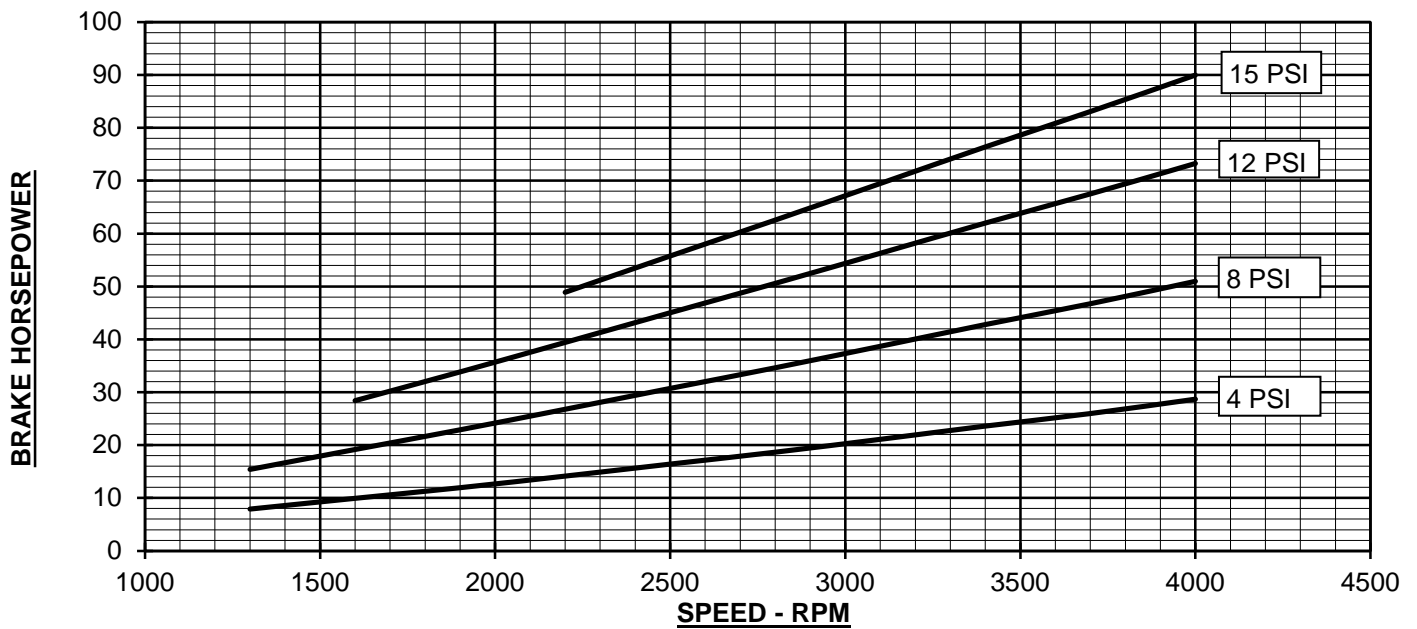
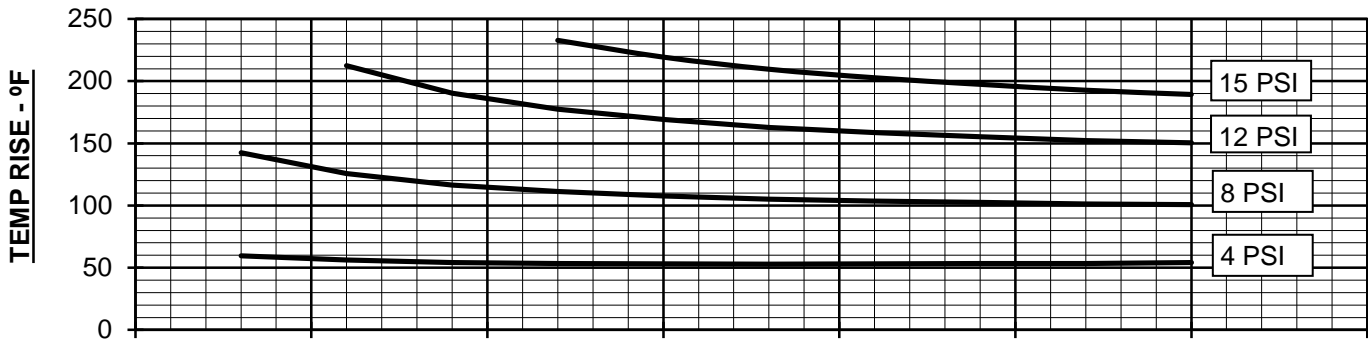
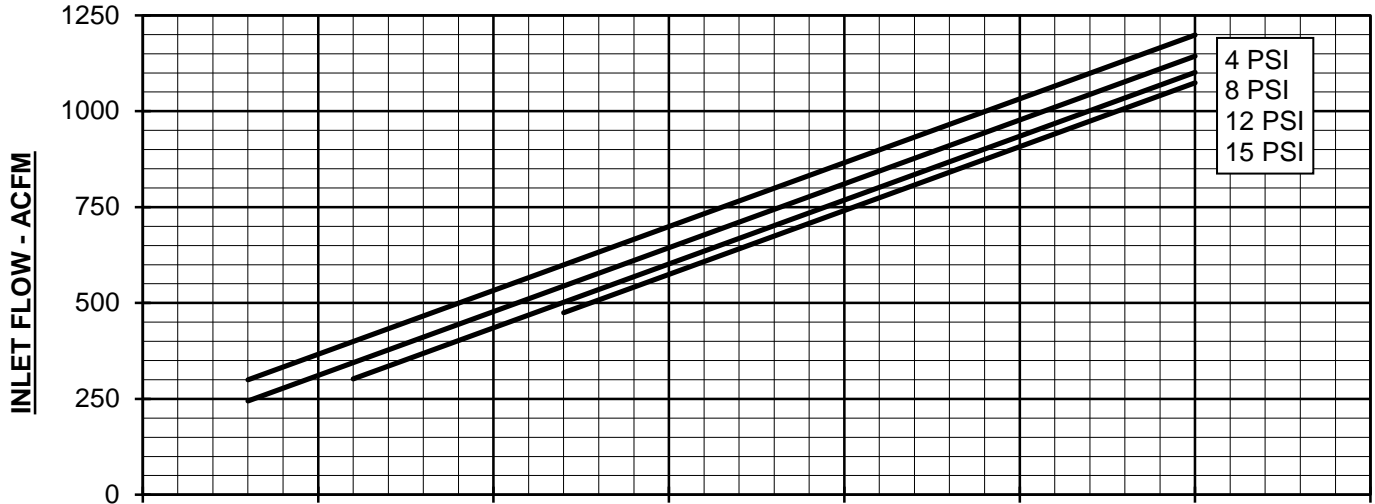




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PRESSURE PERFORMANCE
412 RAM/RAM-J BLOWER
 MAX. PRESSURE RISE = 15 PSI
 MAX. SPEED = 4000 RPM

PERFORMANCE BASED ON AIR
 INLET TEMPERATURE = 68°F
 INLET PRESSURE = 14.7 PSIA
 CURVES GENERATED: MAY-1997



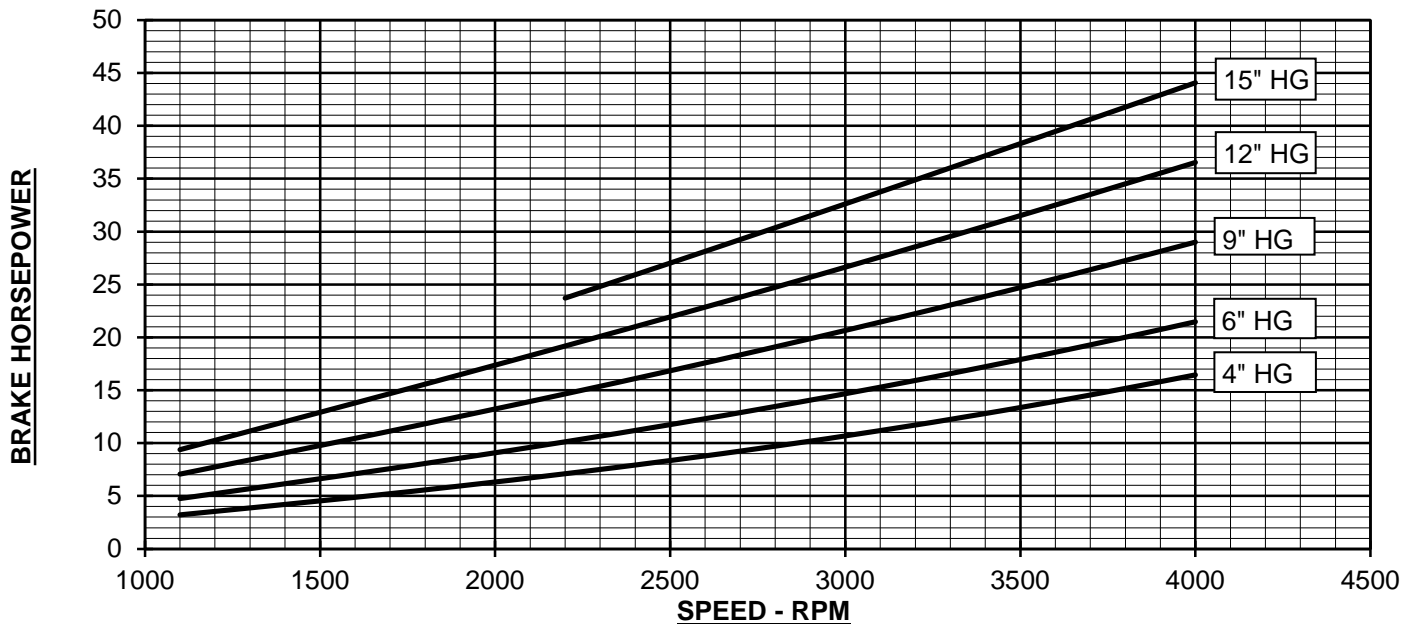
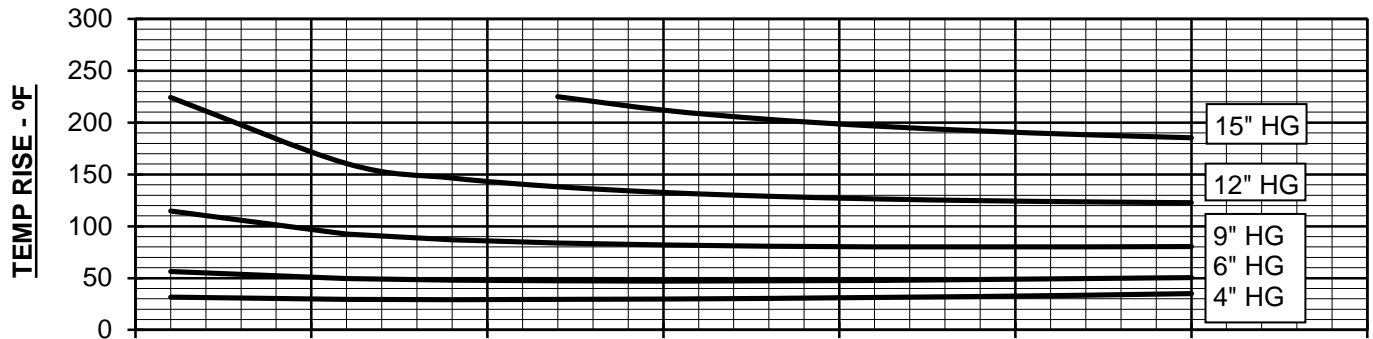
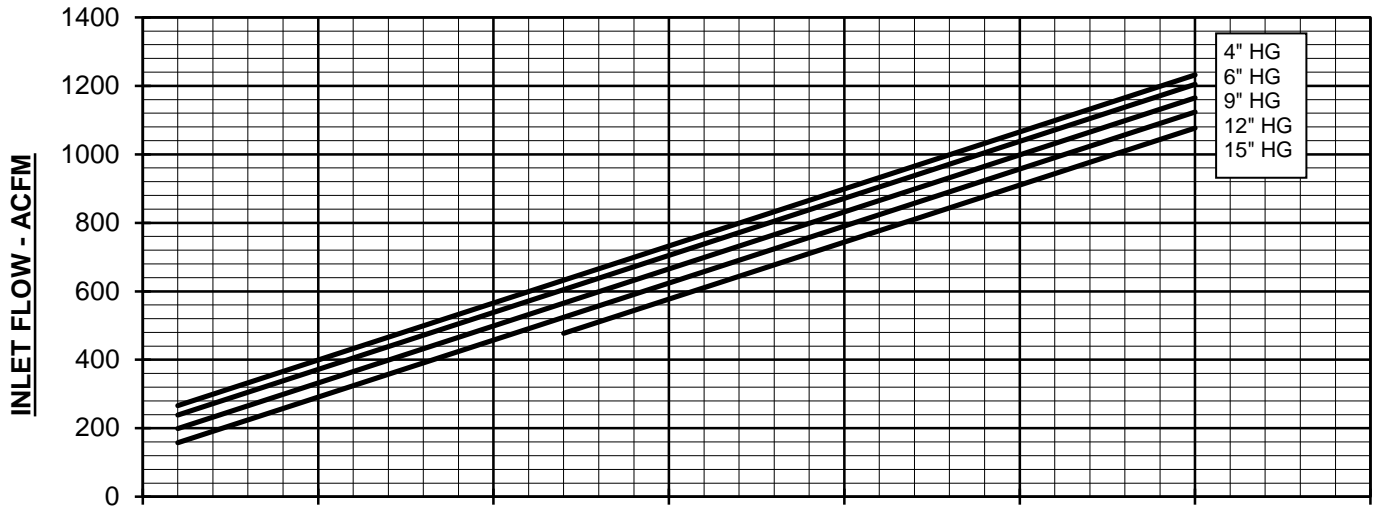
LATEST REVISION	DESCRIPTION
NOV-2015	HOWDEN LOGO/BRANDING



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VACUUM PERFORMANCE
412 RAM/RAM-J BLOWER
 MAX. VACUUM = 15" HG
 MAX. SPEED = 4000 RPM

PERFORMANCE BASED ON AIR
 INLET TEMPERATURE = 68°F
 DISCHARGE PRESSURE = 30" HGA
 CURVES GENERATED: MAY-1997



LATEST REVISION	DESCRIPTION
NOV-2015	HOWDEN LOGO/BRANDING