

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFA2-56HO-D3IM-CR</i>	Model-	<i>YFE3-112L4C-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>200V</i>	Location-	Intake
Blade:		Amps-	<i>10.3A</i>	Guards:	
Number-	<i>3</i>	Hz-	<i>60</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		Airflow		Static Pressure		Airflow			
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt
0.00	39400	694	198.6	9.69	1763	22.3	0	66980	38.0
0.05	37770	693	198.6	9.89	1857	20.3	12.5	64200	34.6
0.10	36050	692	198.6	10.05	1950	18.5	25	61290	31.4
0.15	33770	690	198.5	10.16	2018	16.7	37.5	57410	28.5
0.20	31400	687	198.6	10.26	2088	15.0	50	53380	25.6
0.25	28830	685	198.8	10.40	2160	13.3	62.5	49020	22.7
0.30	26100	684	198.6	10.45	2175	12.0	75	44360	20.4