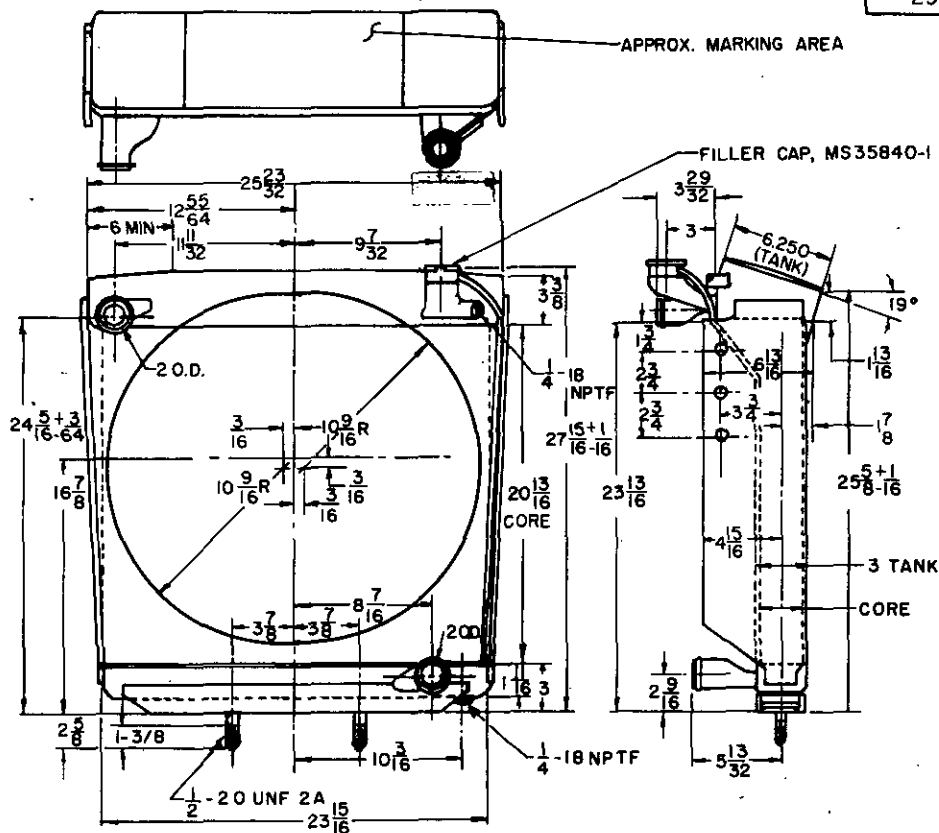


REVIEW ACTIVITIES: ARMY-ME  
USER ACTIVITIES: NAVY-YD, MC; AF-82, 85



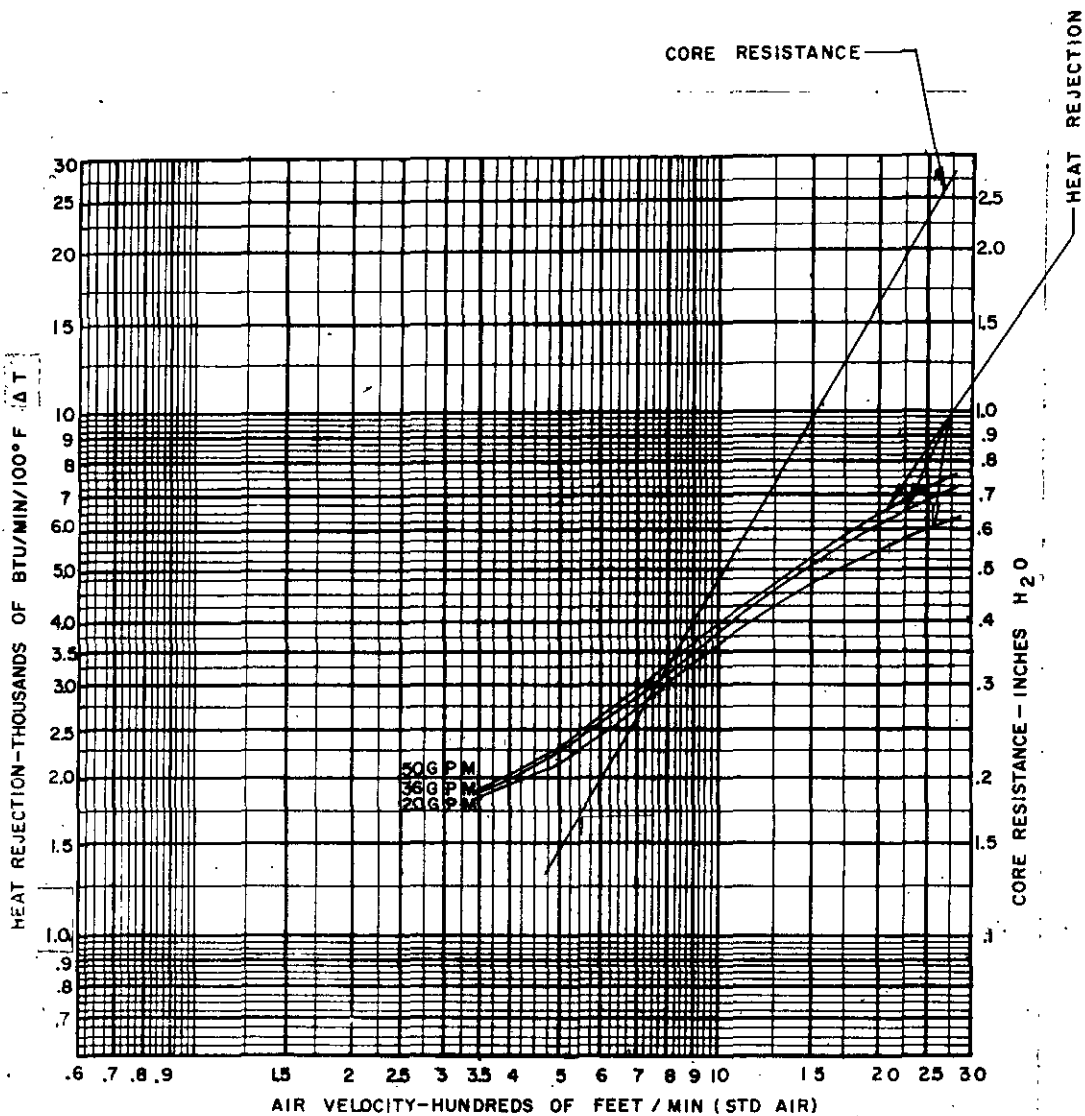
# NOTES:

1. MATERIALS:  
TANKS AND HEADERS: BRASS, IN CONFORMANCE WITH COMPOSITION 2 OF SPEC. QQ-B-613.  
SIDE SUPPORTS: TERNE SHEET IN CONFORMANCE WITH TYPE 1, GRADE 1 OF SPEC. QQ-T-191.  
CORE: TUBES: BRASS, 70% CU, 30% ZN, IN ACCORDANCE WITH MIL-B-50; FINS: COPPER IN ACCORDANCE WITH SPEC. QQ-C-576.  
SOLDER PER SPEC. MIL-S-6872. USE SOLDER COMPOSITION SN40 OR SN50, PER SPEC. QQ-S-571.
2. FINISH:  
CLEAN, PER SPEC. TT-C-490, METHOD 1 OR III; TREAT, PER SPEC. TT-C-490, TYPE I OR III;  
PRIME, PER SPEC. TT-P-636 OR MIL-P-8585; ENAMEL, OLIVE DRAB, PER SPEC. TT-E-529.
3. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-28.
4. ASSEMBLY SHALL WITHSTAND A 10 PSIG INTERNAL PRESSURE.
5. SEE SHEET 2 FOR HEAT REJECTION AND CORE RESISTANCE CURVES.
6. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES; TOLERANCES:  $\pm 1/64$  ON FRACTIONS;  $\pm .005$  ON DECIMALS;  $\pm 1$  ON ANGULAR DIMENSIONS.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
9. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
10. MARKING SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
11. DETAILS OF THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH REFERENCED DRAWING WHICH MAY BE OBTAINED FROM U.S. ARMY TANK-AUTOMOTIVE CENTER, ATTENTION; STANDARDIZATION BRANCH, WARREN, MICHIGAN, 48090.

ⓑ CANCELLED AFTER 25 APRIL 1973

FOR NEW DESIGN AND PROCUREMENT USE DWG 8720584

P.A: ARMY-AT Other Cust NAVY-YD AF-84	TITLE RADIATOR, ENGINE COOLANT, AUTOMOTIVE- 3.47 SQUARE FEET FRONTAL CORE AREA	MS PART NO. MS 51385-1	FORMER PART NO. 8720584
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	MILITARY STANDARD <b>MS51385</b>	
		SHEET 1	OF 2

FED. SUP CLASS  
2930

HEAT REJECTION AND CORE RESISTANCE CURVES

MS PART NO. FORMER PART NO.  
MS 51385-1 8720584P.A. ARMY-AT  
Other Cust  
NAVY-YD  
AF-84

TITLE

RADIATOR, ENGINE COOLANT, AUTOMOTIVE-  
3.47 SQUARE FEET FRONTAL CORE AREA

MILITARY STANDARD

MS 51385

PROCUREMENT SPECIFICATION  
NONE

SUPERSEDES:

SHEET 2 OF 2

APPROVED 6 JUNE 1961 REVISED (B) FOR CHANGES SEE SHEET 1