

PROJECT NAME: SAXON/LARMAR G3512
 APPLICATION: OIL/GAS
 MAX OVERALL DIMS: NONE GIVEN
 ENGINE: CAT G3512
 RATING: 744HP AT 1200RPM

Josephson Mfg. Co.

01-33996 45 sq ft stacked radiator

APPLICATION DATA

FLUID
 REQUIRED AMBIENT TEMP (F)
 EXTERNAL AIR RISE (F)
 HEAT REJECTION(BTU/M)
 ELEVATION (FT)
 FLOW (GPM/CFM)
 MAX ALLOWED TOP TANK TEMP(F)
 INLET TANK TEMP(CALC'D) (F)
 OUTLET TANK TEMP(CALC'D) (F)
 MAX IMTD
 LAT/IMTD CALC'D (F)
 FLUID DELTA P (PSI)

JW CIRCUIT

50/50 EG MIX
 115
 3
 47773
 1500
 300
 210
 208
 187
 117
 2.05

AC CIRCUIT

50/50 EG MIX
 115
 3
 4058
 1500
 110
 134
 129
 130F MAX OUTLET
 2.1

COOLER DATA

MODEL
 CORE TYPE
 # PASSES
 DEARATION
 ACFM
 PRESSURE RATING(MAX) PSI

45 SQ FT STACKED AC/JW W/ FAN ON RADIATOR
 COPPER/BRASS
 1
 POSITIVE
 60952 ACFM
 25

COPPER BRASS
 2
 POSITIVE
 60952 ACFM
 25

FAN/MOTOR INFO

FAN MODEL**
 FAN DIAMETER
 # BLADES
 FAN SPEED RATIO
 FAN RPM
 TIP SPEED, FT/MIN
 FAN HP
 SUCTION/PUSHER

MW 72/10-10/9WR/35
 72
 10
 .7083:1
 850
 16,022
 52.7
 PUSHER



Due to unknown or unanticipated conditions relating to a specific application, deviation from the predicted performance may occur.

A performance confirmation test must be performed under actual conditions, prior to production, in order to confirm results.

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