

**DDAR-RA**  
**AXIAL DOWNBLAST DIRECT DRIVE FANS**

- Air Volume: 2 - 2400 cfm
- Maximum SP: 1.5" wg. @ standard air density

Axial Direct Drive Fans are the perfect low cost exhaust choice in the areas that have little or no ductwork, and thus, relatively low to moderate resistance.

**FEATURES & BENEFITS**

- Spun aluminum housing for rust-free weather resistant durability
- Propellers constructed with die formed blades riveted to a steel hub
- Can be roof or wall mounted
- Standard bird screen
- Wire conduit to provide a clear channel for electrical connections
- Emergency Disconnect Switch

**OPTIONS**

- Gravity Damper.
- Motorized Damper.
- Wall Mount Sleeve.
- Roof Curb.

**CERTIFICATIONS**

Rupp Air certifies that Model DDAR10RA thru DDAR18RA 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 comply with the requirements of the AMCA Certified Rating Program.

Models DDAR10RA thru DDAR18RA are ETL Listed under file number 3049729-002 and comply with UL705 (electrical) Standards and CSA Std C22.2, No 113.



Catalog #109R  
July 2004

► **DDAR-RA Sizes - Axial Downblast Direct Drive Fans**

Select one of the models listed below to see its performance data.

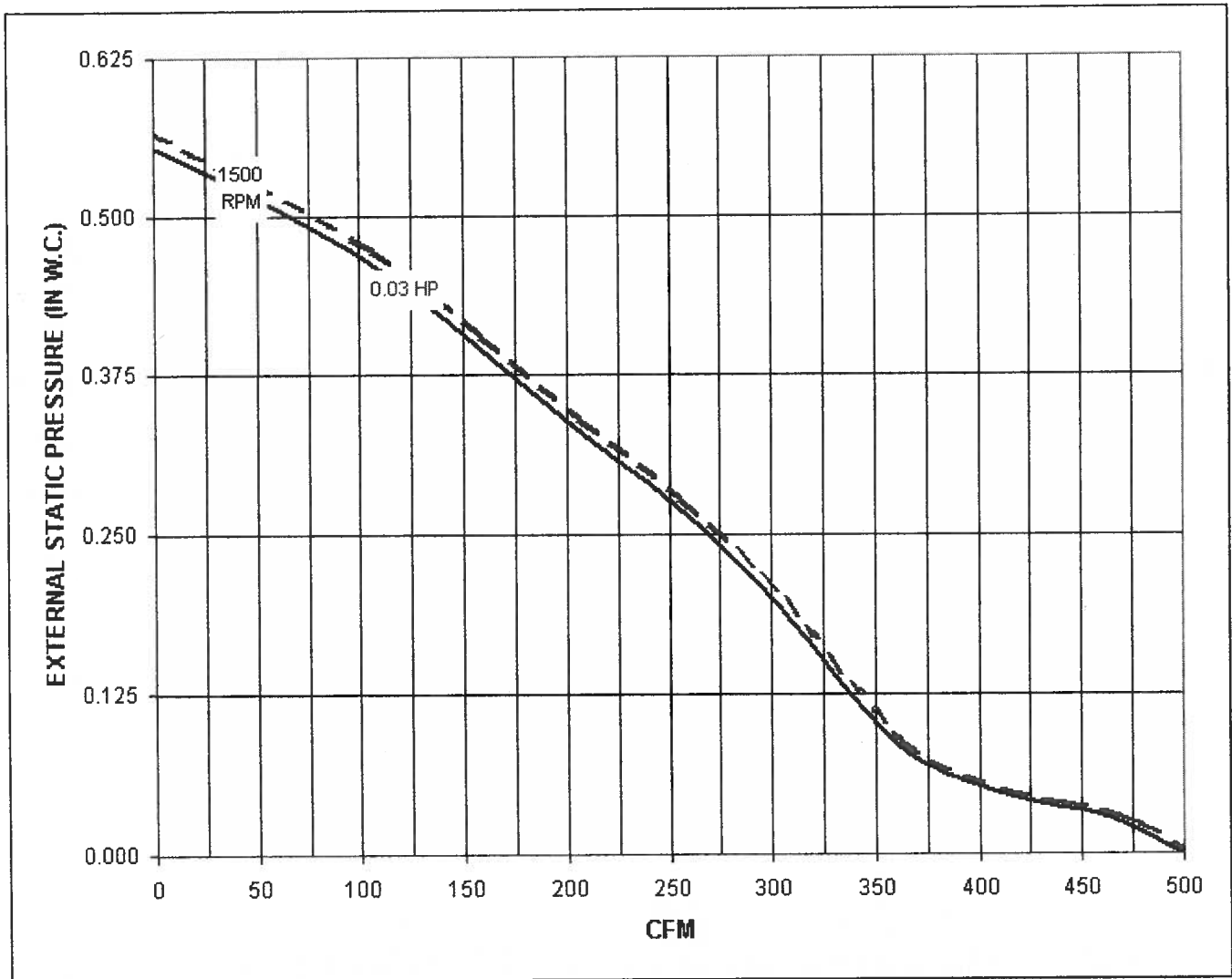


DDAR10RA  
DDAR12RA  
DDAR14RA  
DDAR18RA

Model	Motor HP	RPM	TS	Static Pressure in Inches W.G.									
				0.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1.125
DDAR10RA	1/30	1500	3927	500	339	267	173	63					
DDAR12RA	1/10	1500	4712	830	710	620	522	436	357	270	175	78	
DDAR14RA	1/6	1100	4032	1160	899	786	646	521	384	236			
DDAR18RA	1/3	1100	5184	2400	2034	1628	1491	1293	1084	881	662	433	176

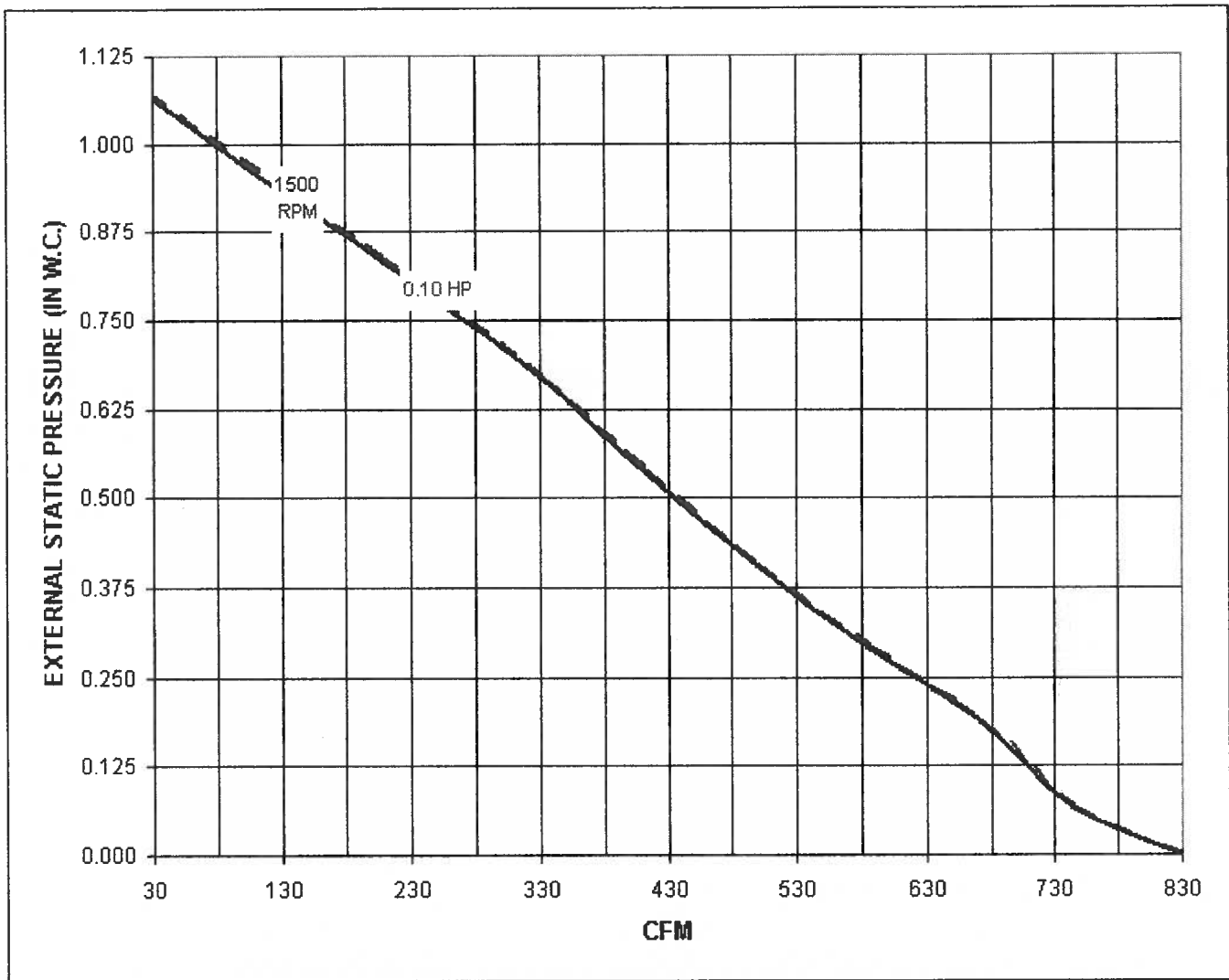
Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

**DDAR10RA Performance Curve**



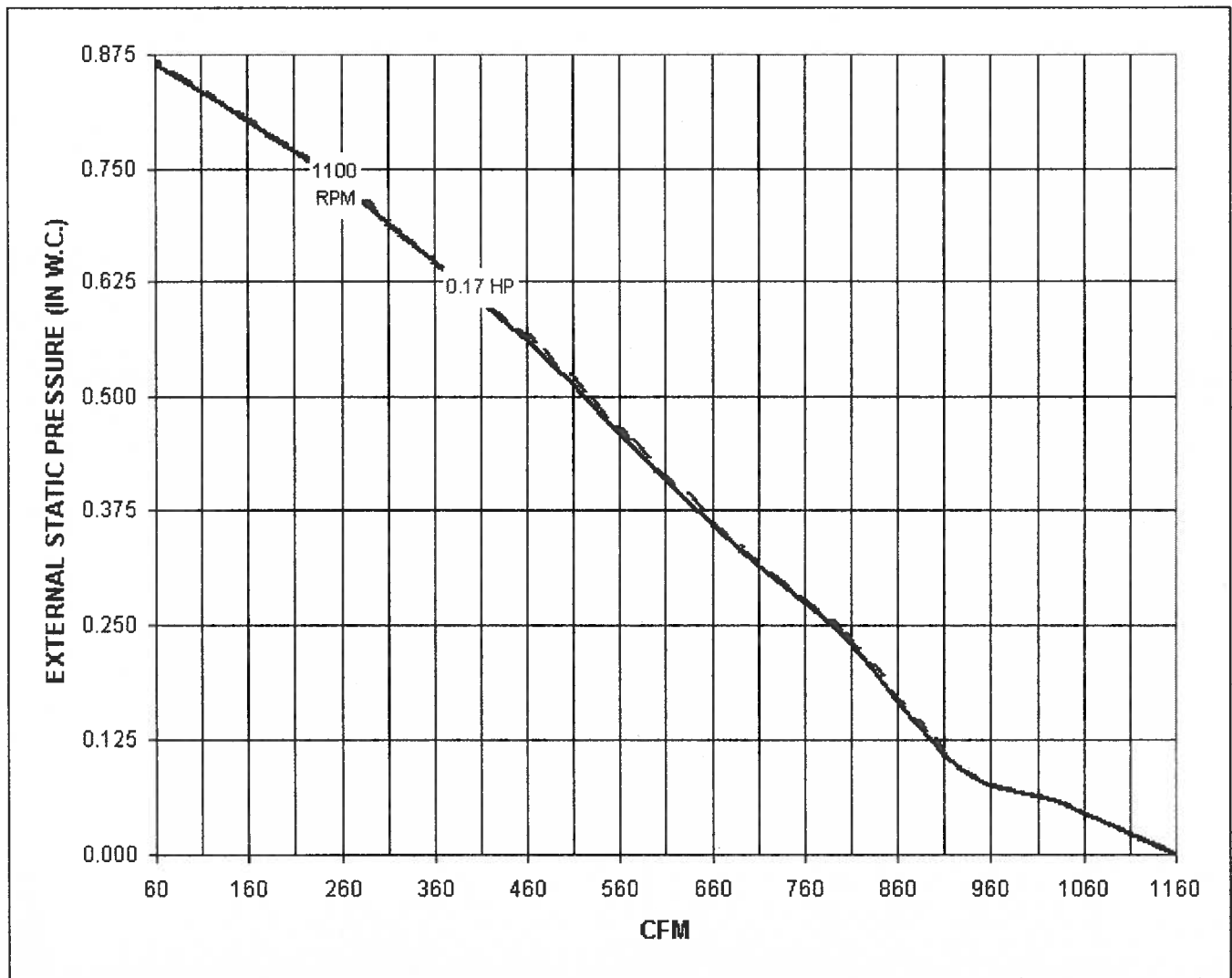
Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

**DDAR12RA Performance Curve**



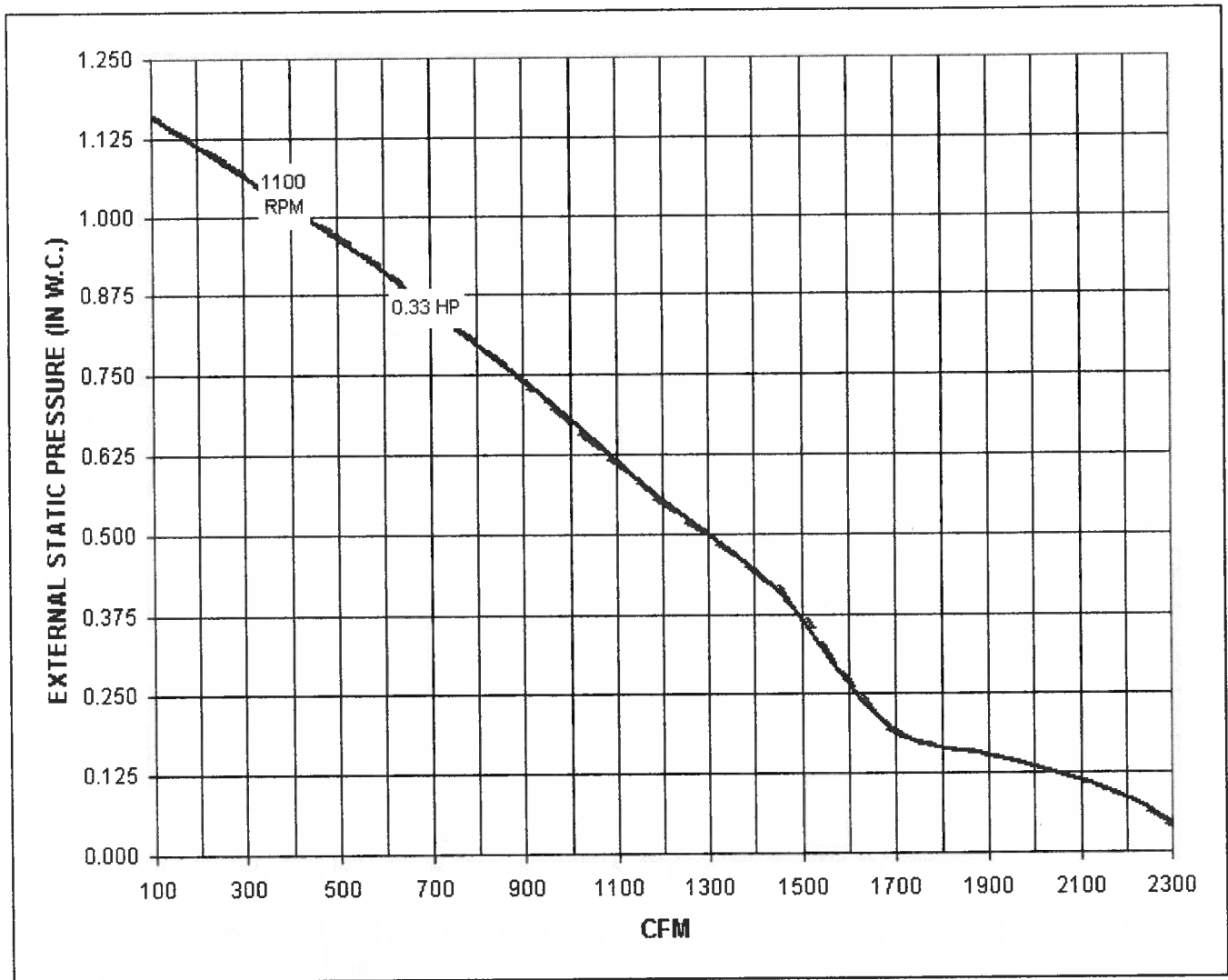
Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

**DDAR14RA Performance Curve**



Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.

**DDAR18RA Performance Curve**



Performance shown is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances in the airstream. Power rating (BHP) does not include drive losses.