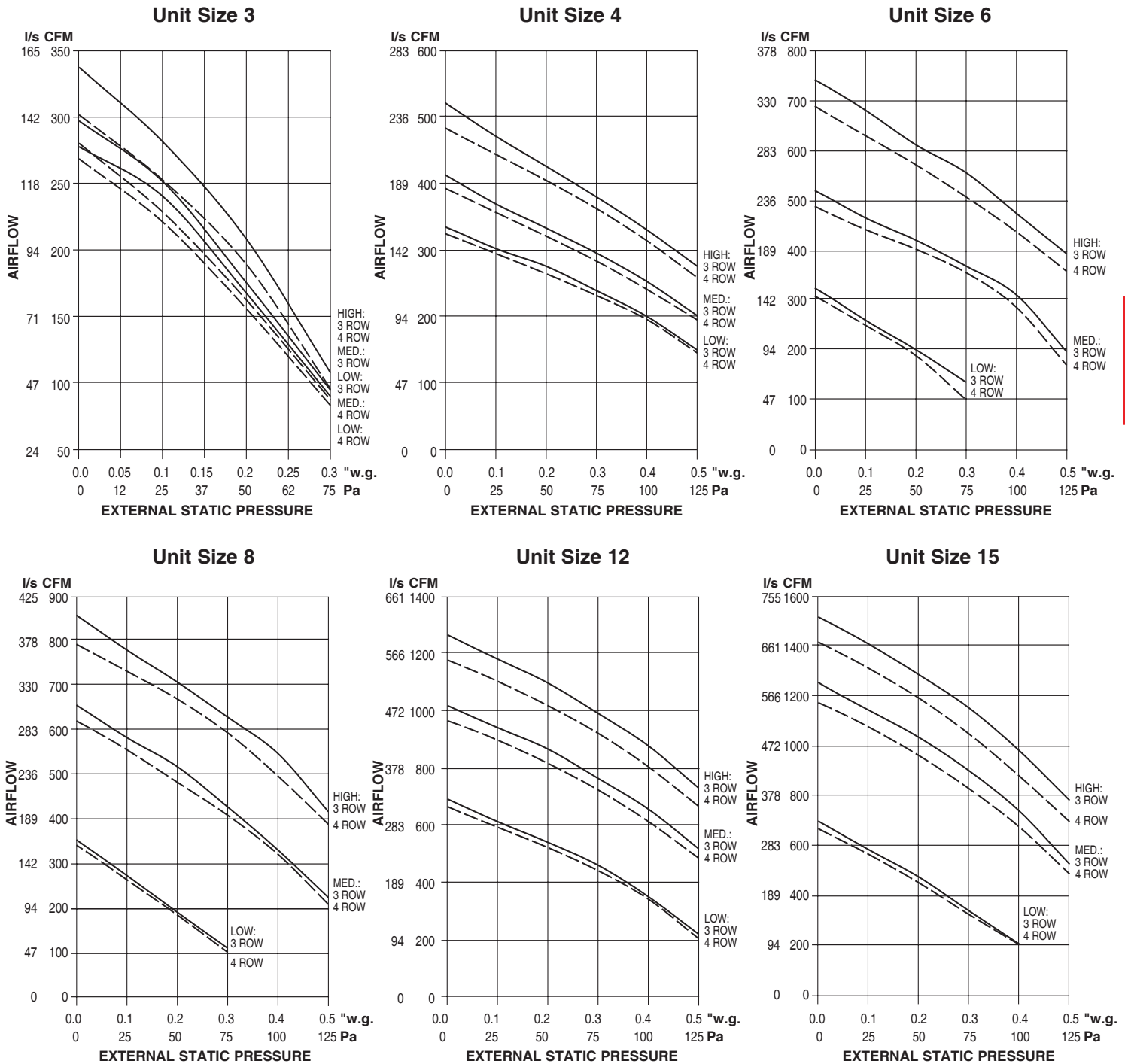


## Model 40HF Free Return • PSC Motor Fan Performance Curves Airflow vs. External Static Pressure



HORIZONTAL LOW PROFILE FAN COIL UNITS • IN ROOM

### PSC Motor Fan Notes:

1. Permanent split capacitor (PSC) motors are of the three speed type with separate taps (High, Medium and Low) which provide variable horsepower outputs. Commonly, units are selected and sized on a conservative basis and actual airflow and/or external static pressure requirements are lower than specified. When this is the case, the unit fan motor can be run at low or medium speed, reducing power consumption and operating cost.
2. All fan curves shown are for 120 volt single phase, 3-speed PSC motors and include internal losses for cabinet, electric heater and 3 or 4 row water coil.
3. For other coil combinations and filters, adjust performance curves based on pressure losses or use Selectworks.
4. Filter pressure drops table shown on page C23.