Project Numb	er : 03002	Test Date:	January 14, 2003	
I I ojece I (umis		Motor		
Fan		Make:	AO Smith	
Make:	Chore-Time			
	10,102,22	Model #:	K56A77C58	
Model #:	48483-22	UD.	15	
Manufacturer: CTB, Inc.		<i>H.P.</i> :	1.5	
manajaciarei	7. C1D, me.	Amps:	13.8/6.9	
Blade Size:	51.8" dia.	1 inip 51	10101019	
-		Volts:	115/230	
Orifice Dia.:	52.8"			
		RPM:	1725/1425	
Blade - 106				
Number:	3	S.F.:	1.1	
Shape:	propeller	Drive		
Shape.	propenei	Drive Pulley	Dia. 3.0" o.d.	
Material:	galvanized steel	Drive I uney	AK30	
	8	Axle Pulley L		
Pitch:	-	·	AK94	
		Housing		
Clearance:	0.5"	Material:	galvanized steel housing	
Shutter Butterfly damper		Intake Area:	55.5" x 55.5"	
Material:	Galvanized steel			
		Discharge Ar	<i>rea</i> : 52.8" dia.	
# of Doors:	2			
		Depth:	10.5"	
# of Columns	na na	~ .		
		Guards		
Door Length:	: na	Description:	wire	
Location:	exhaust	Spacing:	2" x 4" (intake)	
		~r	2" concentric (exhaust)	
Other Attachments:		Location:		
Discharge co	ne 35" deep, 52.8" i.d., 64" o.d.			

TEST RESULTS

CHORE-TIME 48483-22 Test: 03002	Static Pressure <u>in. water</u> 0.00	Speed <u>rpm</u> 563	Airflow <u>cfm</u> 28,000	Efficiency <u>cfm/Watt</u> 27.5
Fan description:	0.05	561	26,200	24.0
52" belt drive, 1.5 hp AO Smith K56A77C58	0.10	559	24,400	21.0
motor, galvanized steel housing, galvanized	0.15	558	22,300	18.2
steel butterfly damper, guard and discharge cone	0.20	556	20,200	15.8
	0.25	555	17,800	13.4
	0.30	554	14,400	10.6