

Tabla de prestaciones del extractor de aire FRP 56"



Con motor de velocidad variable

Static Pressure (in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	SI Units			
							Static Pressure (Pa)	Airflow (m ³ /hr.)	(m ³ /hr)/W	W/1000m ³ /hr
700 rpm (6.7 VDC)										
0.00	34400	700	381.3	1.94	1232	27.9	0	58400	47.4	21
0.05	32500	700	381.1	2.10	1337	24.3	12	55300	41.4	24
0.10	31200	700	380.3	2.23	1425	21.9	25	53000	37.2	27
0.15	29100	700	378.9	2.35	1491	19.5	37	49400	33.1	30
0.20	26800	701	377.6	2.46	1554	17.3	50	45600	29.3	34
0.25	24500	700	380.3	2.52	1601	15.3	62	41700	26	38
0.30	22100	701	379.9	2.55	1618	13.7	75	37500	23.2	43
0.35	17300	701	380.5	2.48	1584	10.9	87	29300	18.5	54
0.40	10100	701	381.3	2.40	1530	6.6	100	17100	11.2	89
585 rpm (5.5 VDC)										
0.00	27700	583	380.2	1.19	739	37.5	0	47100	63.7	16
0.05	25500	582	379.9	1.29	809	31.6	12	43400	53.6	19
0.10	23000	582	379.9	1.38	862	26.7	25	39100	45.3	22
0.15	20000	582	379.8	1.44	897	22.3	37	33900	37.8	26
0.20	16700	583	379.8	1.43	897	18.6	50	28400	31.6	32
0.25	9700	582	380.0	1.36	857	11.4	62	16500	19.3	52
0.30	4400	582	380.0	1.35	844	5.2	75	7500	8.9	112
485 rpm (4.6 VDC)										
0.00	22000	486	381.1	0.74	457	48.1	0	37300	81.7	12
0.05	18900	487	381.1	0.81	510	37.0	12	32100	62.9	16
0.10	15300	485	381.1	0.83	510	30.1	25	26100	51.1	20
0.15	10600	485	381.1	0.82	510	20.8	37	18000	35.3	28
0.20	4200	485	381.1	0.80	492	8.5	50	7100	14.4	70
385 rpm (3.7 VDC)										
0.00	15400	385	381.9	0.42	247	62.5	0	26200	106.1	9
0.05	11400	385	381.9	0.45	264	43.0	12	19300	73.1	14
0.10	5900	385	381.8	0.45	264	22.3	25	10000	37.9	26
0.13	1200	385	382.0	0.42	247	4.9	32	2100	8.4	119
285 rpm (2.8 VDC)										
0.00	9300	285	379.8	0.21	106	87.3	0	15700	148.3	7
0.05	3600	285	379.8	0.21	123	29.4	12	6100	49.9	20
0.06	1700	285	379.8	0.21	106	16.3	15	2900	27.7	36
200 rpm (1.8 VDC)										
0.00	4600	201	379.9	0.05	53	85.9	0	7700	146	7
0.02	1500	201	379.8	0.05	53	28.6	5	2600	48.5	21

Con motor de velocidad fija

Static Pressure (in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	SI Units			
							Static Pressure (Pa)	Airflow (m ³ /hr.)	(m ³ /hr)/W	W/1000 m ³ /hr
0.00	36200	728	380.2	4.71	1637	22.1	0	61500	37.6	27
0.05	34300	726	380.3	4.82	1730	19.8	12	58300	33.7	30
0.10	32700	724	380.2	4.93	1814	18.0	25	55600	30.7	33
0.15	30900	722	380.2	5.03	1901	16.2	37	52400	27.6	36
0.20	28800	720	380.2	5.12	1970	14.6	50	48900	24.8	40
0.25	26800	718	380.2	5.18	2023	13.3	62	45600	22.5	44
0.30	24200	718	380.2	5.23	2058	11.7	75	41100	19.9	50
0.35	20200	718	380.2	5.21	2049	9.9	87	34400	16.8	60
0.40	11700	721	380.2	5.04	1925	6.1	100	19900	10.3	97
0.50	3500	724	380.2	5.07	1950	1.8	125	5900	3	329
0.54	1000	720	380.2	5.06	1944	0.5	134	1700	0.9	1123
0.56	0	720	380.2	5.08	1955	0.0	139	0	0	-