

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFA2-56HO-E3IM-CR</i>	Model-	<i>YFE3-100L3B-8BX</i>	# Doors-	18 per column
Blade dia.-	<i>56.0"</i>	KW	<i>1.5</i>	# Columns-	3
Orifice dia.-	<i>56.6"</i>	RPM-	<i>705</i>	Door length-	19.8"
		Volts-	<i>200V</i>	Location-	Intake
Blade:		Amps-	<i>8.6A</i>	Guards:	
Number-	<i>3</i>	Hz-	<i>50</i>	Description-	<i>Wire</i>
Shape-	<i>Propeller</i>	Phase-	<i>3</i>	Spacing-	<i>4 concentric</i>
Material-	<i>Poly</i>	S. F.-	<i>1.15</i>	Location-	<i>Exhaust</i>
Pitch-	<i>-</i>				
Clearance-	<i>0.3"</i>	Housing:		Discharge Cone:	
		Material-	<i>Fiberglass</i>	Depth-	<i>40"</i>
Drive Sheaves:		Intake area-	<i>61.5"x61.5"</i>	Minor dia.-	<i>56.8"</i>
Drive dia.-	<i>Direct</i>	Discharge-	<i>56.8"</i>	Major dia.-	<i>68"</i>
Axle dia.-	<i>Drive</i>	Depth-	<i>24"</i>		

Notes:

Test Conditions:

T(wb):	74.84	23.8			
T(db):	83.48	28.6	Barometric pressure, recorded	29.97	101500

Static Pressure							Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m³/h)	(m³/h)/Watt	
0.00	39420	715	200.2	7.91	1742	22.6	0	67020	38.5	
0.05	37640	713	200.2	8.12	1840	20.5	12.5	64000	34.8	
0.10	35840	710	200.1	8.34	1933	18.5	25	60930	31.5	
0.15	33950	708	200.2	8.45	2006	16.9	37.5	57710	28.8	
0.20	31480	706	200.2	8.65	2088	15.1	50	53520	25.6	
0.25	29140	704	200.2	8.79	2139	13.6	62.5	49530	23.2	
0.30	26310	702	200.1	8.87	2174	12.1	75	44730	20.6	