

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFA2-56HO-B3IM-CR</i>	Model-	<i>YFE3-112L4A-10BX</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>690</i>	Door length-	19.8"
		Volts-	<i>230V</i>	Location-	Intake
Blade:		Amps-	<i>9.0A</i>	Guards:	
Number-	<i>3</i>	Hz-	<i>60Hz</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	39460	694	228.4	8.26	1773	22.3	0	67070	37.8	
0.05	37640	693	228.5	8.46	1858	20.3	12.5	63980	34.4	
0.10	35850	691	228.3	8.61	1964	18.3	25	60950	31.0	
0.15	33700	689	228.3	8.73	2026	16.6	37.5	57290	28.3	
0.20	31170	687	228.4	8.84	2095	14.9	50	52990	25.3	
0.25	28660	686	228.5	8.97	2158	13.3	62.5	48720	22.6	
0.30	26080	685	228.4	9.03	2189	11.9	75	44340	20.3	