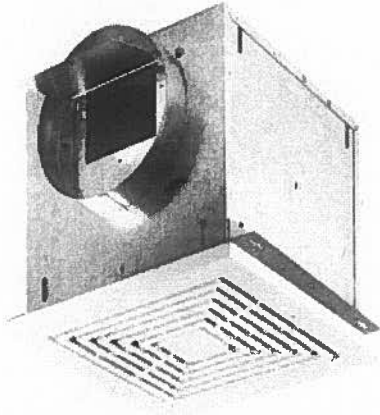


CFA-RA
CEILING & INLINE

- Air Volume: 10 - 1578 cfm
- Maximum SP: 1" wg. @ standard air density

FEATURES & BENEFITS

- Extremely quiet operation.
- Acoustically insulated housing.
- Integral back draft damper.
- Easily removable blower assembly.
- Resilient anti-vibration mounts isolate motor for smooth operation.
- Thermally protected fan motor.
- 120V, 240V, and 277V available.
- Integral plug type disconnect.
- Eight position mounting bracket included.
- Can be ceiling or wall mounted.

OPTIONS

- Variable Speed Control.
- Time Delay Switch.
- Inline Kit.
- UL Rated Radiation Damper.
- Square to Round Discharge Transition (Size 400 and Larger).
- Metal Grille (Standard on size 400 and Larger).
- Brick Vents.
- Roof and Wall Caps.

CERTIFICATIONS

Rupp Air certifies that Model CFA100RA thru CFA1500RA shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and Publication 311, and comply with the requirements of the AMCA Certified Rating Program.

UL Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.

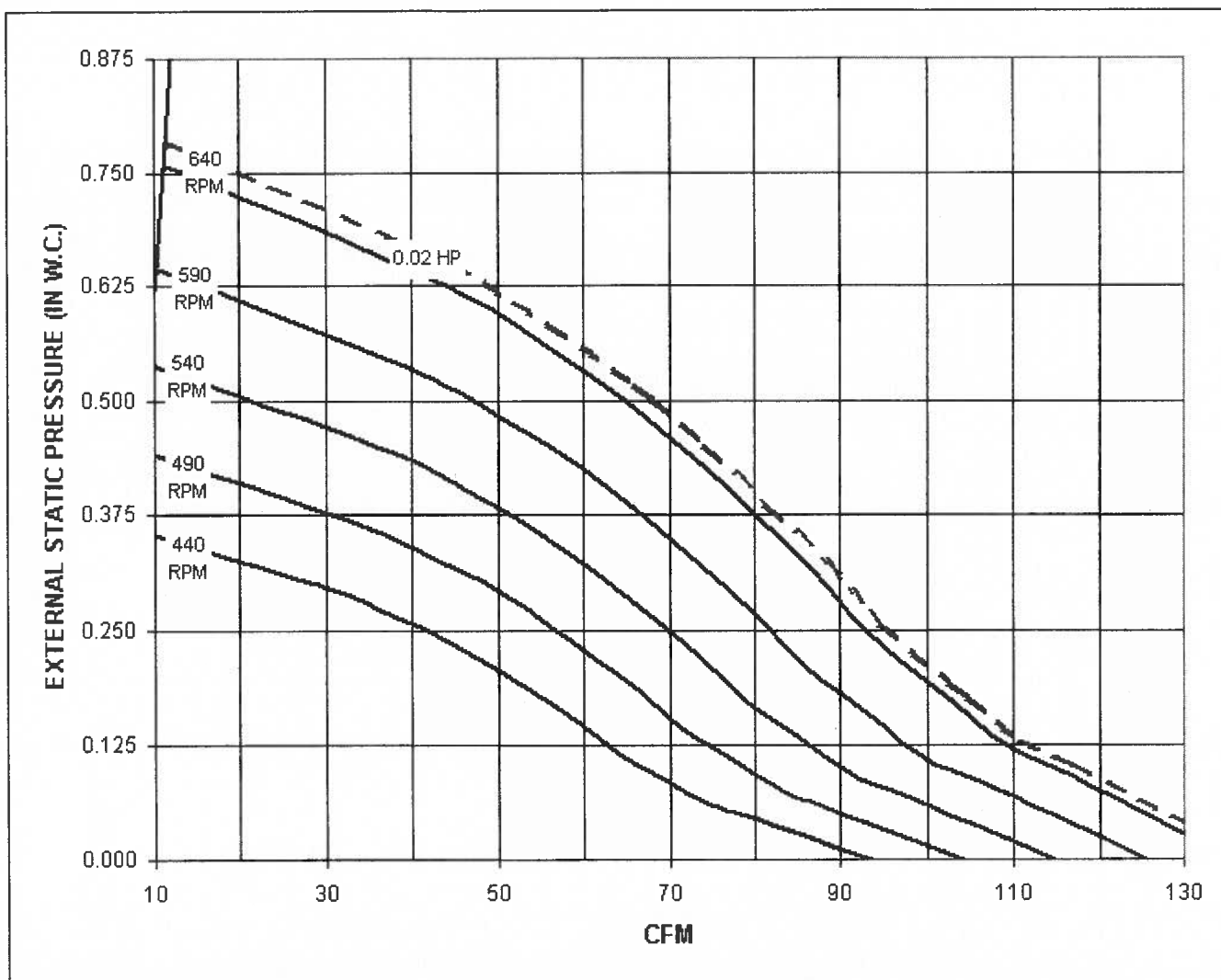


Catalog #109
July 2004

Model	Nominal Voltage	Max AMPs @ 60 Hz	WATTS	Hor Vert	Ps - inches of H2O										RPM @.125"		
					0.0" Ps	.10" Ps	.125" Ps	.250" Ps	.375" Ps	.50" Ps	.625" Ps	.750" Ps	.875" Ps	1.0" Ps			
CFA100RA	120 VAC	1.0	88	CFM Hor	136	115	109	93	80	65	44	12				640	
				Sones Hor	0.5	0.8	0.9	1.3	1.8	2.3	3.0	3.2					
				CFM Vert	138	117	112	98	80	67	46	13					650
				Sones Vert	0.7	0.9	1.0	1.3	1.8	2.2	2.8	3.0					
CFA150RA	120 VAC	1.2	96	CFM Hor	181	161	157	141	132	124	114	94	62			710	
				Sones Hor	1.3	1.4	1.5	2.2	2.6	3.1	3.6	4.1	4.6				
				CFM Vert	179	163	160	149	142	133	122	105	73	23		750	
				Sones Vert	1.4	1.6	1.6	2.0	2.5	3.0	3.3	3.6	3.9	4.2			
CFA200RA	120 VAC	1.6	124	CFM Hor	231	214	210	196	186	177	165	144	113	51		740	
				Sones Hor	1.6	1.8	1.7	2.3	2.9	3.5	4.1	4.9	5.3	5.3			
				CFM Vert	224	210	207	197	187	179	167	144	99	41		760	
				Sones Vert	1.5	1.8	2.0	2.3	2.7	3.4	4.0	4.5	5.1	5.2			
CFA250RA	120 VAC	2.0	160	CFM Hor	272	261	259	250	242	233	218	201	165	99		830	
				Sones Hor	2.1	2.3	2.2	2.9	3.3	3.9	4.4	4.8	5.5	5.8			
				CFM Vert	269	261	259	253	248	239	224	203	171	101		860	
				Sones Vert	2.3	2.6	2.7	3.0	3.3	3.7	4.2	4.7	5.4	5.6			
CFA300RA	120 VAC	2.6	204	CFM Hor	312	309	308	303	296	287	273	254	219	125		935	
				Sones Hor	2.3	2.6	2.7	3.0	3.3	3.7	4.2	4.7	5.4	5.6			
				CFM Vert	319	314	313	306	299	288	274	251	219	120		950	
				Sones Vert	2.6	2.9	3.0	3.4	3.6	3.9	4.4	4.7	5.0	5.5			
CFA400RA	120 VAC	1.3	137	CFM Hor	480	442	434	388	344	299	229	182	114	33		735	
				Sones Hor	2.0	2.4	2.3	2.8	3.3	3.8	4.5	4.8	5.4	5.6			
				CFM Vert	467	428	416	378	335	291	237	170	85	8		755	
				Sones Vert	2.3	2.6	2.6	3.0	3.5	4.0	5.1	5.5	5.7	5.9			
CFA500RA	120 VAC	2.0	207	CFM Hor	538	520	514	491	463	434	389	339	282	186		810	
				Sones Hor	3.0	3.1	3.3	3.6	4.0	4.4	5.0	5.7	6.2	6.7			
				CFM Vert	539	517	512	481	451	418	367	319	247	137		865	
				Sones Vert	2.9	3.1	3.2	3.4	3.8	4.2	4.8	5.9	6.3	6.4			
CFA700RA	120 VAC	2.7	298	CFM Hor	722	704	701	667	640	607	571	534	453	333		960	
				Sones Hor	4.5	4.6	4.7	4.8	5.0	5.2	5.6	6.2	7.1	7.2			
				CFM Vert	708	691	687	658	628	597	560	515	444	312		985	
				Sones Vert	5.2	5.0	5.0	5.7	5.8	6.1	6.4	7.4	7.1	7.6			
CFA900RA	120 VAC	2.5	261	CFM Hor	918	905	901	877	842	793	725	636	536	390		650	
				Sones Hor	3.8	4.0	4.1	4.0	4.2	4.3	4.4	4.9	4.5	5.3			
				CFM Vert	909	892	885	850	807	756	695	568	440	282		675	
				Sones Vert	3.8	3.4	3.4	3.5	3.6	3.7	3.9	4.2	4.3	4.4			
CFA1500RA	120 VAC	4.4	436	CFM Hor	1578	1526	1513	1438	1371	1285	1198	1103	1000	816		955	
				Sones Hor	8.6	8.4	8.4	8.1	7.5	7.0	6.7	6.2	5.8	5.8			
				CFM Vert	1590	1519	1502	1423	1340	1259	1176	1069	954	689		955	
				Sones Vert	8.5	8.4	8.4	8.1	7.9	7.5	7.2	7.1	6.9	6.5			

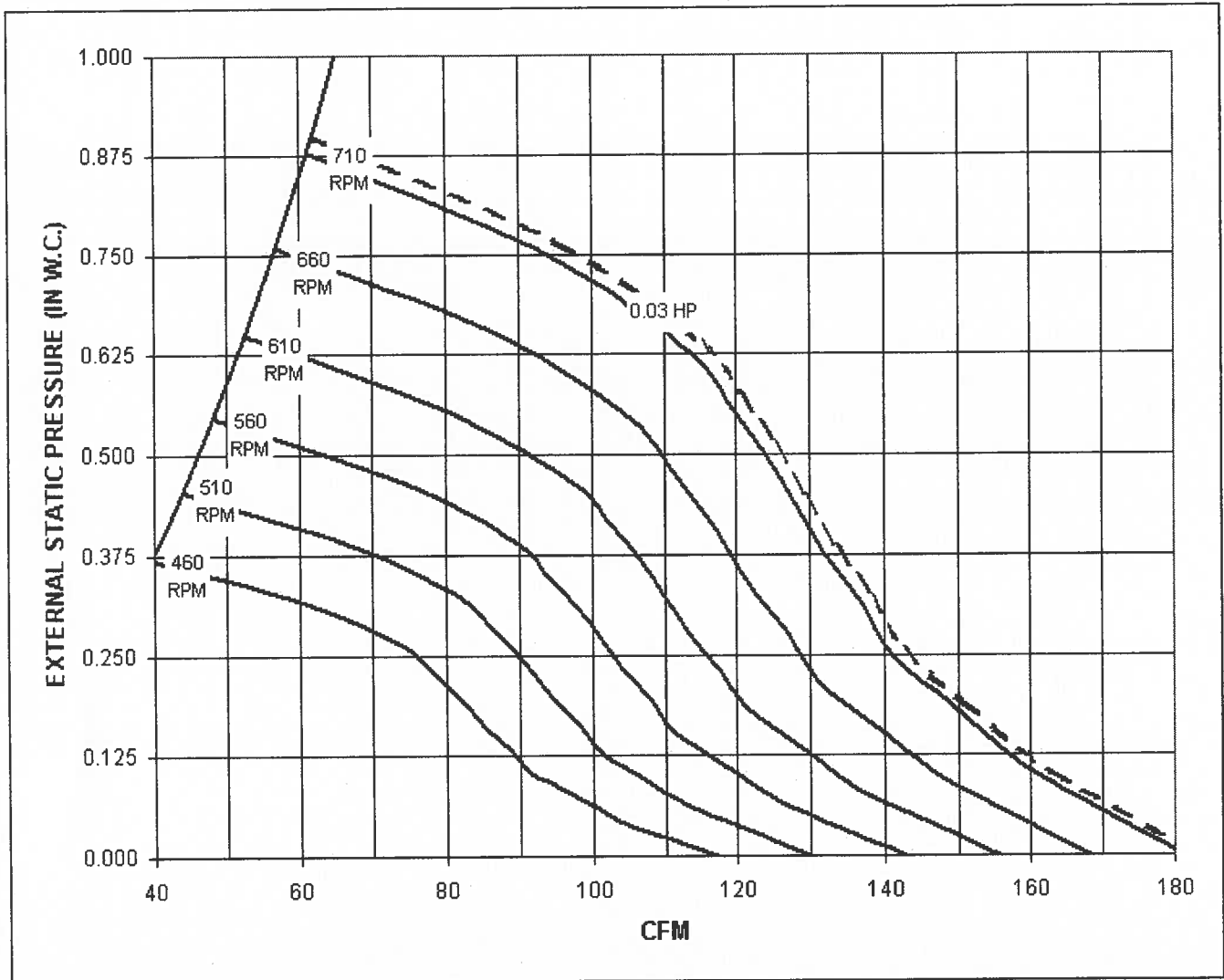
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The Sound Ratings shown are loudness values in fan sones at 5ft. (1.5m) in a hemispherical free field calculated per AMCA Standards 301. Values shown are for Installation Type B: Free inlet fan sone levels. The AMCA Certified Ratings Sound Seal applies to Sone Ratings only.

CFA 100RA Performance Curve



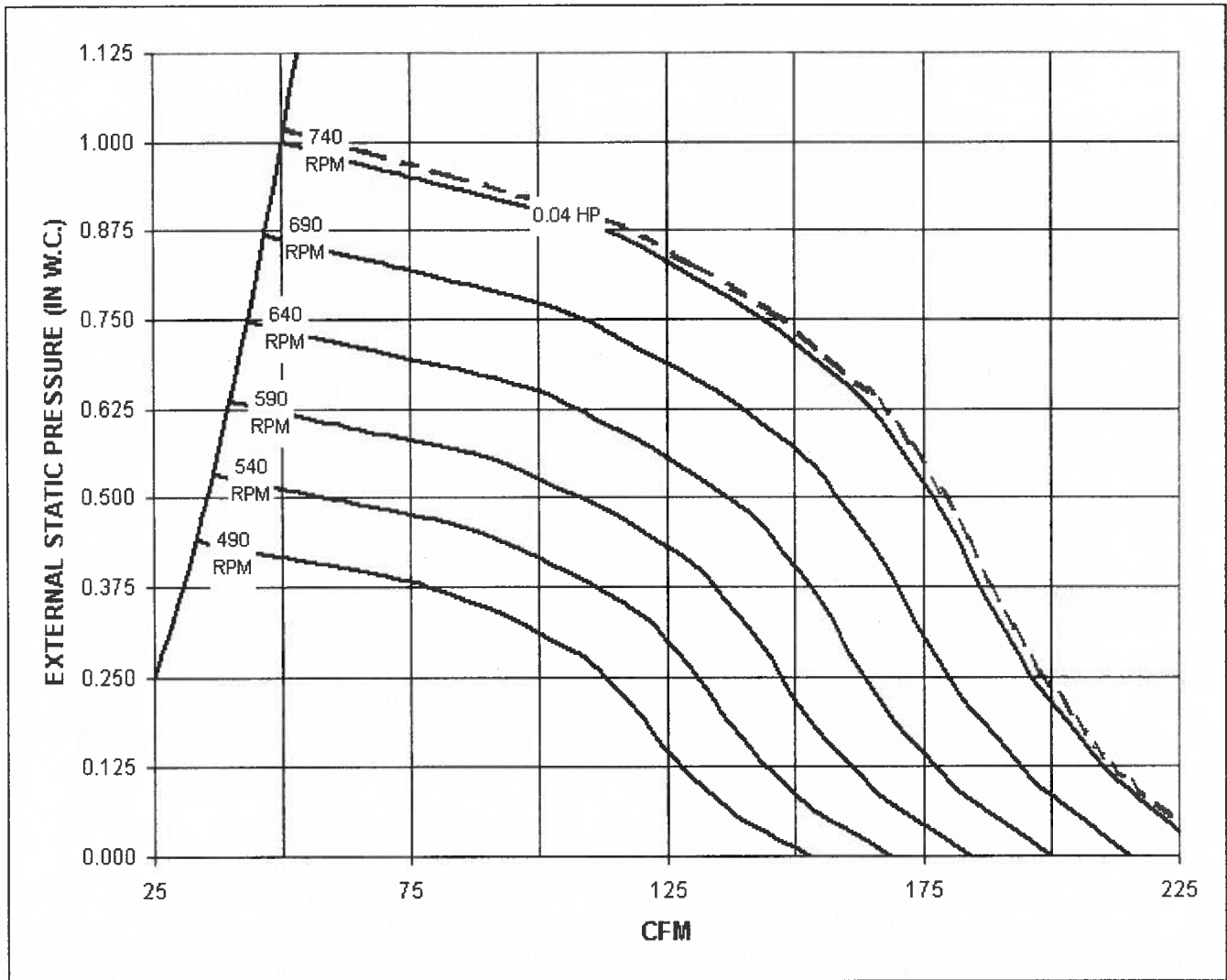
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 150RA Performance Curve



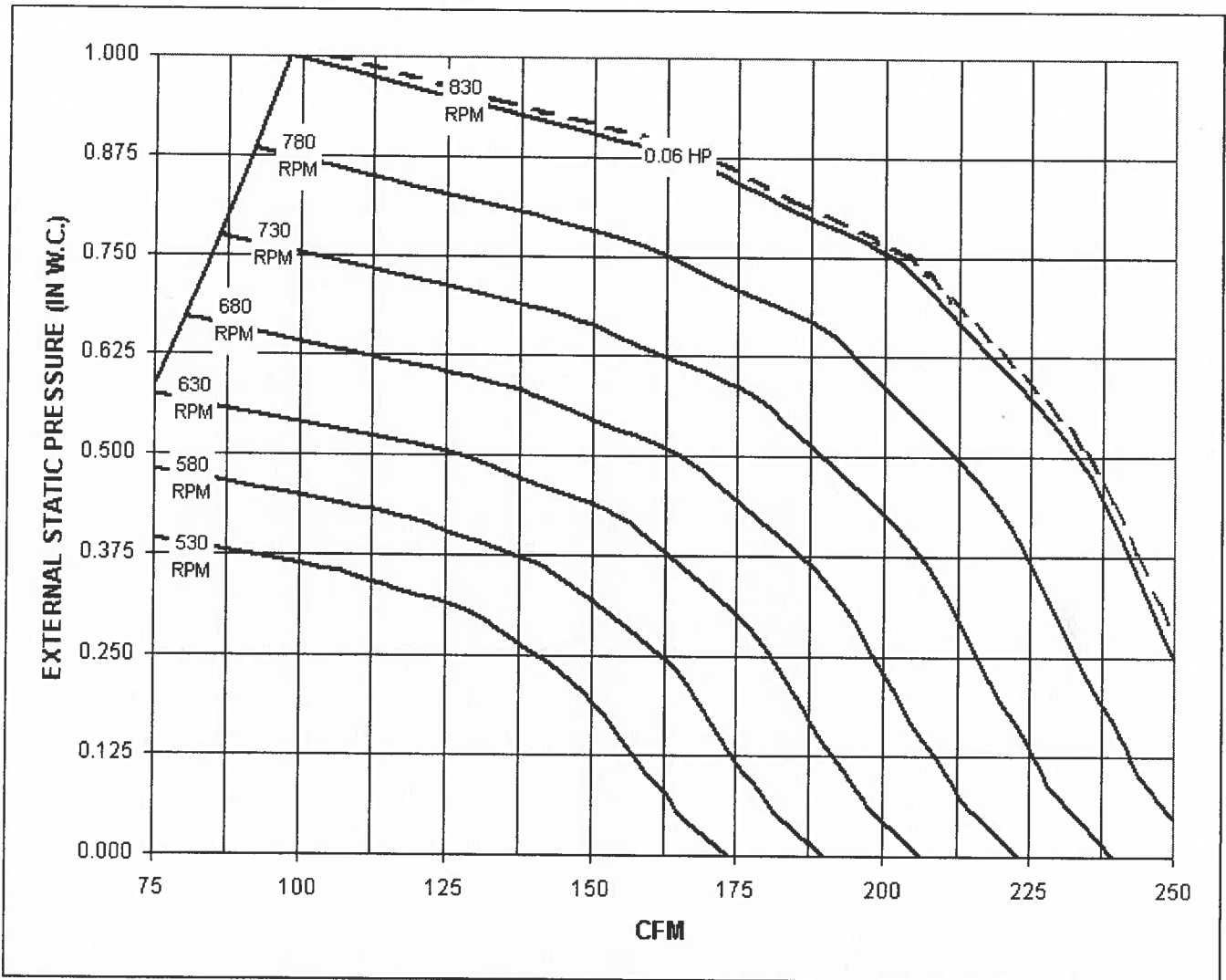
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 200RA Performance Curve



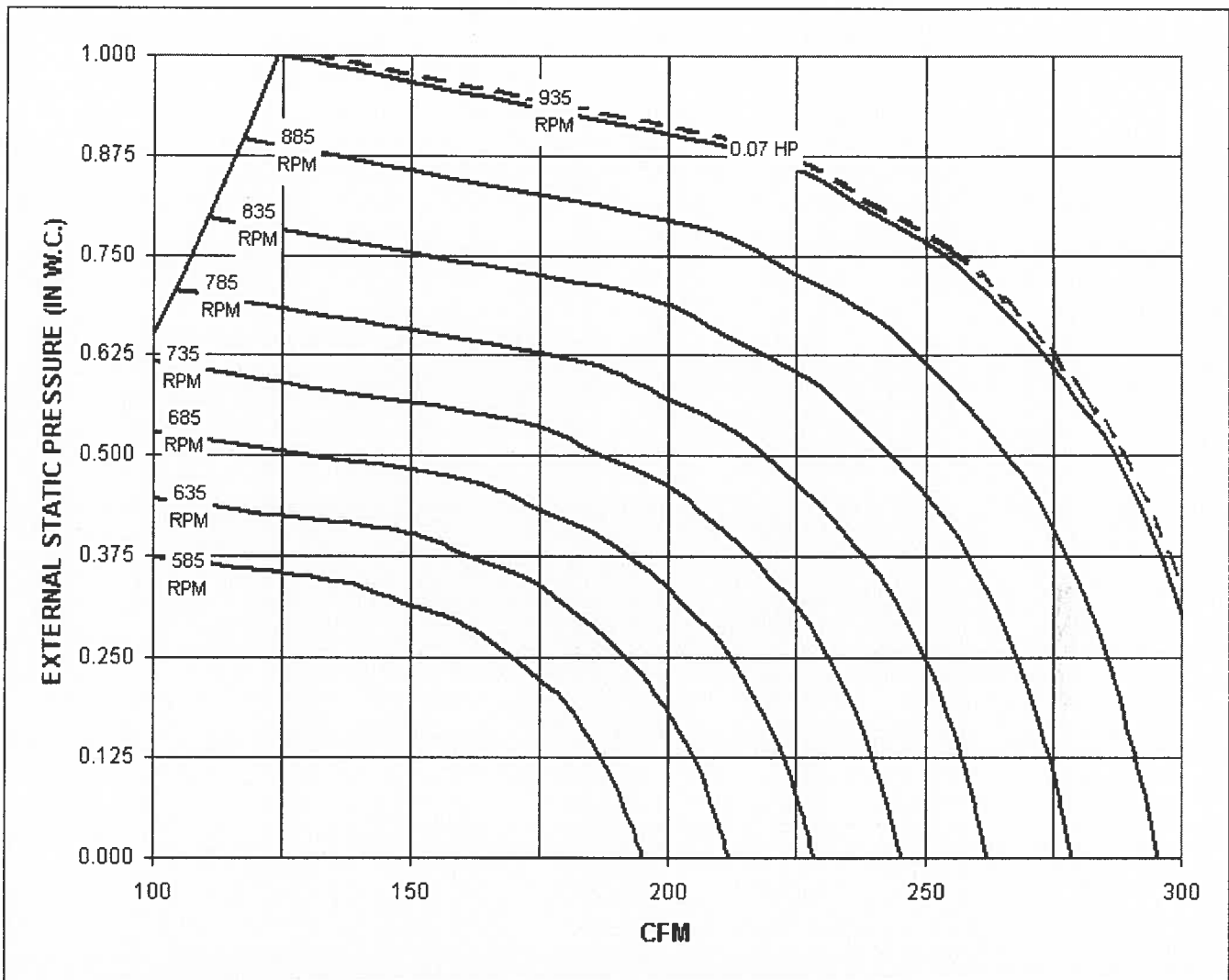
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 250RA Performance Curve



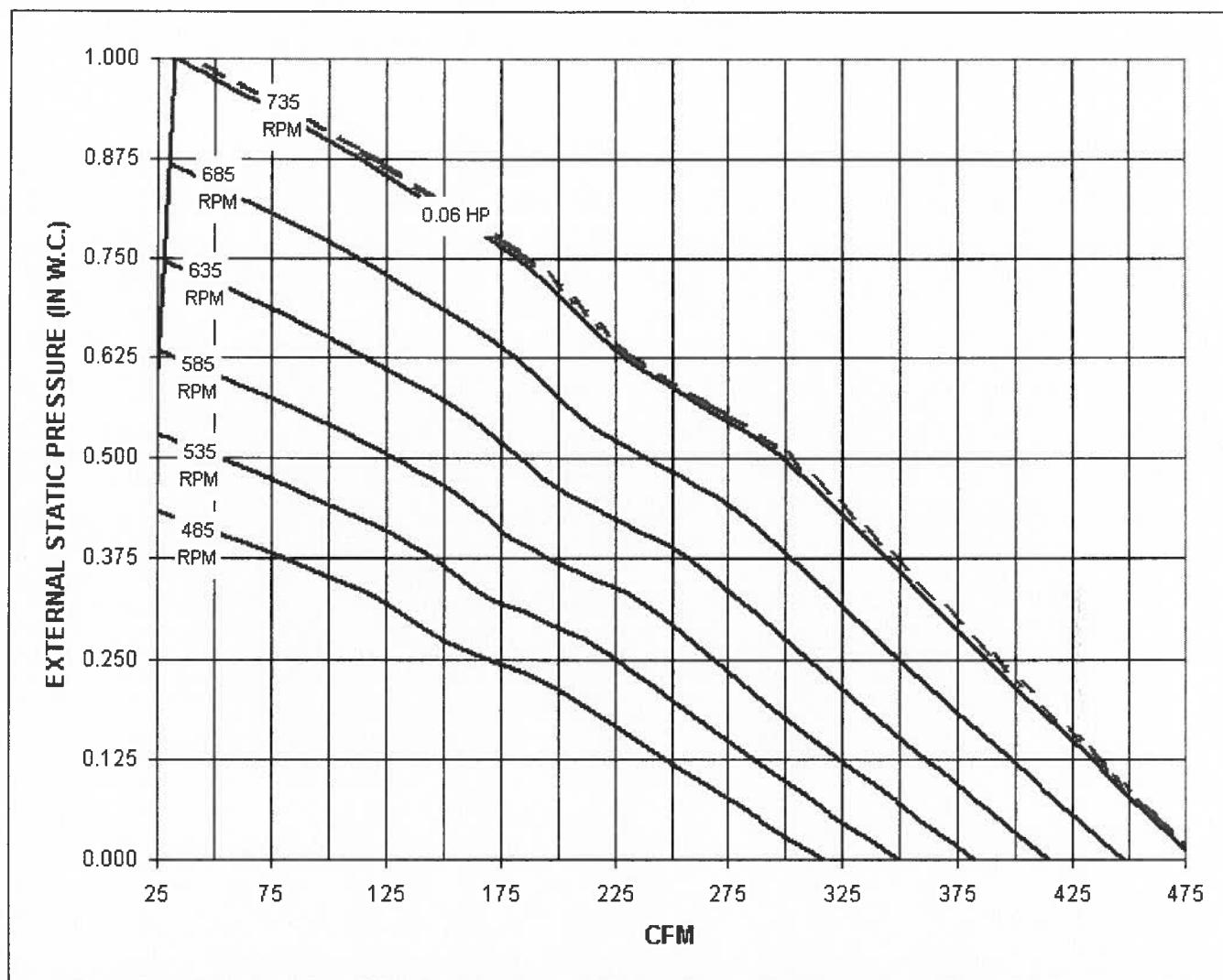
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 300RA Performance Curve



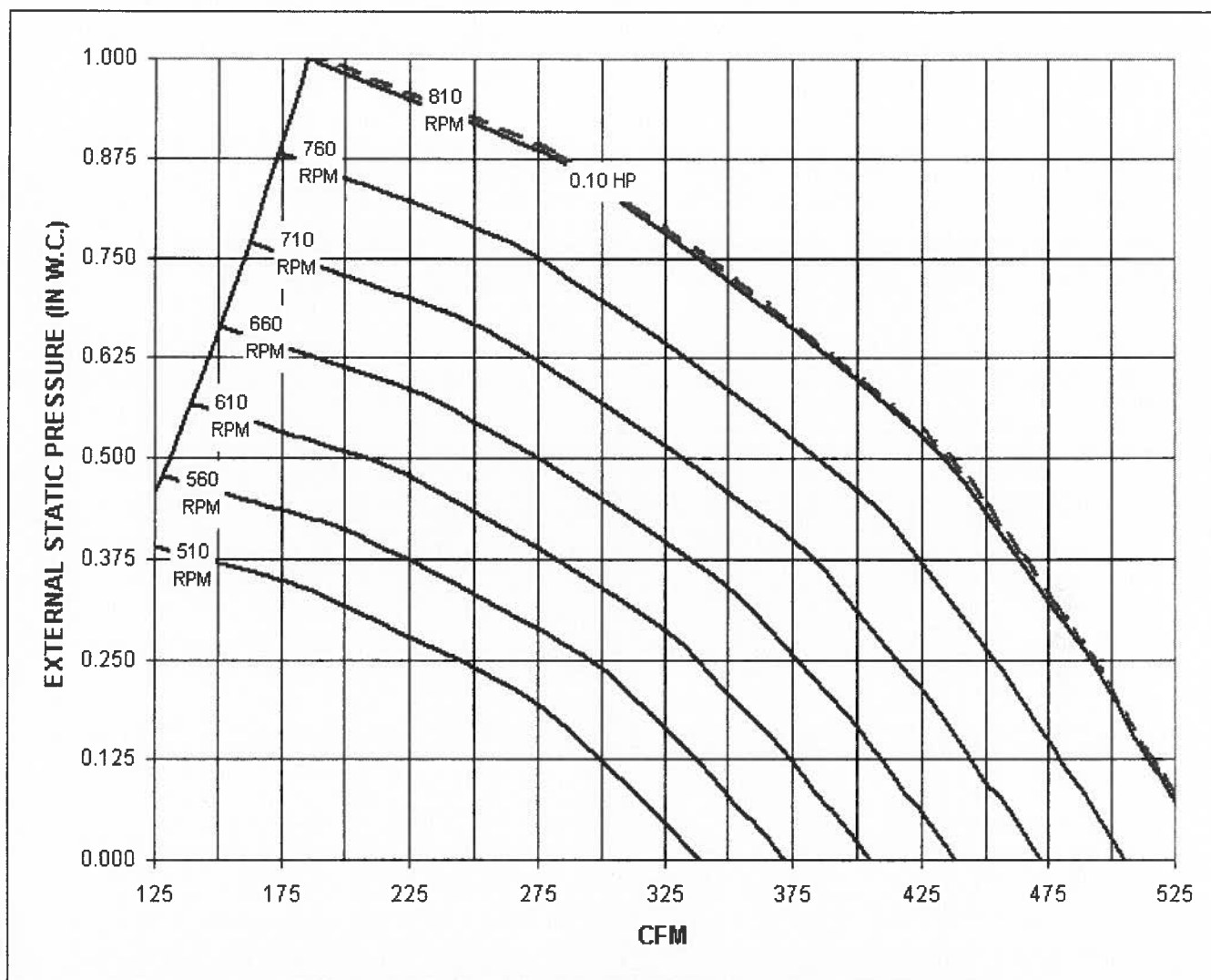
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 400RA Performance Curve



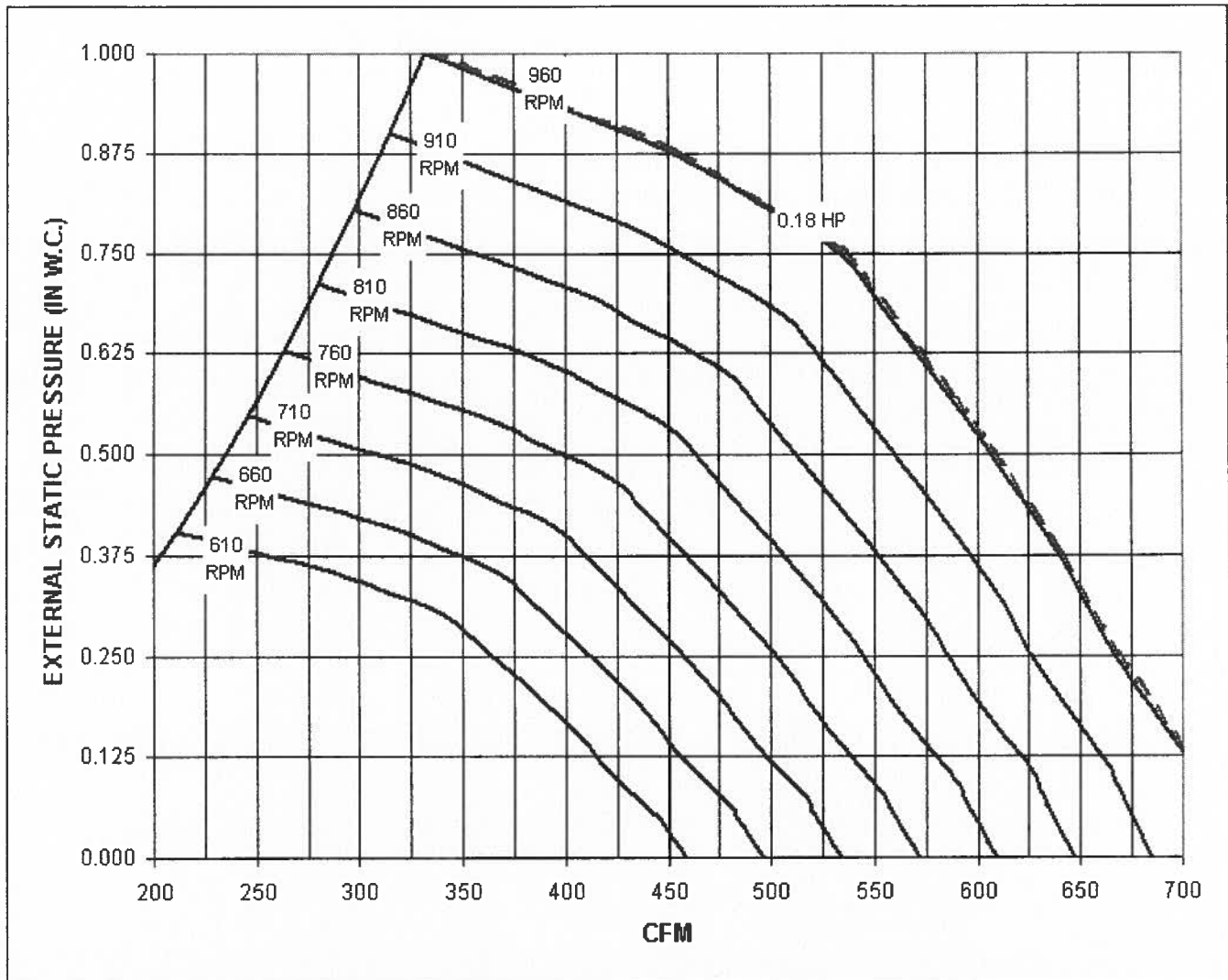
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 500RA Performance Curve



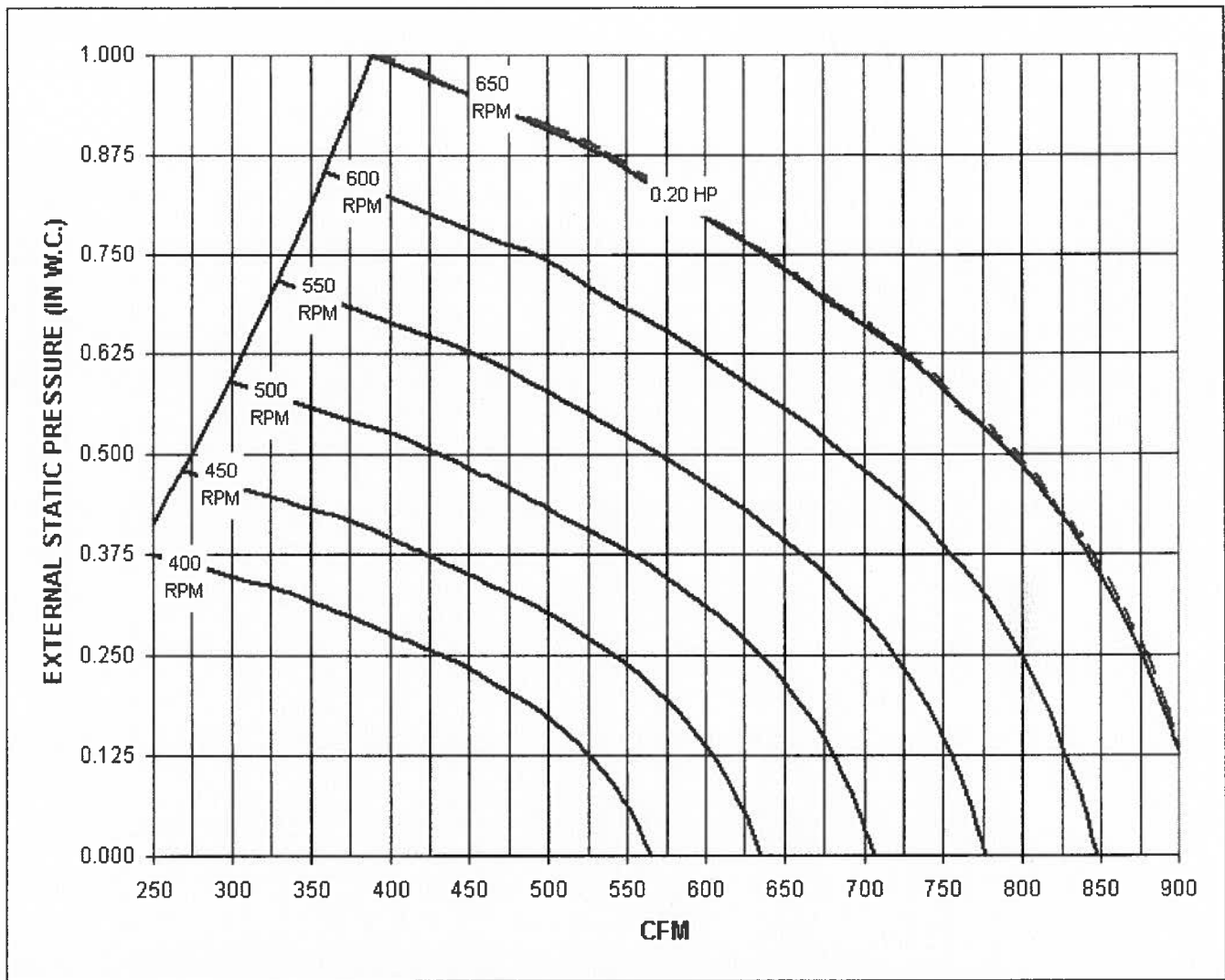
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 700RA Performance Curve



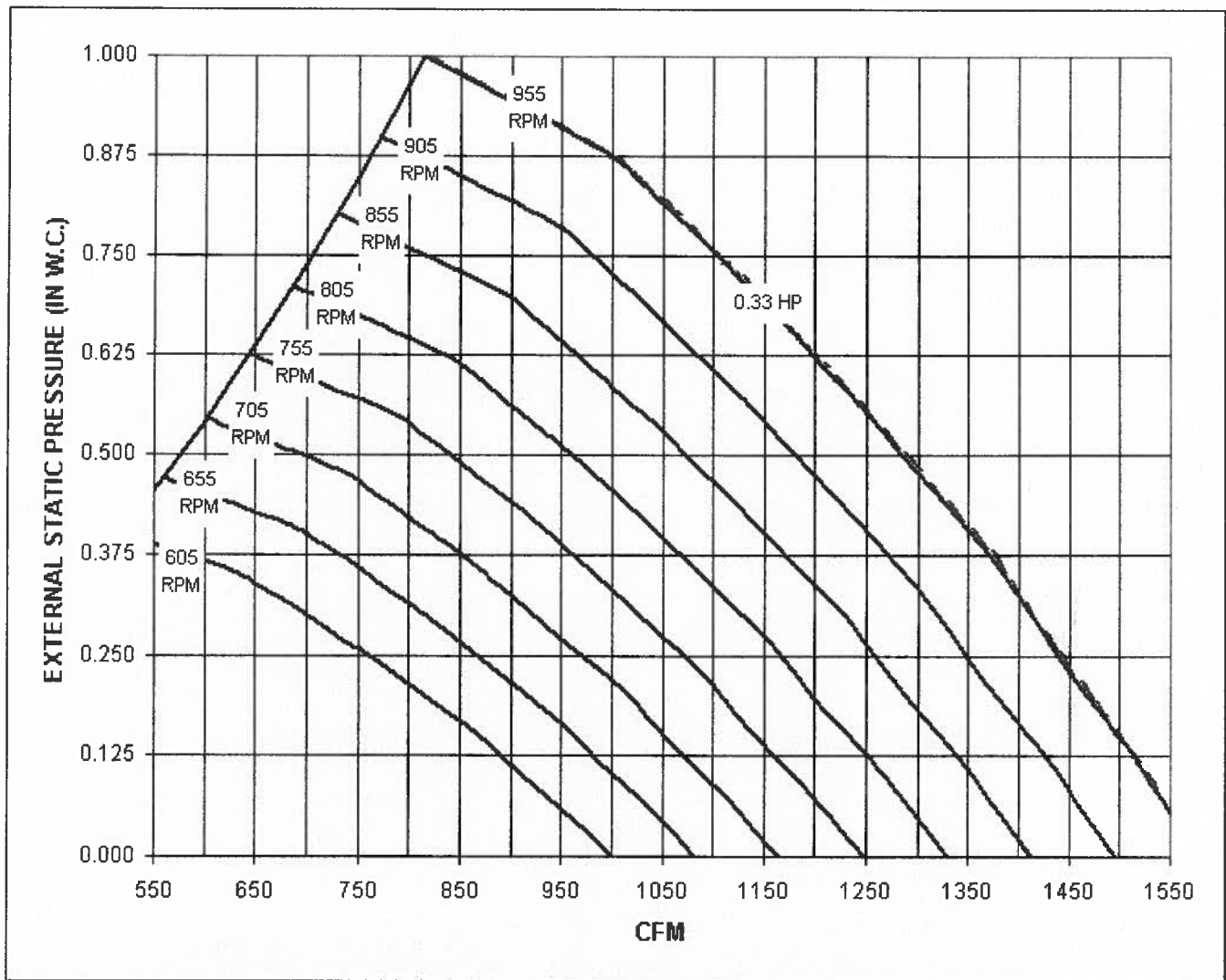
Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA 900RA Performance Curve



Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

CFA1500RA Performance Curve



Performance shown is for installation type B Free inlet, Ducted outlet. Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test.