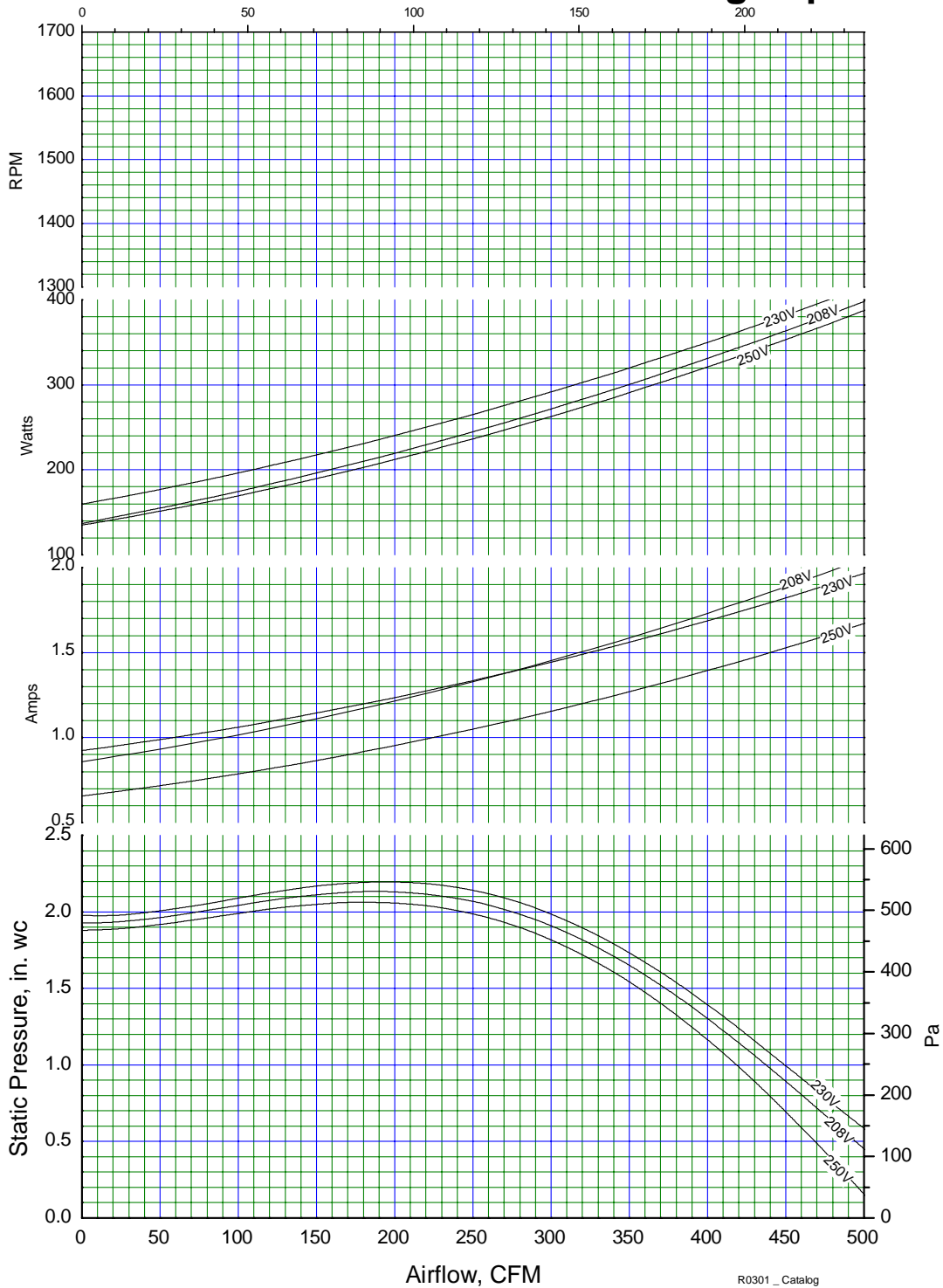


Wheel: FC950-200D  
 Housing: 950M  
 Motor: 1/3 HP, 1700 RPM (Dayton Model 9DM89)  
 Equip: M1218+AC  
 Supply: Metal duct, 7" dia., 5 feet to tee, then horseshoe configuration  
 Return: UPC-104-1218 (12" flex) connected to UPC-01-1218 (14 x 20" filter) with two 90° bends  
 Temperature: 66.2°F dry bulb

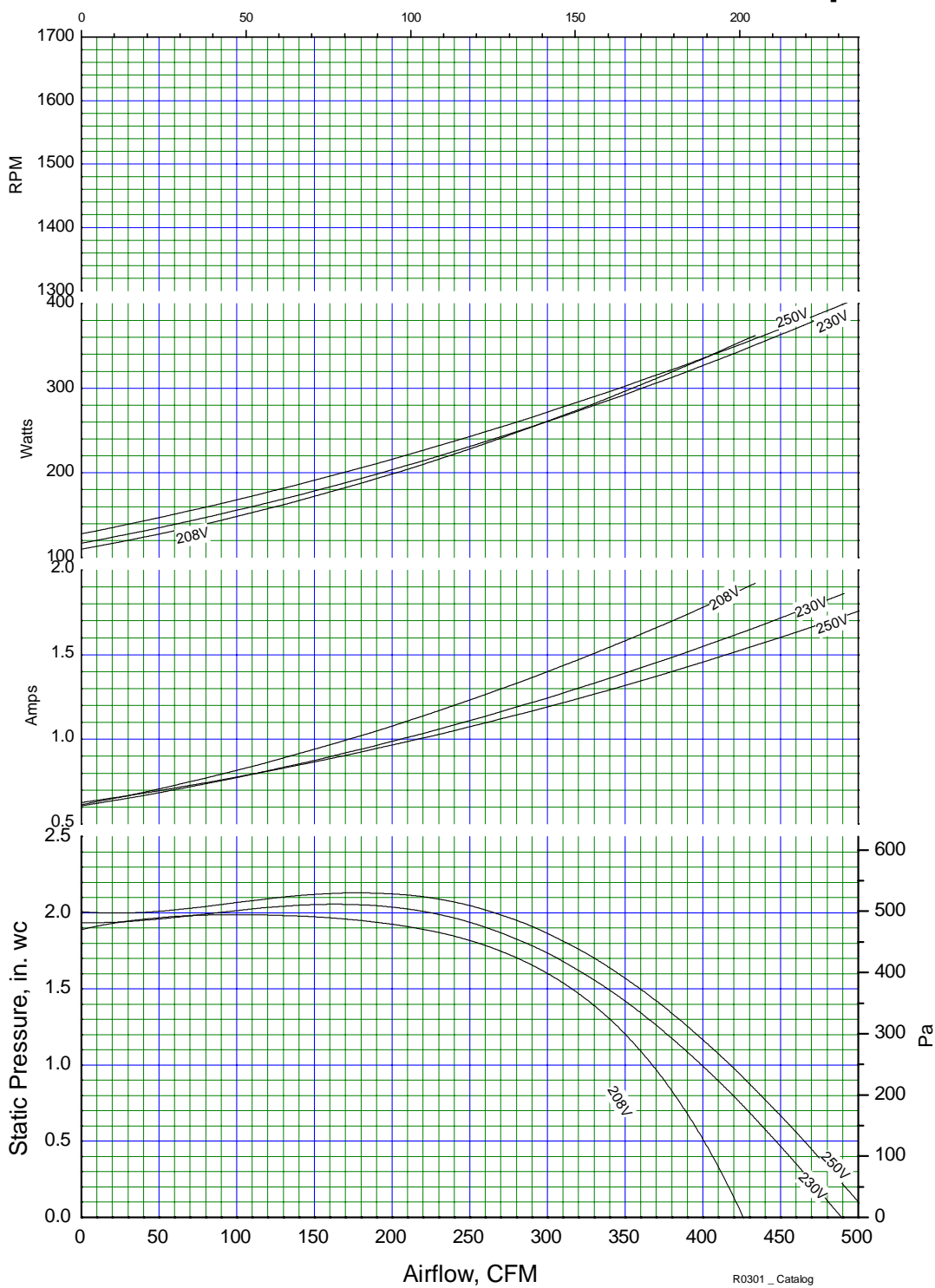
## M1218 60Hz High Speed



R0301\_Catalog  
 Graph1  
 1/15/2003  
 Tested by: J. Riley  
 Approved by: C. Messmer

Wheel: FC950-200D  
 Housing: 950M  
 Motor: 1/3 HP, 1700 RPM (Dayton Model 9DM89)  
 Equip: M1218+AC  
 Supply: Metal duct, 7" dia., 5 feet to tee, then horseshoe configuration  
 Return: UPC-104-1218 (12" flex) connected to UPC-01-1218 (14 x 20" filter) with two 90° bends  
 Temperature: 66.2°F dry bulb

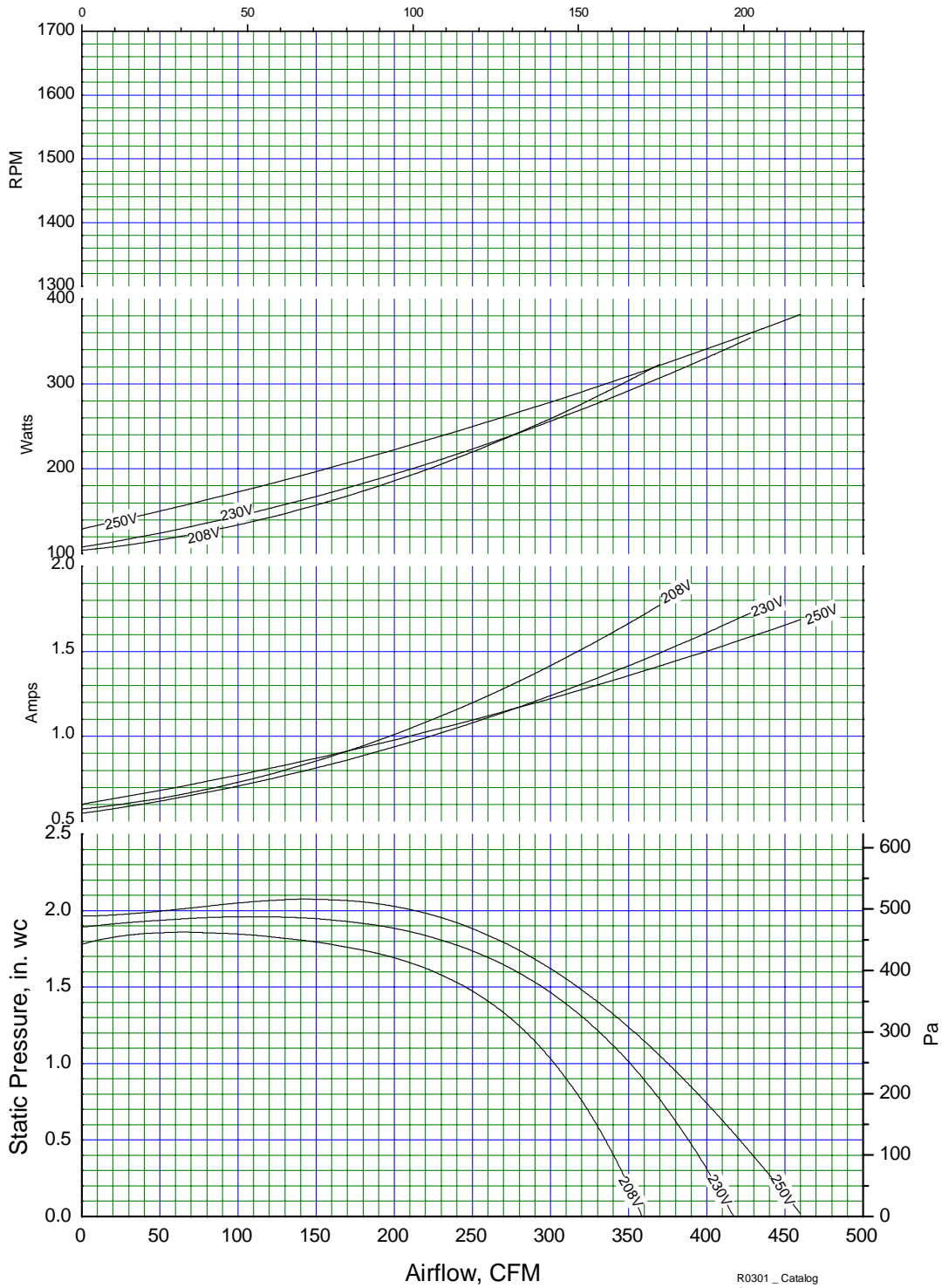
# M1218 60Hz Medium Speed



R0301\_Catalog  
 Graph3  
 1/15/2003  
 Tested by: J. Riley  
 Approved by: C. Messmer

Wheel: FC950-200D  
 Housing: 950M  
 Motor: 1/3 HP, 1700 RPM (Dayton Model 9DM89)  
 Equip: M1218+AC  
 Supply: Metal duct, 7" dia., 5 feet to tee, then horseshoe configuration  
 Return: UPC-104-1218 (12" flex) connected to UPC-01-1218 (14 x 20" filter) with two 90° bends  
 Temperature: 66.2°F dry bulb  
 L/s

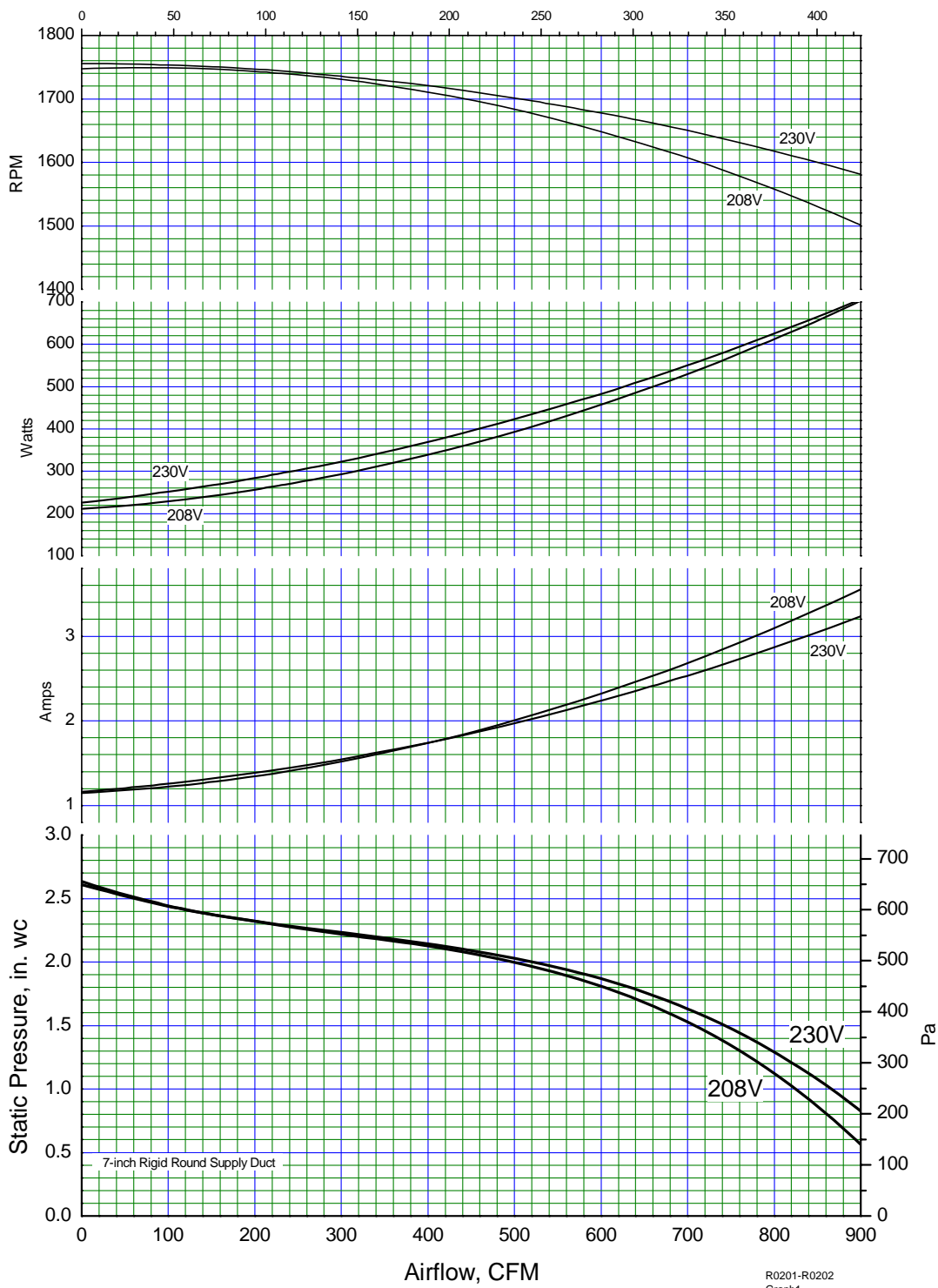
# M1218 60Hz Low Speed



R0301\_Catalog  
 Graph2  
 1/15/2003  
 Tested by: J. Riley  
 Approved by: C. Messmer

Wheel: FC950-375D  
 Housing: 950M  
 Motor: 1/2 HP, 1700 RPM, (Dayton 9MTV7)  
 Equip: MB2430L+MC2436C-A  
 Supply: 7" fiberglass duct, straight to 1 tee, horseshoe  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend  
 Temperature: 34°F dry bulb, 85% RH

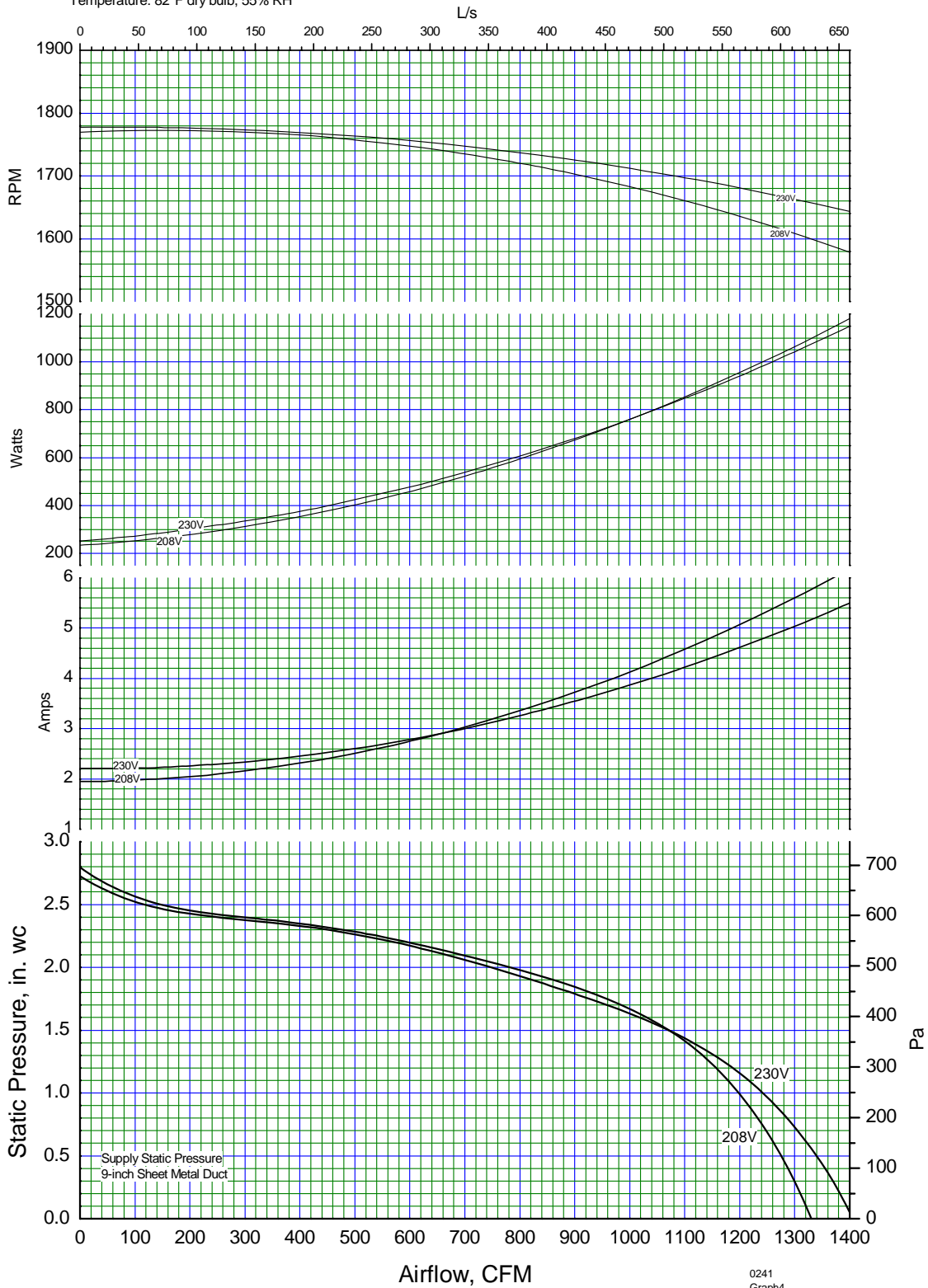
# MB2430L 60Hz



R0201-R0202  
 Graph1  
 01/24/2002  
 Tested by: Seden Kalyoncu  
 Approved by: C. Messmer

Wheel: FC950-500D  
 Housing: 950M  
 Motor: 1 HP, 1700 RPM, (Dayton 9MTV8)  
 Equip: MB3642L+MC3642C  
 Supply: 9" sheet metal duct (see photo)  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend  
 Temperature: 82°F dry bulb, 55% RH

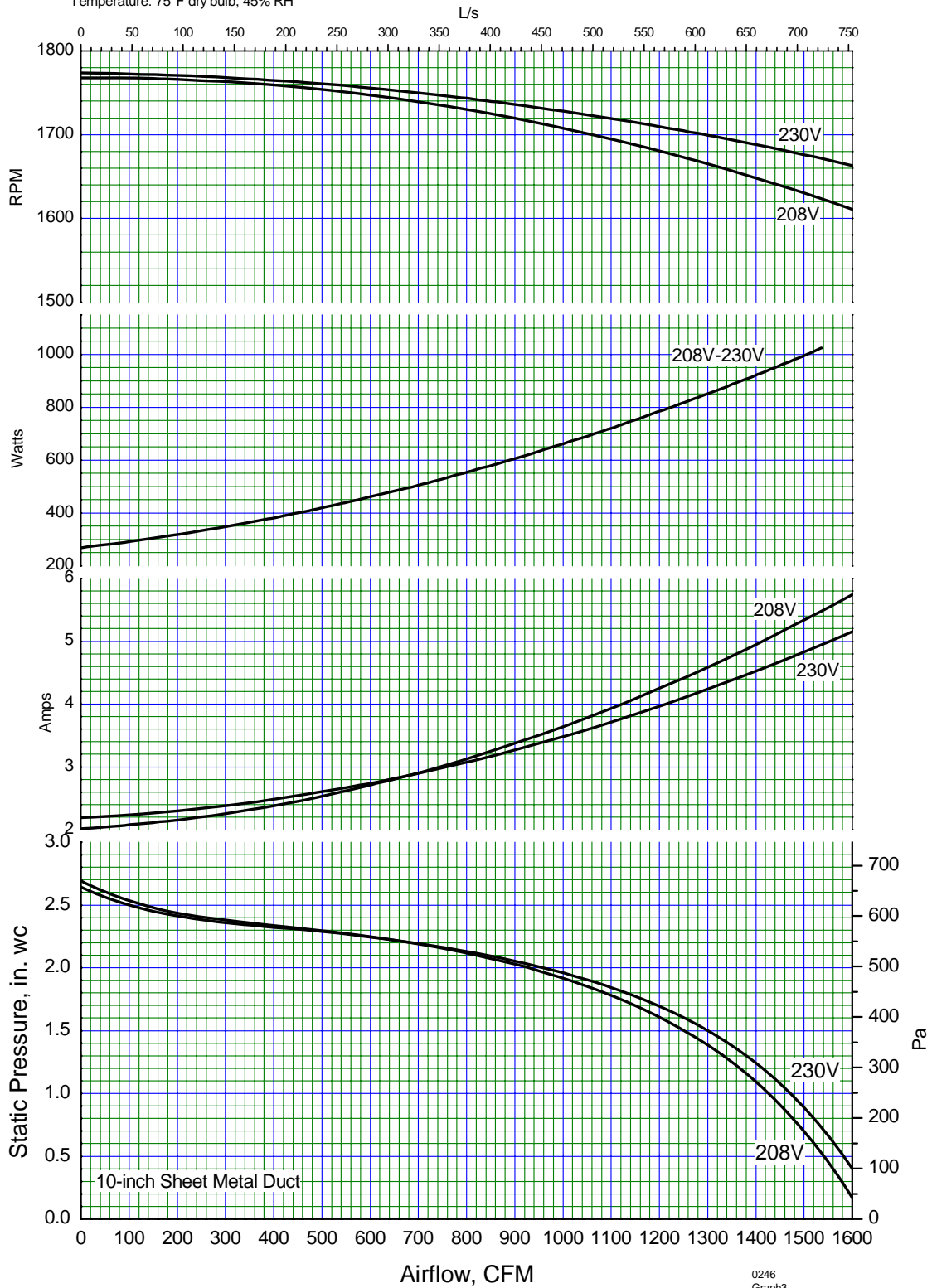
# MB3642L 60Hz



0241  
 Graph4  
 09/18/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer

Wheel: FC950-775D  
 Housing: 950M  
 Motor: 1 HP, 1650 RPM, (Dayton Model 9MTV8)  
 Equip: MB4860L+MC4860C  
 Supply: 10" sheet metal duct reduced to 9" to tee (see photo)  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend  
 Temperature: 75°F dry bulb, 45% RH

# MB4860L 60Hz



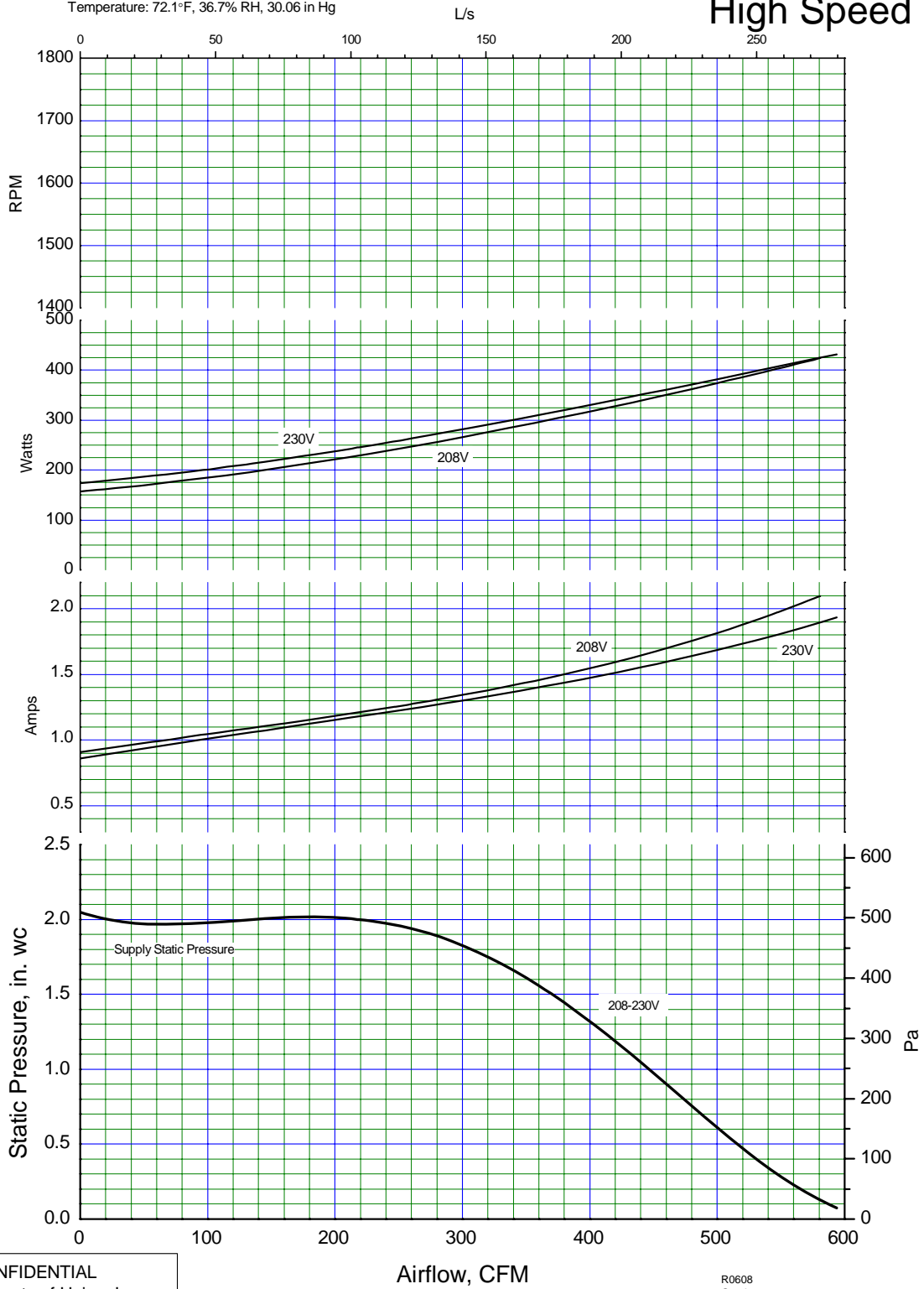
0246  
 Graph3  
 09/30/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer

Wheel: Revcor BC950-150S  
 Housing: Revcor 4-1444  
 Motor: Emerson K55HXHZN-9863, 1/3 HP  
 Equip: M1218  
 Supply: 7" sheet metal duct to 9" sheet metal, straight to 1 tee, horse shoe  
 Return: 12" return duct  
 Temperature: 72.1°F, 36.7% RH, 30.06 in Hg

# M1218+CB

## 60 Hz

### High Speed

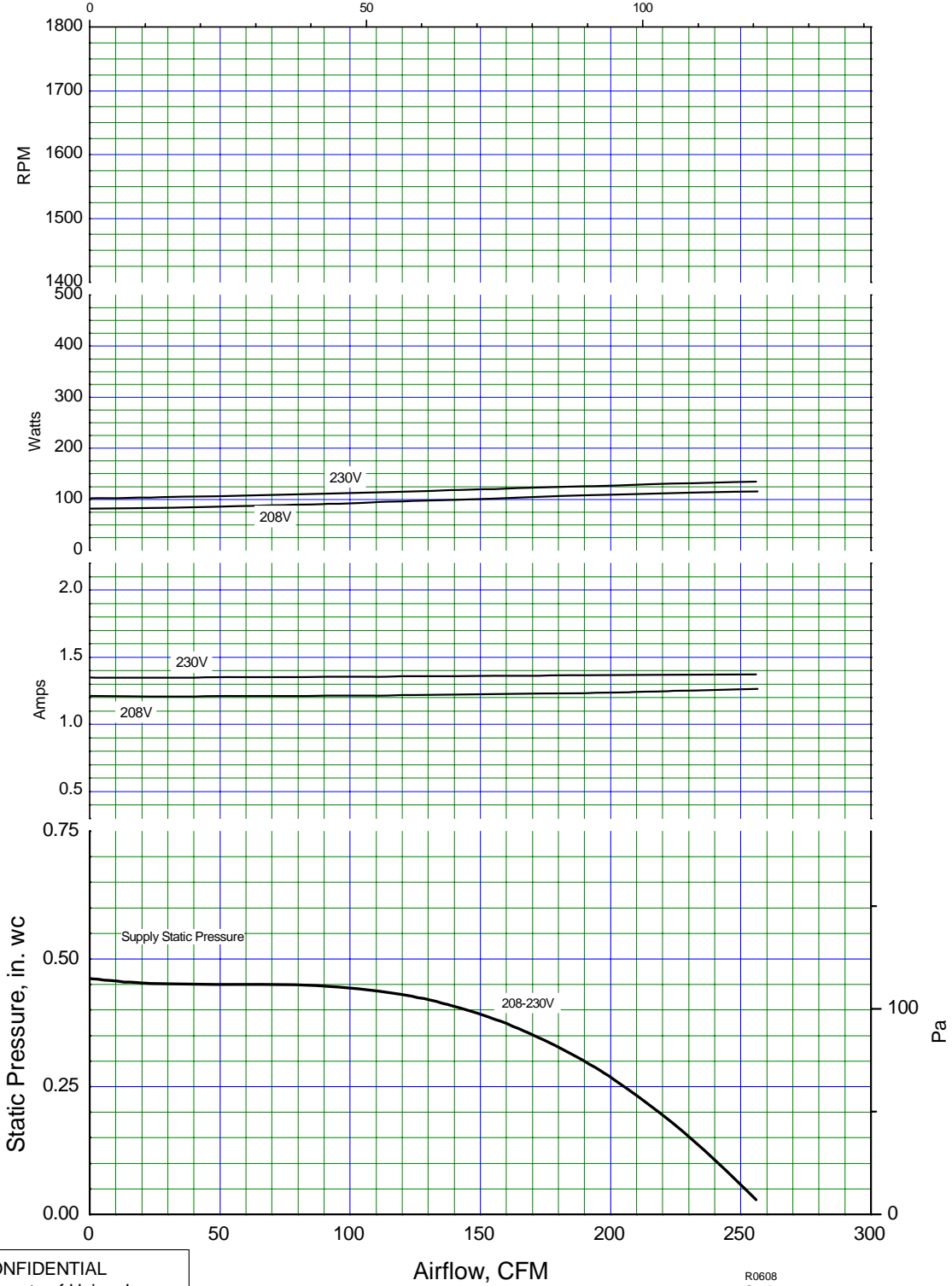


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R0608  
 Graph1  
 04/27/2006  
 Tested by: E. Shapiro  
 Approved by: C. Messmer

Wheel: Revcor BC950-150S  
 Housing: Revcor 4-1444  
 Motor: Emerson K55HXHZN-9863, 1/3 HP  
 Equip: M1218  
 Supply: 7" sheet metal duct to 9" sheet metal, straight to 1 tee, horse shoe  
 Return: 12" return duct  
 Temperature: 72.1°F, 36.7% RH, 30.06 in Hg

# M1218+CB 60 Hz Low Speed



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R0608  
 Graph7  
 04/27/2006  
 Tested by: E. Shapiro  
 Approved by: C. Messmer

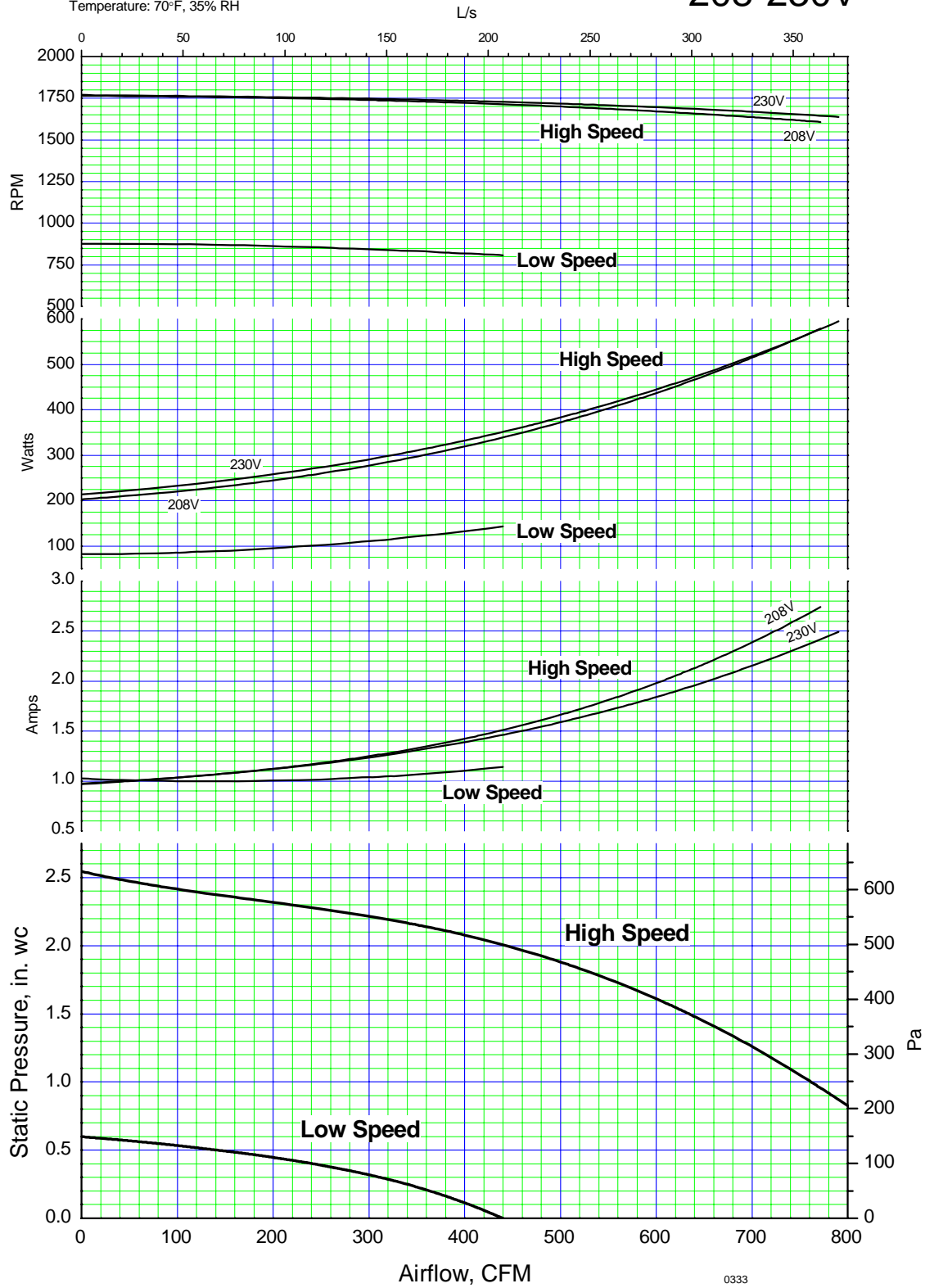


Wheel: Revcor FC950-375D  
 Housing: Revcor 950M  
 Motor: 1/2 HP, 1700 RPM, Dayton A19843  
 Equip: MB2430L, MC2430C-A  
 Supply: 7" sheet metal duct to 9" sheet metal, straight to 1 tee, horse shoe  
 Return: 14" with filter across the duct opening (no grille)  
 Temperature: 70°F, 35% RH

# MB2430L+CB

## 60 Hz

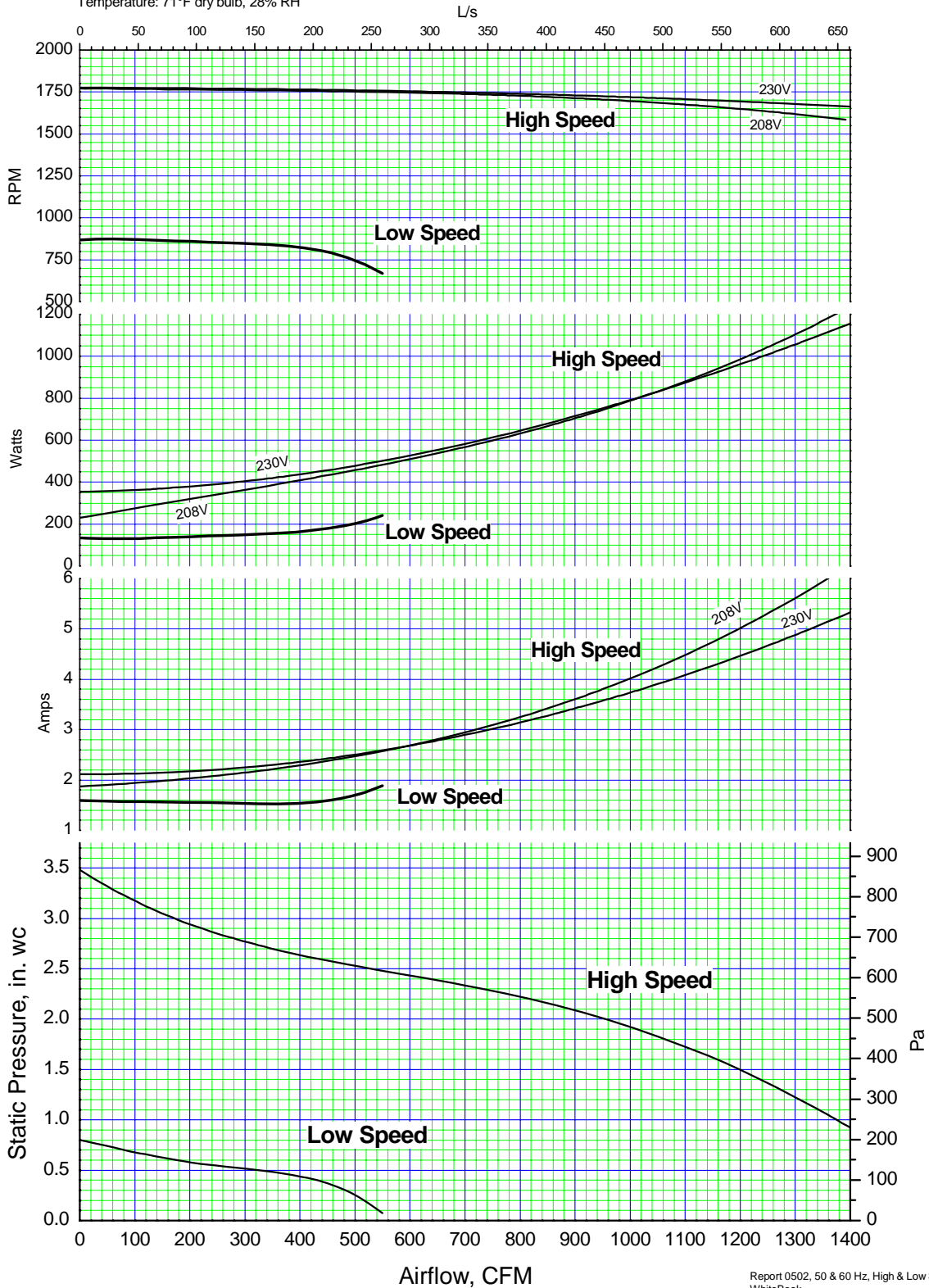
### 208-230V



0333  
 Graph10  
 01/09/2004  
 Tested by: J. Riley  
 Approved by: C. Messmer

Wheel: GR950-500D  
 Housing: 800 series  
 Motor: 1 HP, 1700 RPM, (Dayton 9MTV8)  
 Equip: MB3642L+MC3642C + CB  
 Supply: 9" horseshoe sheet metal duct with 9" supply duct  
 Return: 18" return duct  
 Temperature: 71°F dry bulb, 28% RH

**MB3642L+CB**  
**60 Hz**  
**208-230V**

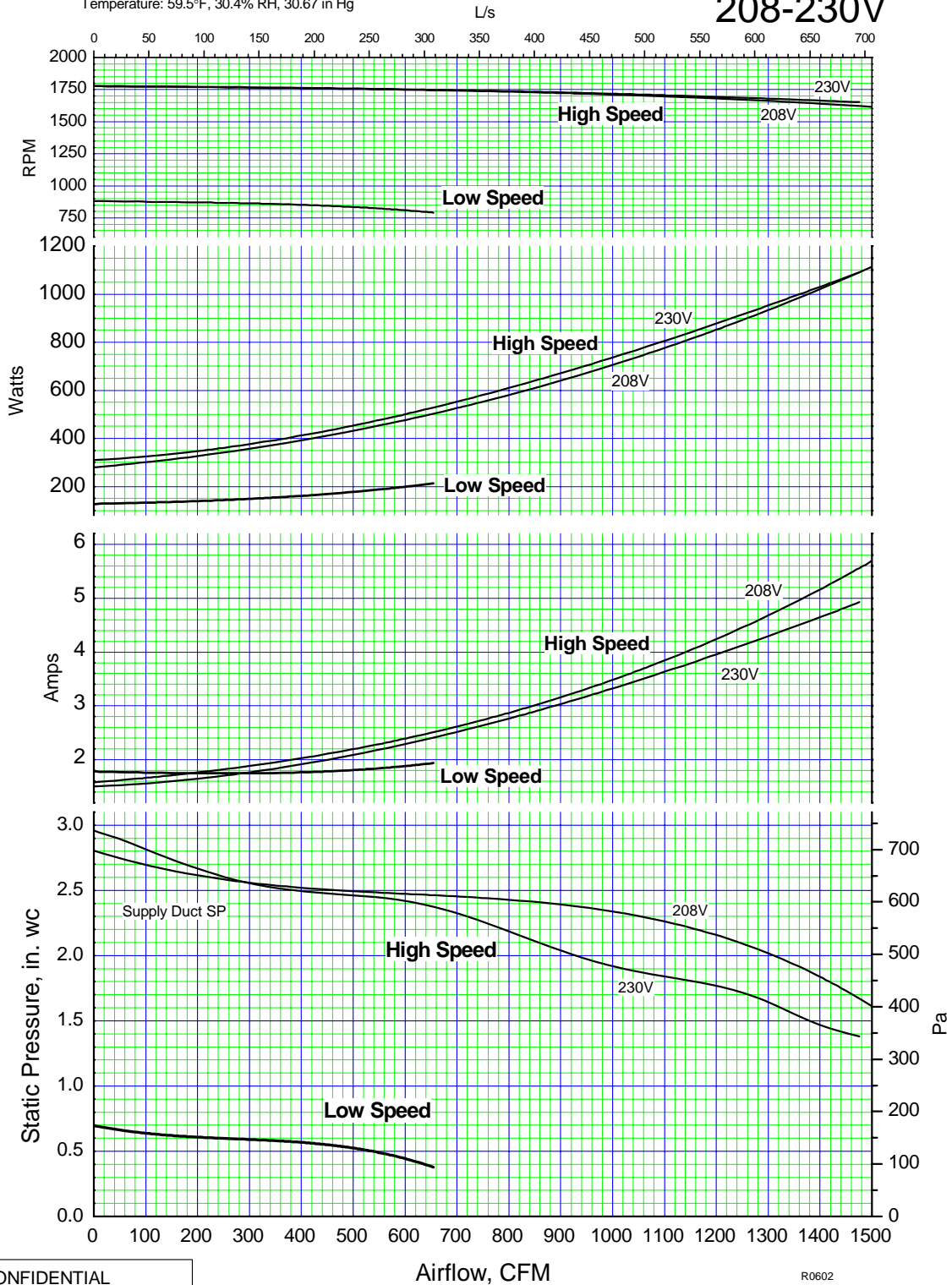


Report 0502, 50 & 60 Hz, High & Low Speed  
 WhiteBook  
 02/24/2005  
 Tested by: T. Savoy  
 Approved by: C. Messmer

Wheel: Revcor FC950-775  
 Housing: Revcor 950M  
 Motor: Emerson K55BWKRF-0491  
 Equip: MB4860L + MC4860C + UPC-04-4860  
 Supply: 10" sheet metal duct, straight to 1 tee, horse shoe  
 Return: 18" return duct with filter grille  
 Temperature: 59.5°F, 30.4% RH, 30.67 in Hg

# MB4860L+CB

60 Hz  
 208-230V

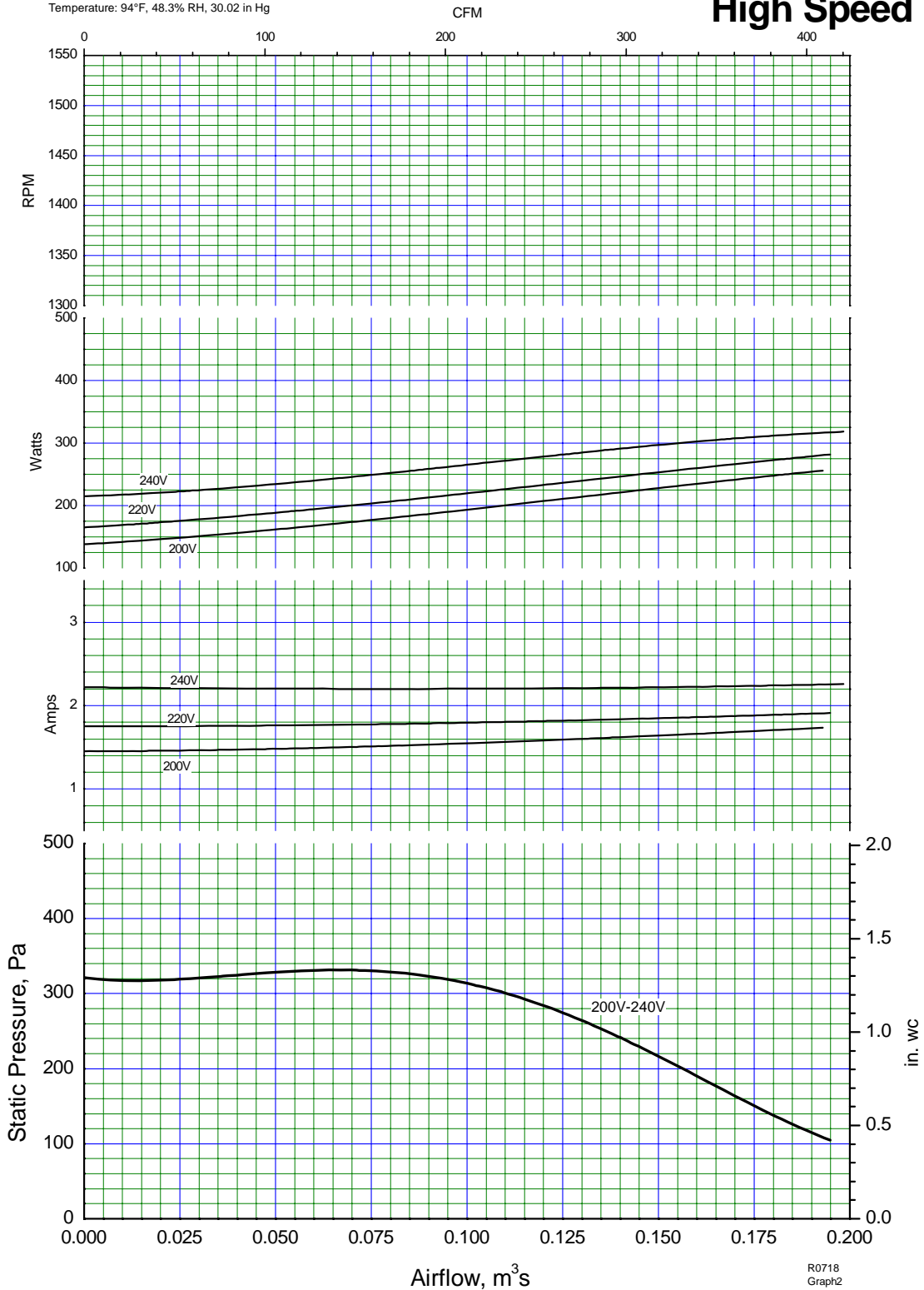


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R0602  
 Graph2  
 03/31/2006  
 Tested by: E. Shapiro  
 Approved by: C. Messmer

# MB2430L 50Hz High Speed

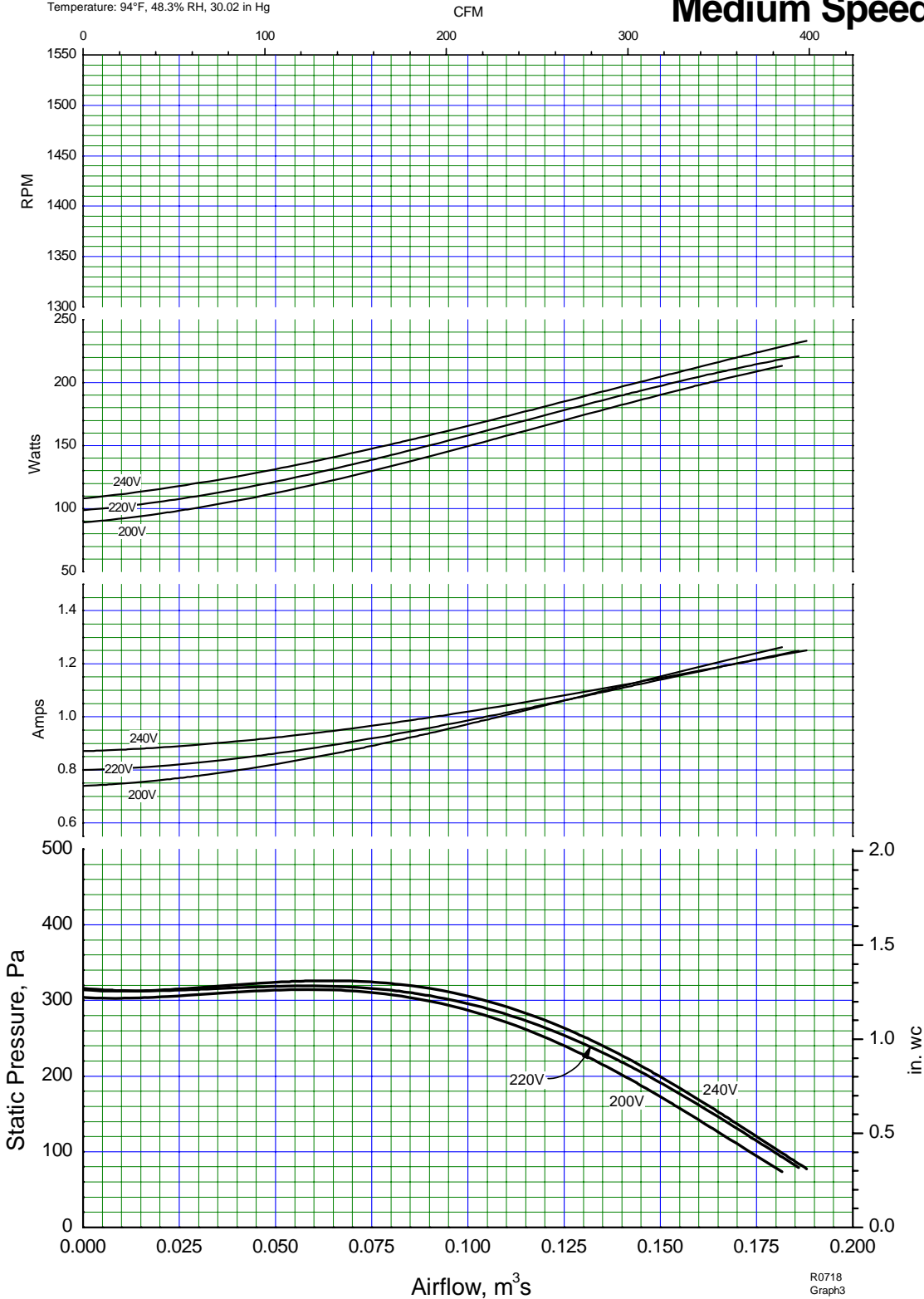
Wheel: Revcor BC950-150S  
 Housing: Revcor 4-1444  
 Motor: Emerson K55HXFFR-7711, 1/3 HP  
 Equip: M1218  
 Supply: 7" sheet metal duct to 9" metal duct, straight shotgun  
 Return: 12" return duct with filter grille  
 Temperature: 94°F, 48.3% RH, 30.02 in Hg



R0718  
 Graph2  
 8/20/2007  
 Tested by: Matt Dennis  
 Approved by: C. Messmer

Wheel: Revcor BC950-150S  
Housing: Revcor 4-1444  
Motor: Emerson K55HXFFR-7711, 1/3 HP  
Equip: M1218  
Supply: 7" sheet metal duct to 9" metal duct, straight shotgun  
Return: 12" return duct with filter grille  
Temperature: 94°F, 48.3% RH, 30.02 in Hg

# M1218 50Hz Medium Speed



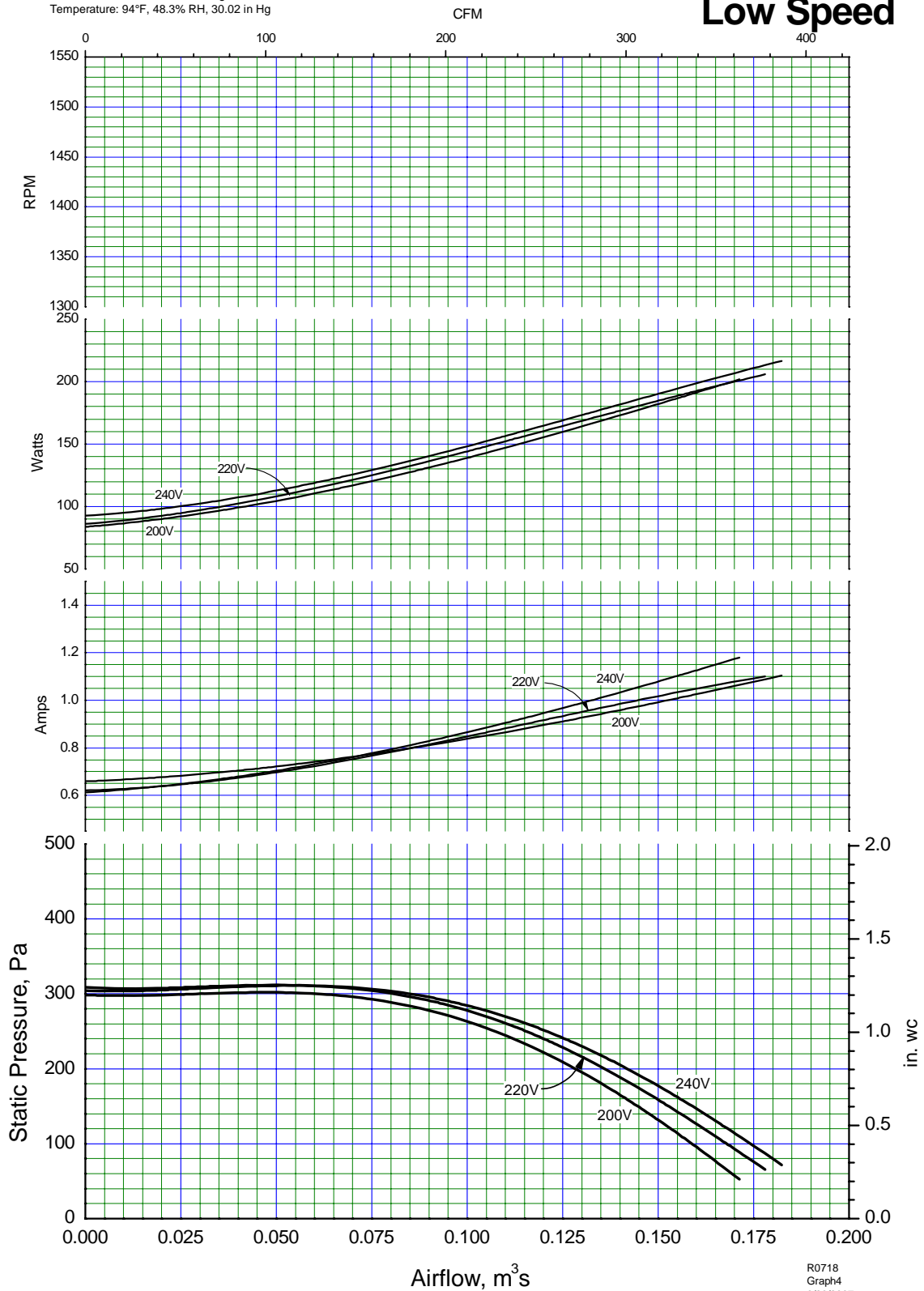
R0718  
Graph3  
8/20/2007  
Tested by: Matt Dennis  
Approved by: C. Messmer

Wheel: Revcor BC950-150S  
 Housing: Revcor 4-1444  
 Motor: Emerson K55HXFFR-7711, 1/3 HP  
 Equip: M1218  
 Supply: 7" sheet metal duct to 9" metal duct, straight shotgun  
 Return: 12" return duct with filter grille  
 Temperature: 94°F, 48.3% RH, 30.02 in Hg

# M1218

## 50Hz

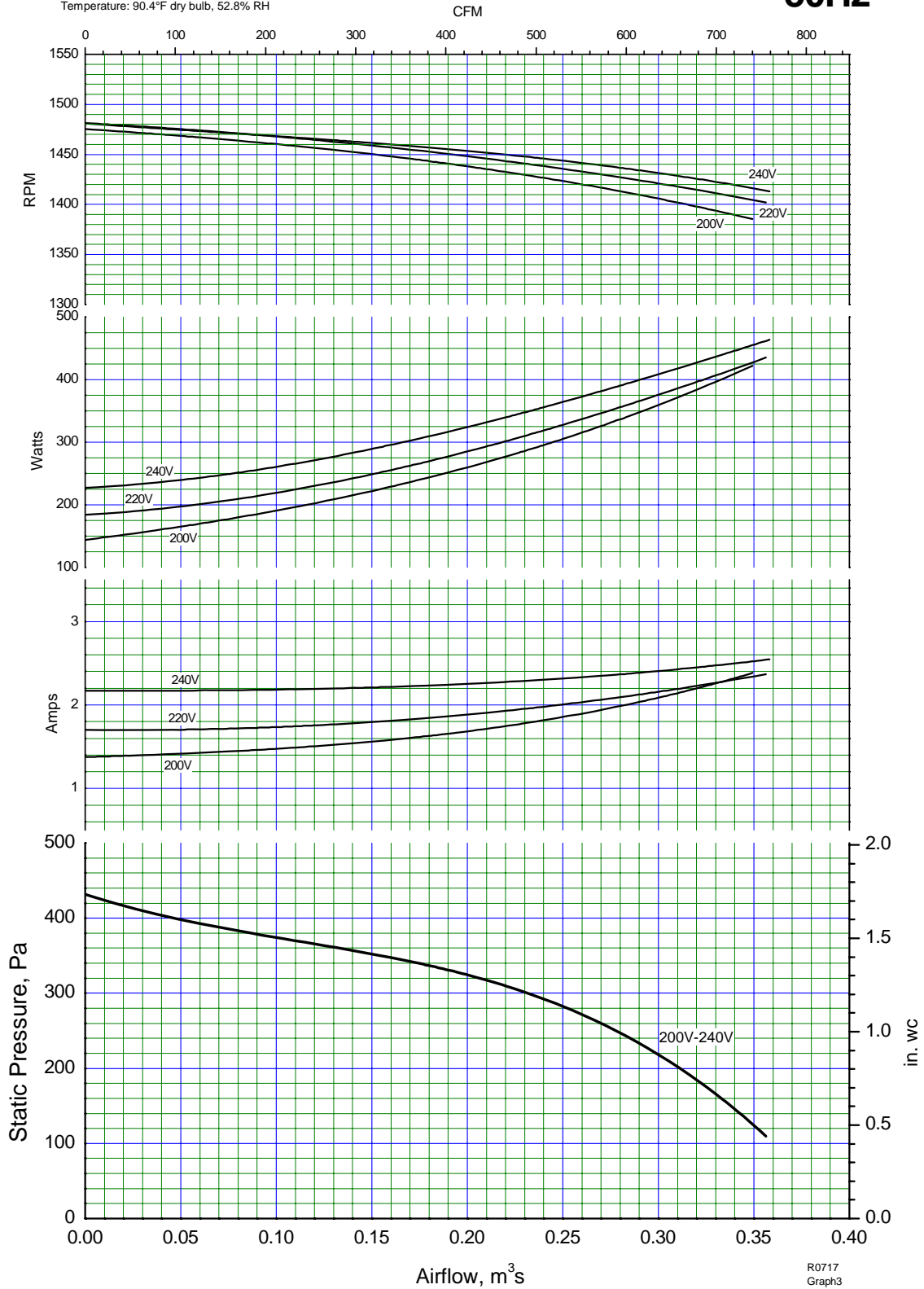
### Low Speed



R0718  
 Graph4  
 8/20/2007  
 Tested by: Matt Dennis  
 Approved by: C. Messmer

Wheel: FC950-375D  
 Housing: 950M  
 Motor: 1/2 HP, 1700 RPM, (Dayton 9MTV7)  
 Equip: MB2430L+MC2436C  
 Supply: 7" fiberglass duct, straight to 1 tee, horseshoe  
 Return: 14" return duct with filter grille  
 Temperature: 90.4°F dry bulb, 52.8% RH

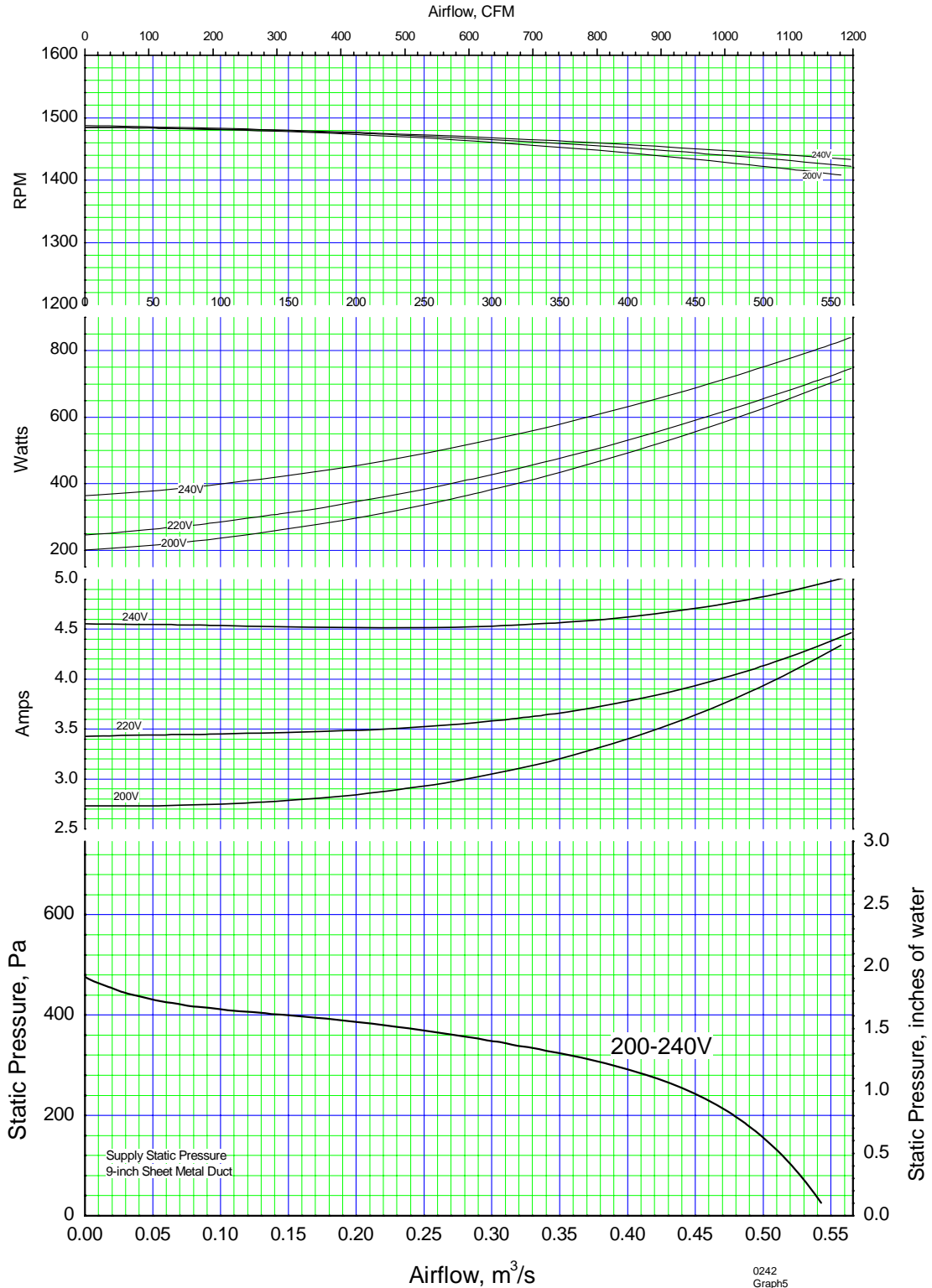
# MB2430L 50Hz



R0717  
 Graph3  
 8/20/2007  
 Tested by: Matt Dennis  
 Approved by: C. Messmer

Wheel: FC950-500D  
 Housing: 950M  
 Motor: .75 kW (1 HP), 1700 RPM, (Dayton 9MTV8)  
 Equip: MB3642L+MC3642C  
 Supply: 228 mm (9-inch) diameter sheet metal duct  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend

# MB3642L 50Hz

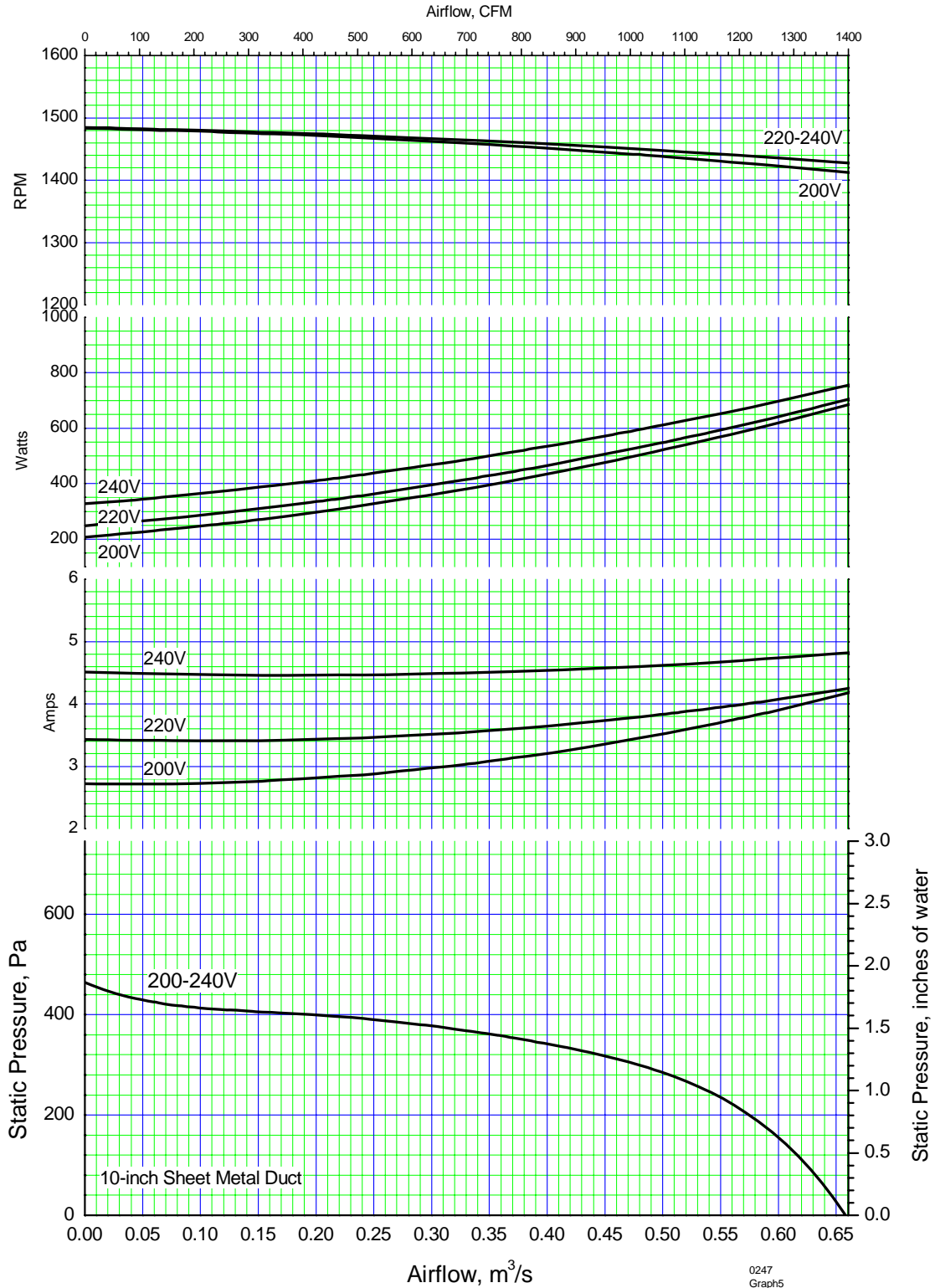


0242  
 Graph5  
 09/18/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer



Wheel: FC950-775D  
 Housing: 950M  
 Motor: .75 kW (1 HP), 1650 RPM, (Dayton Model 9MTV8)  
 Equip: MB4860L+MC4860C  
 Supply: 248 mm (10-inch) diameter sheet metal duct reduced to 228 mm (9-inch) to tee  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend

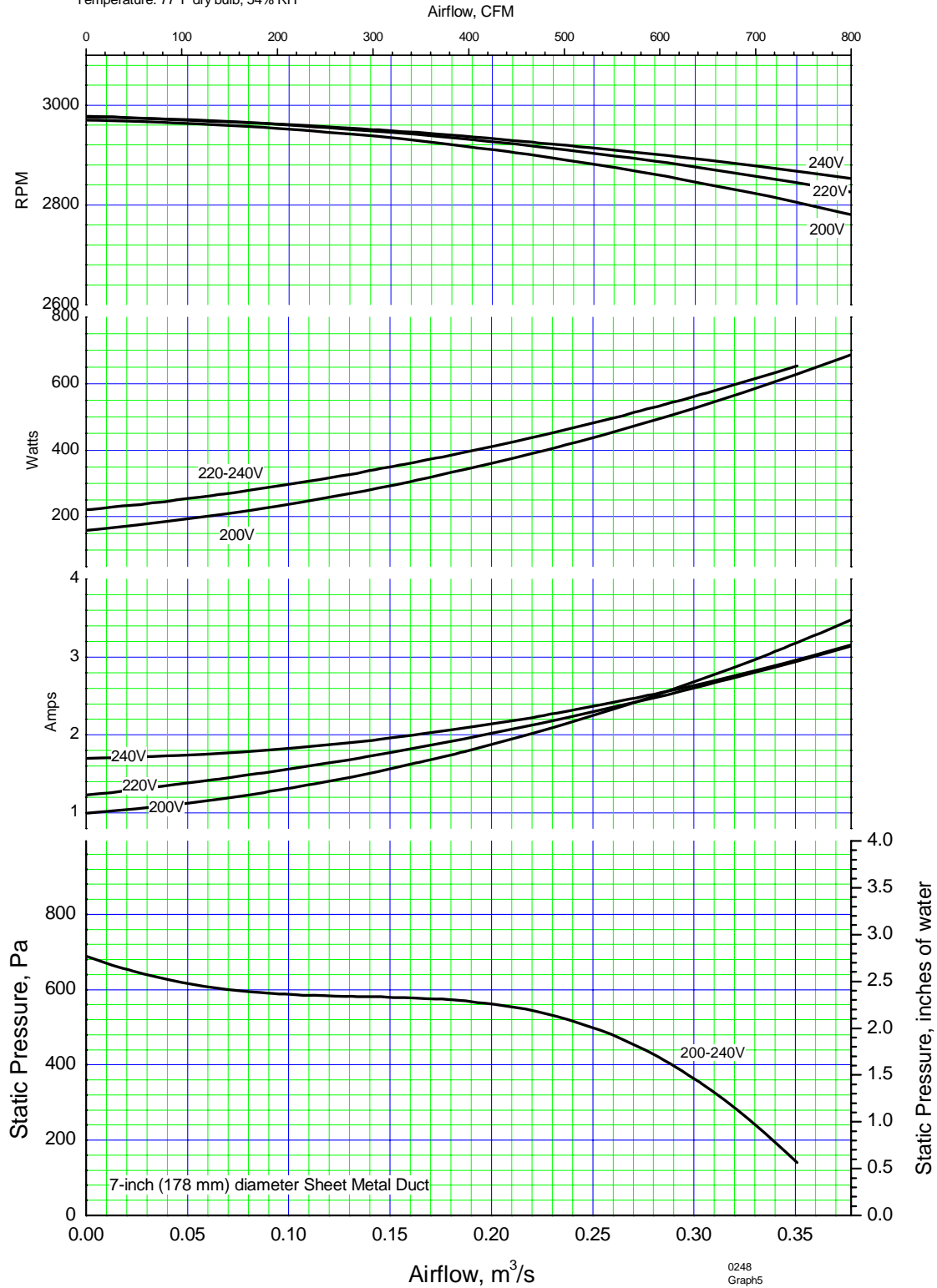
# MB4860L 50Hz



0247  
 Graph5  
 10/01/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer

Wheel: C575-337D  
 Housing: STD  
 Motor: .34 kW (1/2 HP), 2800 RPM, (Dayton A17822)  
 Equip: MB2430H-50HZ+MC2430C  
 Supply: 178 mm (7 inch) diameter sheet metal duct  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend  
 Temperature: 77°F dry bulb, 54% RH

# MB2430H-50HZ (50 Hz)

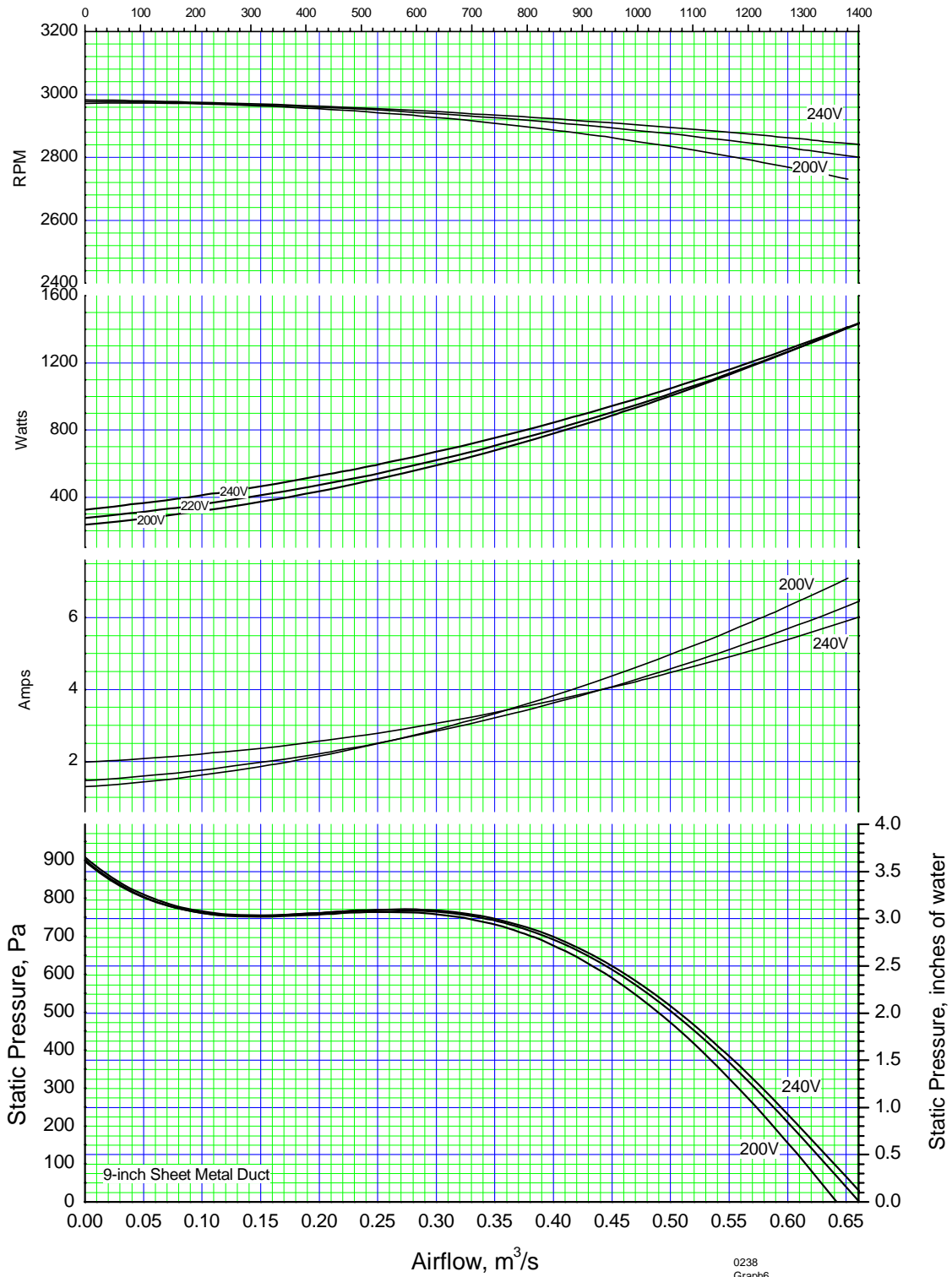


0248  
 Graph5  
 10/03/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer

Wheel: C631-437D  
 Housing: 631  
 Motor: .75 kW (1 HP), 2800 RPM, (Dayton 8WV11)  
 Equip: MC3642C-A  
 Supply: 228 mm (9-inch) diameter sheet metal duct, straight to 1 elbow, .6 m (2 ft) straight to another elbow  
 Return: UPC-104 connected to UPC-05C terminating into UPC-02E with one 90° bend

# MB3660H-50HZ

## 50Hz



0238  
 Graph6  
 09/04/2002  
 Tested by: J.Riley  
 Approved by: C. Messmer