

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFA2-56HE-D3IM-CR</i>	Model-	<i>YFE3-112L3C-10BX</i>	# Doors-	18 per column
Blade dia.-	<i>56.0"</i>	KW	<i>1.1</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>8.1A</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		Airflow		Static Pressure		Airflow			
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt
0.00	33270	693	198.7	7.54	1290	25.8	0	56560	43.9
0.05	31430	692	198.7	7.65	1342	23.4	12.5	53430	39.8
0.10	29230	690	198.7	7.83	1422	20.6	25	49690	34.9
0.15	27110	688	198.6	7.96	1476	18.4	37.5	46080	31.2
0.20	24810	686	198.6	8.05	1526	16.3	50	42170	27.6
0.25	22050	684	198.6	8.14	1580	14.0	62.5	37480	23.7
0.30	19150	681	198.6	8.17	1597	12.0	75	32550	20.4