



VIEW A-A

CORE GUARD/DUCT ADAPTER
60.00(H) X 68.50(W) X 1.00(D)

MANUFACTURER: GENERAL THERMODYNAMICS INC.

MODEL: F25-6 MODIFIED AS SHOWN
DESIGN: DUAL CORE RADIATOR, IDLER SHAFT, DEAERATION BAFFLE AND COMBINATION CORE GUARD/DUCT ADAPTER.

CONDITIONS: COOLANT 50/50 ETHYLENE GLYCOL AND PURE WATER
RESTRICTION 0.50 INCHES OF WATER COLUMN
TOP TANK 200°F MAX. (JACKET WATER)
BOTTOM TANK 130°F MAX. (AUX. WATER)
AMBIENT 110°F
ALTITUDE 1500 FEET

FAN: LOCATION RADIATOR MOUNTED
TYPE ALUM. PUSHER
DRIVE RATIO 0.644

RATING:	ENGINE SPEED (RPM)	HP	BTU (MIN)	BTU (MAX)
	1400	1500	1600	1800
	447	480	511	575
	13,100	14,000	14,800	16,600
	94	105	112	130
	9.9	11.3	12.6	15.7
	4000	4600	5200	6400
	24	28	31	35
	11.5	12	13	14.6
	902	966	1030	1160
	11.8	14.5	17.6	25.0
	37.333	40,000	42,666	48,000

UNIT WEIGHT: 1400 POUNDS
INTERCOOLER COOLANT CAPACITY: 16.50 GALLONS
JACKET WATER COOLANT CAPACITY: 16.50 GALLONS
VENDOR TO SUPPLY CERTIFIED PRINTS WITHIN 3 WEEKS OF PURCHASE ORDER FOR:
A.) DIMENSION DRAWING WITH CAPACITY AND WEIGHT
B.) FAN FLOW, HP, AND SOUND CURVE

NOTES:
1.) DIMENSIONS MARKED BY * MUST BE HELD
2.) ALL GREASE FITTINGS TO BE EASILY ASSESSABLE WITH GUARDS INSTALLED
3.) FAN DRIVE SHAFT AND IDLER SHAFT CENTER LINES MUST BE PARALLEL TO UNIT BASE [A] WITHIN +/- 0.03
4.) EXPOSED SHAFT BETWEEN PILLOW BLOCK BEARINGS MUST BE GUARDED SUCH THAT NO CONTACT BY PERSONEL ON SHAFT CAN BE MADE
5.) GUARD EXPOSED SHAFT AND FAN HUB MAXIMUM 0.50 INCH CLEARANCE ALLOWED
6.) MANUALS FOR RADIATOR AND FAN TO BE INCLUDED WITH EACH UNIT AT TIME OF SHIPMENT

REV	DATE	BY	C.N.
A	12-17-91	DBG	3420A
B	3-10-92	DBG	3420H
C	4-20-93	DBG	2669
D	7-30-97	EB	3334

REV	DATE	BY	C.N.
A	11-14-91	DBG	~

MATERIAL	TREATMENT	REFERENCE
H24GL/GLD		
REFERENCE		
REFERENCE		
REFERENCE		
USED ON		
GROUP		

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FORM PF179 (1-27-97)

RADIATOR, H24GL/GLD, PUSHER

DR. DBG 11-14-91
CH. GJM 11-15-91
AP. 11-22-91

P312041

SHEET 1 OF 1

WAUKESHA POWER SYSTEMS

DRESSER