

1. TANKS AND HEADERS: BRASS, IN CONFORMANCE WITH COMPOSITION 2 OF QQ-B-613.
2. SIDE SUPPORTS: TERNE SHEET IN CONFORMANCE WITH TYPE I, GRADE 1 OF QQ-T-191.
3. CORE: TUBES: BRASS, 70% CU, 30% ZN, IN ACCORDANCE WITH MIL-B-50; FINS; COPPER, IN ACCORDANCE WITH QQ-C-576.
4. SOLDER PER SPEC. MIL-S-6872. USE SOLDER COMPOSITION SN40 OR SN50, SPEC. QQ-S-571.
5. PHOSPHATE COAT IN CONFORMANCE WITH GRADE I OF TT-C-490.
6. PRIME COAT PER TT-P-636.
7. ENAMEL COAT, OLIVE DRAB, PER TT-E-529.
8. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES, HANDBOOK H28.
9. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: TOLERANCES:  $\pm 1/64$  ON FRACTIONS:  $\pm .005$  ON DECIMALS;  $\pm 1^\circ$  ON ANGULAR DIMENSIONS.
10. ASSEMBLY WILL WITHSTAND A 10 PSIG INTERNAL PRESSURE.
11. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
12. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

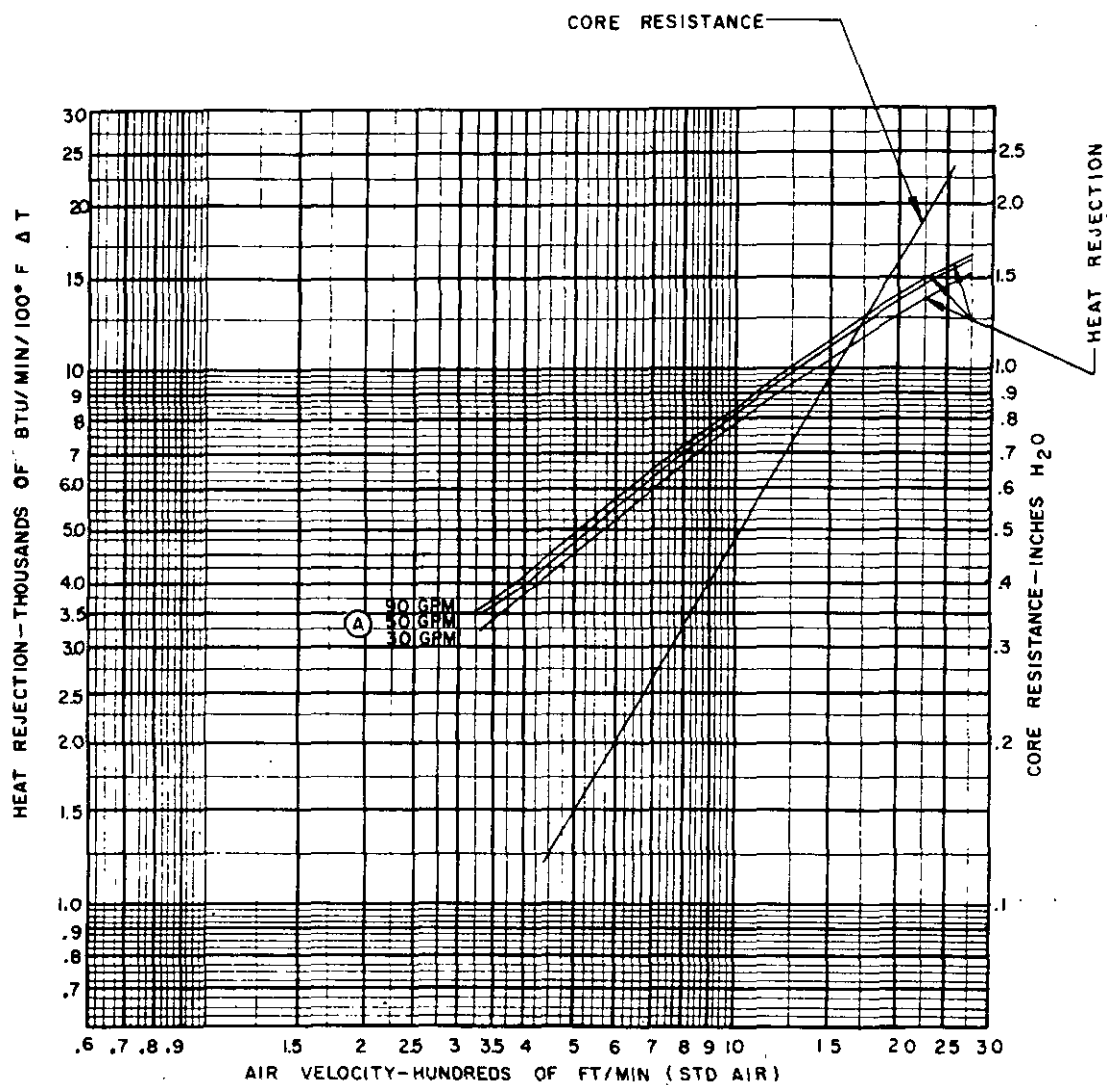
DETAILS OF THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH REFERENCED DRAWING NUMBER 8332894, AND MAY BE OBTAINED FROM ARMY TANK-AUTOMOTIVE CENTER, WARREN, MICHIGAN, ATTENTION: STANDARDIZATION BRANCH.

MS PART NO	DRAWING NO.
MS 51387-1	8332894

P.A. MO (ATAC)	TITLE	MS 51387-1	8552894
Other Cust Navy - Docks AF - WRA OSA - CS	RADIATOR, ENGINE COOLANT, AUTOMOTIVE- 6.73 SQUARE FEET FRONTAL CORE AREA	MILITARY STANDARD	
		MS 51387	
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET	1 OF 2

This military standard is approved by the Department of Defense and is mandatory on all activities. Section for all new engineering and U.S. applications and for repetitive use shall be made from this document.

APPROVED 6 JUNE 1961 REVISED (A) 29 SEPTEMBER 1964 (B) 25 APRIL 1973

FED. SUP CLASS  
2930USERS:  
REVIEWERS:

HEAT REJECTION AND CORE RESISTANCE CURVES

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Other Cust  
Navy-Docks  
AF-WRA  
OSA-CSPROCUREMENT SPECIFICATION  
NONE

TITLE

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

SUPERSEDES

MILITARY STANDARD

MS 51387

SHEET 2