

Technical Data Sheet

Customer:	Attn:	Date:	12/29/2005
API Assy No. 3771H/AS	Customer No: TBD	Proposal:	
Application TBD		Prepared: David Brick	
Engine	Data based on 2005 data sheet provided by PEGHOU		

AC PERFORMANCE

AC Heat Rejection:	11,073 BTU/Min	Flow Height:	78.04 in.
(Safety Factor)	10 %	No-Flow Height:	62.69 in.
Flow Rate:	105 GPM	Core Depth:	3.59 in.
Fluid Type:	50/50 Glycol/H ₂ O	Core Type:	K4090
Fluid Temperature In:	165 °F		Copper, 9 FPI
Fluid Temperature Out:	150.53 °F		Non-Louvered
Ambient Temperature:	120 °F		Plate Fin
Cooling Air Temperature In:	120 °F	No. of Passes:	2
Cooling Air Temperature Out:	138.6 °F		
Internal Pressure <u>Drop @</u> Design Point:	2.88 PSI		
Cooling Air Flow Required:	37048 SCFM @	in- H ₂ O	
Limiting Ambient Temperature:	120 °F		

JW PERFORMANCE

JW Heat Rejection:	22,381 BTU/Min	Flow Height:	78.04 in.
(Safety Factor)	10 %	No-Flow Height:	62.69 in.
Flow Rate:	333 GPM	Core Depth:	3.59 in.
Fluid Type:	50/50 Glycol/H ₂ O	Core Type:	K4090
Fluid Temperature In:	210 °F		Copper, 9 FPI
Fluid Temperature Out:	200.8 °F		Non-Louvered
Ambient Temperature:	120 °F		Plate Fin
Cooling Air Temperature In:	138.6 °F	No. of Passes:	1
Cooling Air Temperature Out:	170.2 °F		
Internal Pressure <u>Drop @</u> Design Point:	4.57 PSI		
Cooling Air Flow Required:	37048 SCFM @	in- H ₂ O	
Limiting Ambient Temperature:	120 °F		

FAN DATA¹

Fan Manufacturer:	Moore Fans	External Restriction:	0.5 in- H ₂ O
Fan Model:	10KHDVT-24	Elevation:	3000 ft.
Fan Diameter:	60 in.	Blade Angle:	21.4 °
Number of Blades:	6	Fan Speed:	765 RPM
Draft Type:	Sucker	Fan Tip Speed:	12017 FPM
		Drive Type:	Belt
Theoretical Air Flow:	37,048 SCFM @ 1.827 in- H ₂ O	Drive Ratio:	0.6375:1
Fan Derate:		Fan Power Draw:	29.31 HP @ Std.
Noise ² :	82.7 dBA @ 25ft		