

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFE2-50HE-A3PM-CR</i>	Model-	<i>TFE5-100M6-70BXDV</i>	# Doors-	16 per column
Blade dia.-	<i>51.0"</i>	KW	<i>1.1</i>	# Columns-	3
Orifice dia.-	<i>51.6"</i>	RPM-	<i>700</i>	Door length-	17.8"
		Volts-	<i>380-480V</i>	Location-	Intake
Blade:		Amps-	<i>2.5A</i>	Guards:	
Number-	<i>3</i>	Hz-	<i>50/60Hz</i>	Description-	<i>Wire</i>
Shape-	<i>Propeller</i>	Phase-	<i>3</i>	Spacing-	<i>4 concentric</i>
Material-	<i>Poly</i>	S. F.-		Location-	<i>Exhaust</i>
Pitch-	<i>-</i>				
Clearance-	<i>0.3"</i>	Housing:		Discharge Cone:	
		Material-	<i>Fiberglass</i>	Depth-	<i>32.3"</i>
Drive Sheaves:		Intake area-	<i>54"x54"</i>	Minor dia.-	<i>51.8"</i>
Drive dia.-	<i>Direct</i>	Discharge-	<i>51.6"</i>	Major dia.-	<i>61"</i>
Axle dia.-	<i>Drive</i>	Depth-	<i>22.5"</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)	(m³/h)	(m³/h)/Watt			
0.00	29540	700	379.8	2.13	1127	26.2	0	50210	44.6			
0.05	28100	700	379.6	2.19	1178	23.9	12.5	47770	40.6			
0.10	26490	700	380.3	2.24	1216	21.8	25	45030	37.0			
0.15	25260	700	379.7	2.29	1236	20.4	37.5	42950	34.8			
0.20	23140	700	378.9	2.33	1259	18.4	50	39340	31.2			
0.25	20930	700	380.2	2.37	1280	16.3	62.5	35570	27.8			
0.30	18840	700	378.6	2.39	1287	14.6	75	32020	24.9			