

**Fan:**  
 Make- *Eurusfan*  
 Model- *VFA2-56HE-E3IM-CR*  
 Blade dia.- *56.0"*  
 Orifice dia.- *56.6"*

**Blade:**  
 Number- *3*  
 Shape- *Propeller*  
 Material- *Poly*  
 Pitch- *-*  
 Clearance- *0.3"*

**Drive Sheaves:**  
 Drive dia.- *Direct*  
 Axle dia.- *Drive*

**Motor:**  
 Make- *Eurusdrive*  
 Model- *YFE3-100L2B-8BX*  
 KW *1.1*  
 RPM- *705*  
 Volts- *200V*  
 Amps- *6.0A*  
 Hz- *50*  
 Phase- *3*  
 S. F.- *1.15*

**Housing:**  
 Material- *Fiberglass*  
 Intake area- *61.5"x61.5"*  
 Discharge- *56.8"*  
 Depth- *24"*

**Shutter:**  
 Material- *PVC*  
 # Doors- *18 per column*  
 # Columns- *3*  
 Door length- *19.8"*  
 Location- *Intake*

**Guards:**  
 Description- *Wire*  
 Spacing- *4 concentric*  
 Location- *Exhaust*

**Discharge Cone:**  
 Depth- *40"*  
 Minor dia.- *56.8"*  
 Major dia.- *68"*

**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	33250	715	201.0	5.43	1273	26.1	0	56520	44.4	
0.05	31570	713	201.0	5.59	1332	23.7	12.5	53670	40.3	
0.10	29820	711	200.8	5.80	1415	21.1	25	50690	35.8	
0.15	27700	709	200.9	5.93	1477	18.8	37.5	47090	31.9	
0.20	25500	707	201.0	6.13	1550	16.4	50	43350	28.0	
0.25	22570	705	200.9	6.23	1588	14.2	62.5	38380	24.2	
0.30	19450	703	200.8	6.28	1606	12.1	75	33060	20.6	