Project Number: 00072		Test Date:	April 26, 2000	
Fan Make:	Canarm	Motor Make:	GE	
Model #:	FGH50W27H31	Model #:	5KCR48WN0513X	
Manufacturer	: Canarm	<i>H.P.</i> :	1.0	
Blade Size:	50.1 dia.	Amps:	9.6/4.8	
Orifice Dia.:	51" dia.	Volts:	115/230	
Blade	2	RPM:	1725	
Number:	3	<i>S.F.</i> :	1.40	
Shape: Material:	propeller galvanized steel	Drive <i>Drive Pulley Dia</i> . 3.5" o.d.		
Pitch:	-	Axle Pulley Dia.:9.9" o.d.		
Clearance:	0.5"	Housing Material: fiberglass		
Shutter <i>Material</i> :	plastic w/ galv. Frame	Intake Area:	56.3" x 56"	
# of Doors:	14 per column	Discharge Area: 54" dia.		
# of Columns	: 2	Depth:	43.3" x 31"	
Door Length:	27.5"	Guards Description:	wire	
Location:	intake	Spacing:	2" concentric	
Other Attachments:		Location:	exhaust	

TEST RESULTS

CANARM FGH50W27H31

	Static Pressure	Speed	Airflow	Efficiency
Test: 00072	in. water	<u>rpm</u>	<u>cfm</u>	cfm/Watt
	0.00	606	25,900	22.5
Fan description:	0.05	605	24,400	20.0
50" belt drive, 1hp GE 5KCR48WN0513X	0.10	602	22,800	17.7
motor, fiberglass housing, plastic shutter,	0.15	600	21,100	15.7
and guard	0.20	598	19,200	13.7
	0.25	595	16,800	11.7
	0.30	593	13,300	8.9