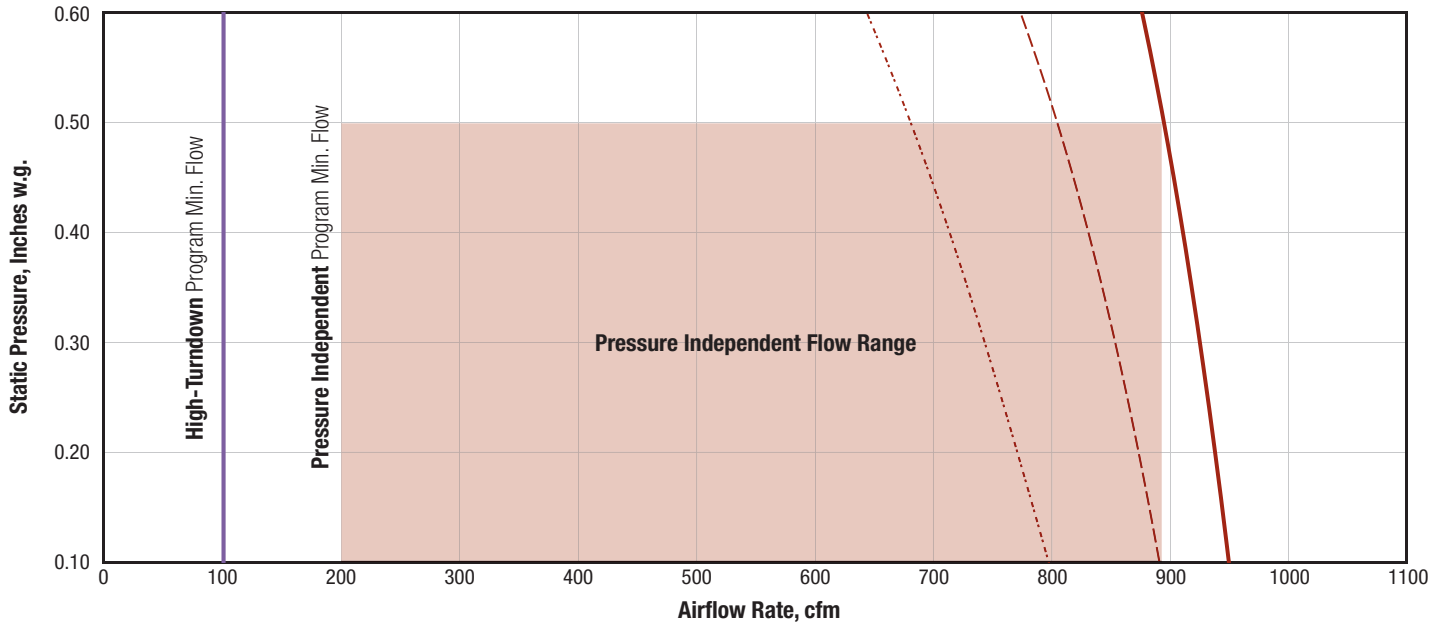


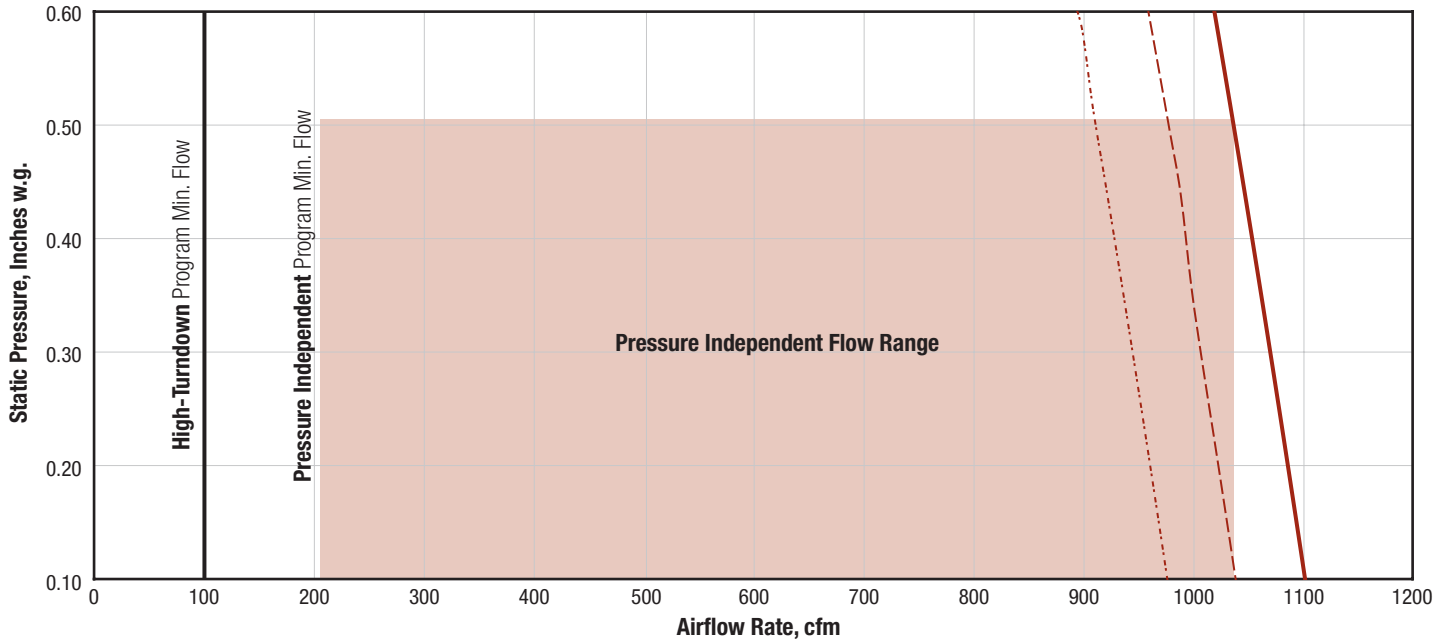
# Performance Data

## FDCLP2 with ECM - Fan Performance Curves

### Unit Size 10



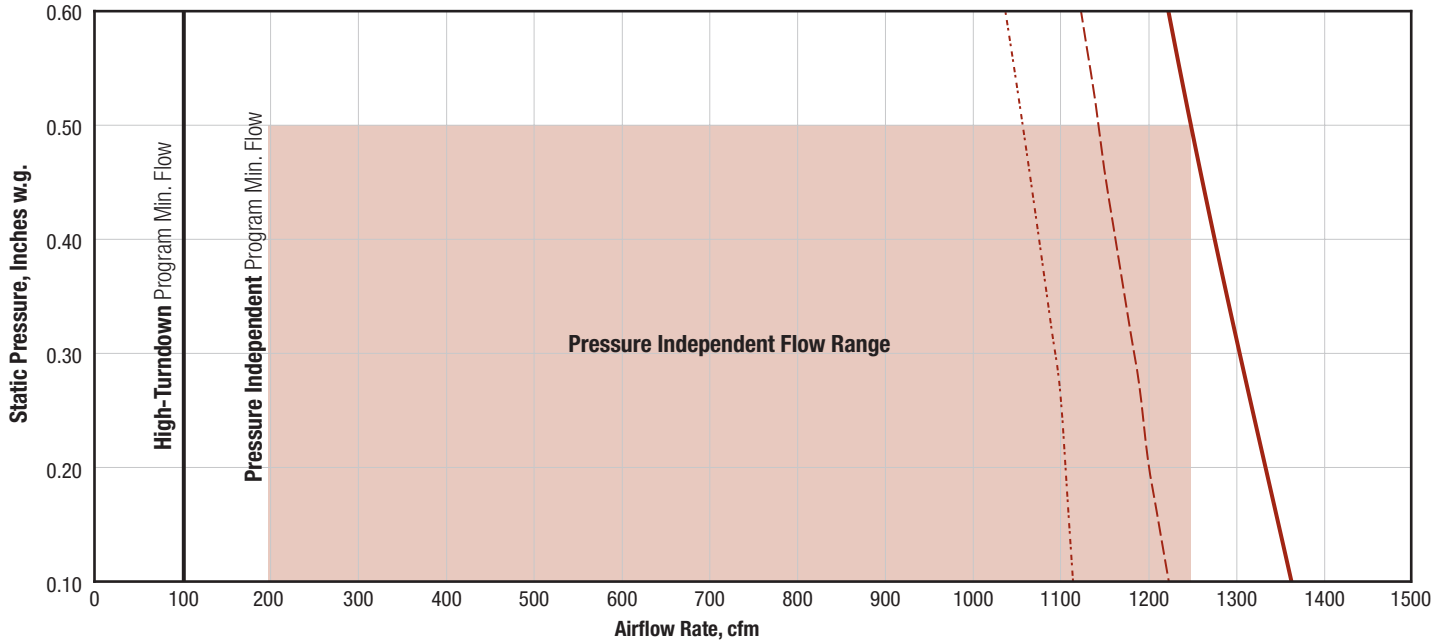
### Unit Size 20



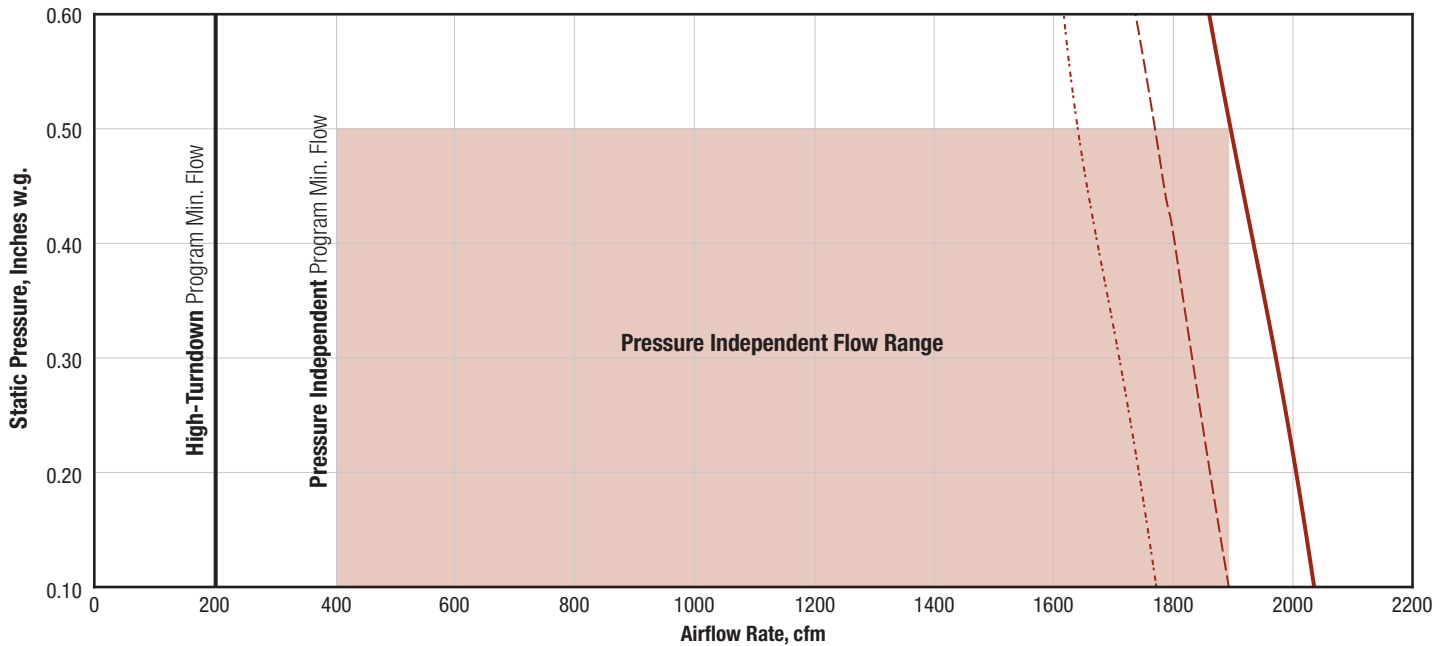
# Performance Data

## FDCLP2 with ECM - Fan Performance Curves

### Unit Size 30



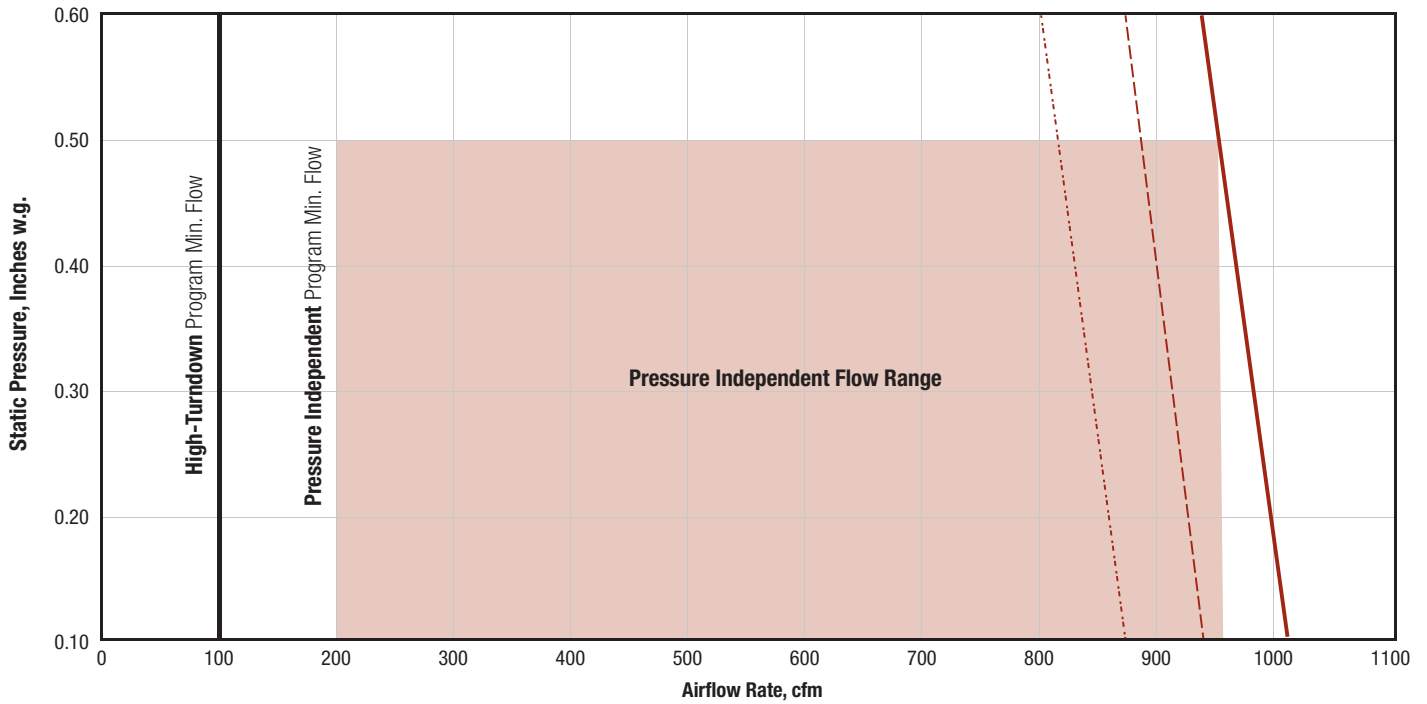
### Unit Size 50



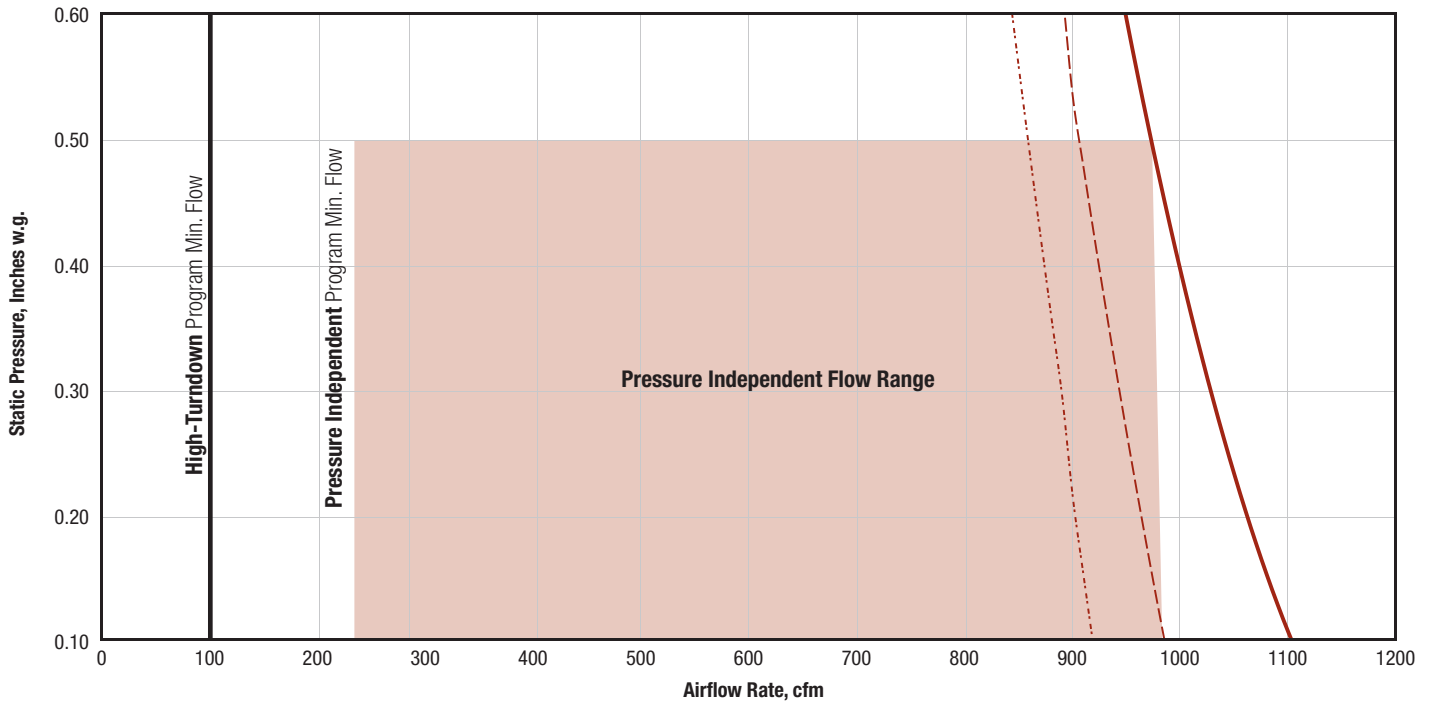
# Performance Data

## FDCLP2 & Sensible Cooling Coil (DOAS) with ECM - Fan Performance Curves

### Unit Size 10 - 2 Row Cooling Coil



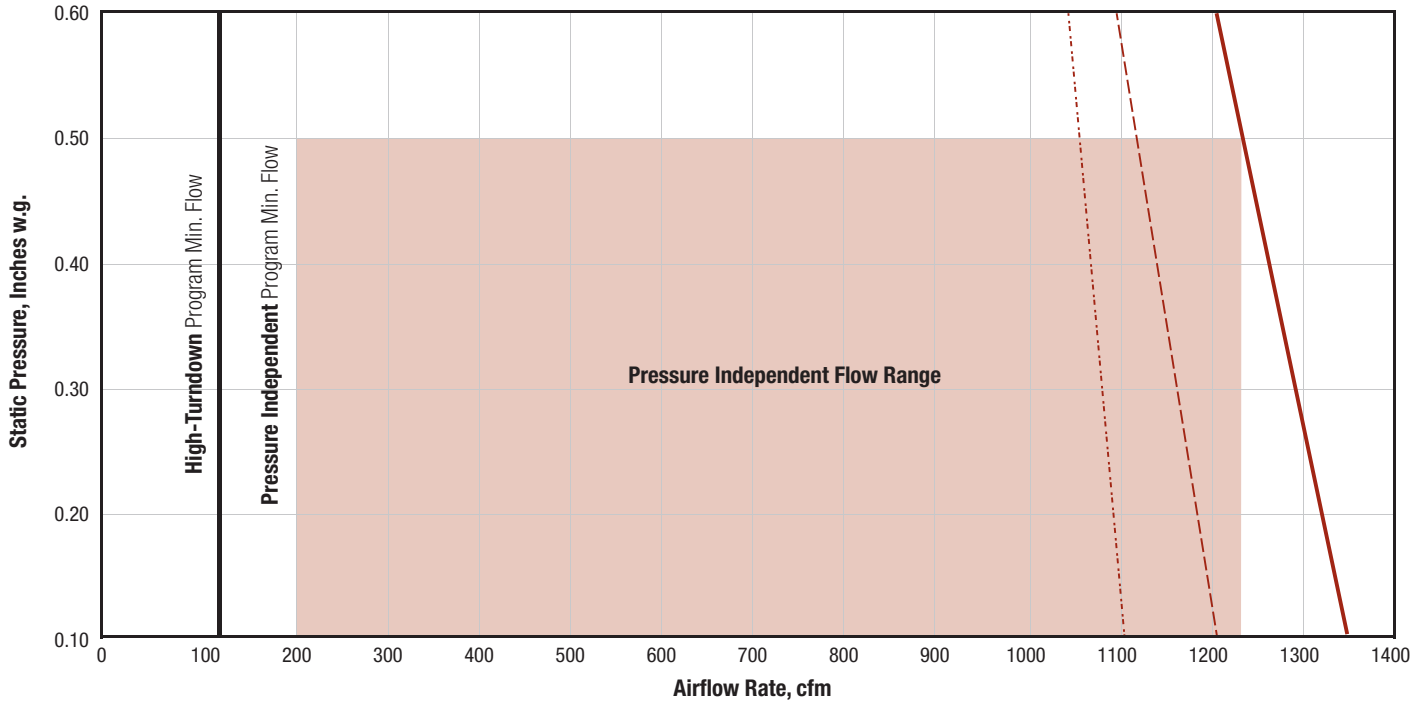
### Unit Size 20 - 2 Row Cooling Coil



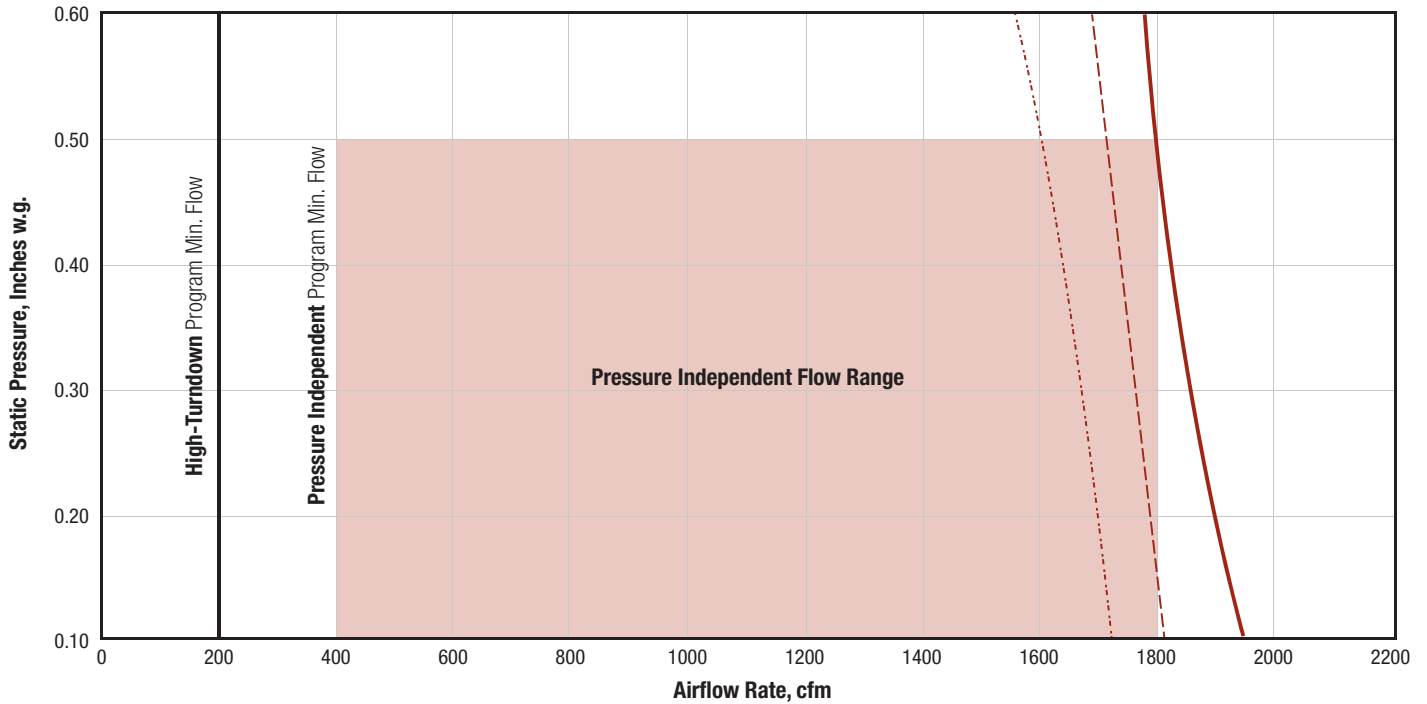
# Performance Data

## FDCLP2 & Sensible Cooling Coil (DOAS) with ECM - Fan Performance Curves

### Unit Size 30 - 2 Row Cooling Coil



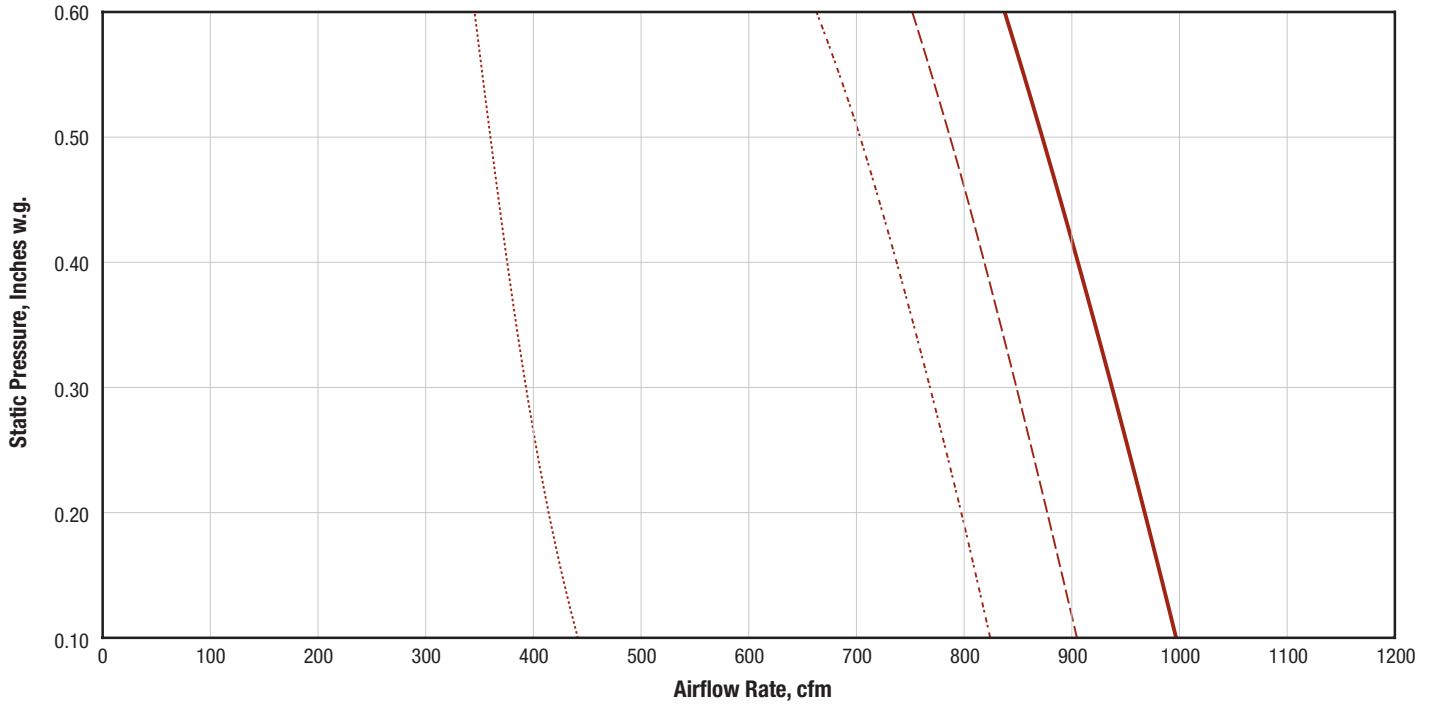
### Unit Size 50 - 2 Row Cooling Coil



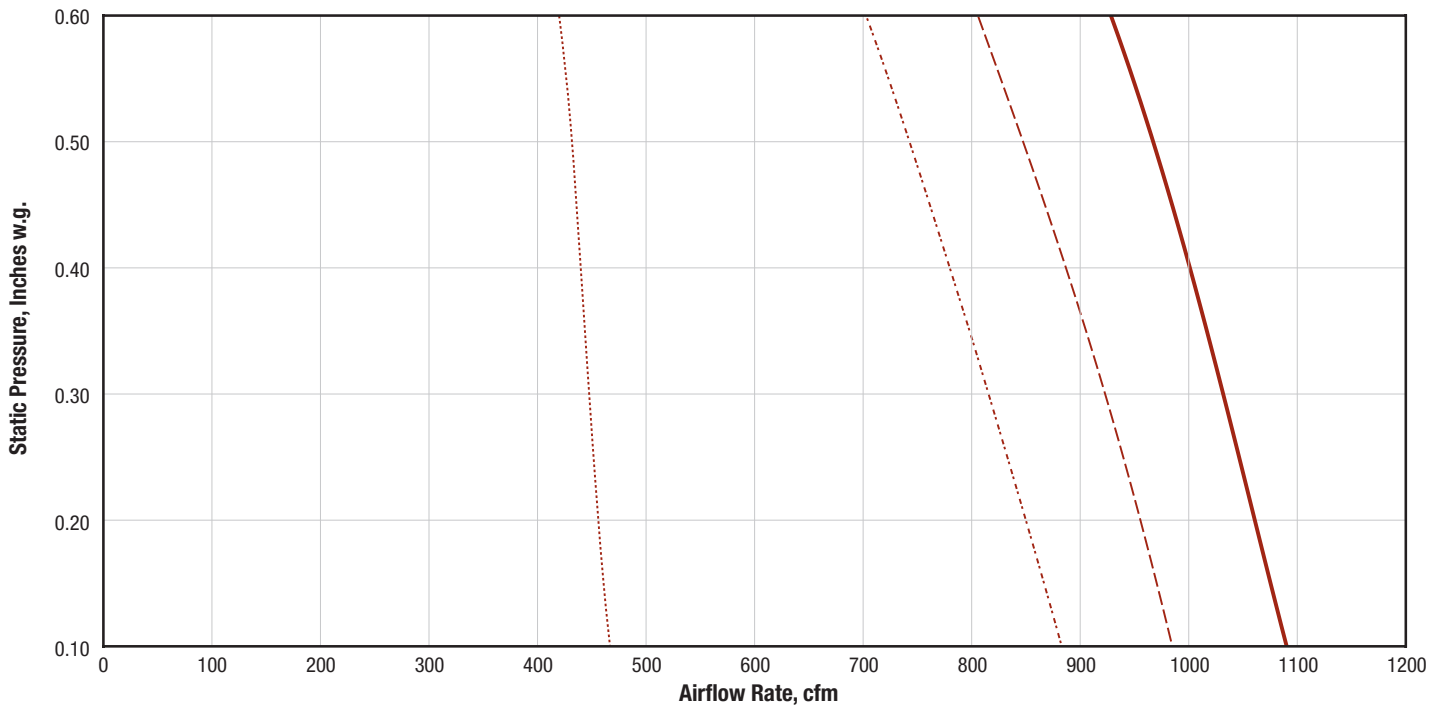
# Performance Data

## FDCLP2 with PSC - Fan Performance Curves

### Unit Size 20



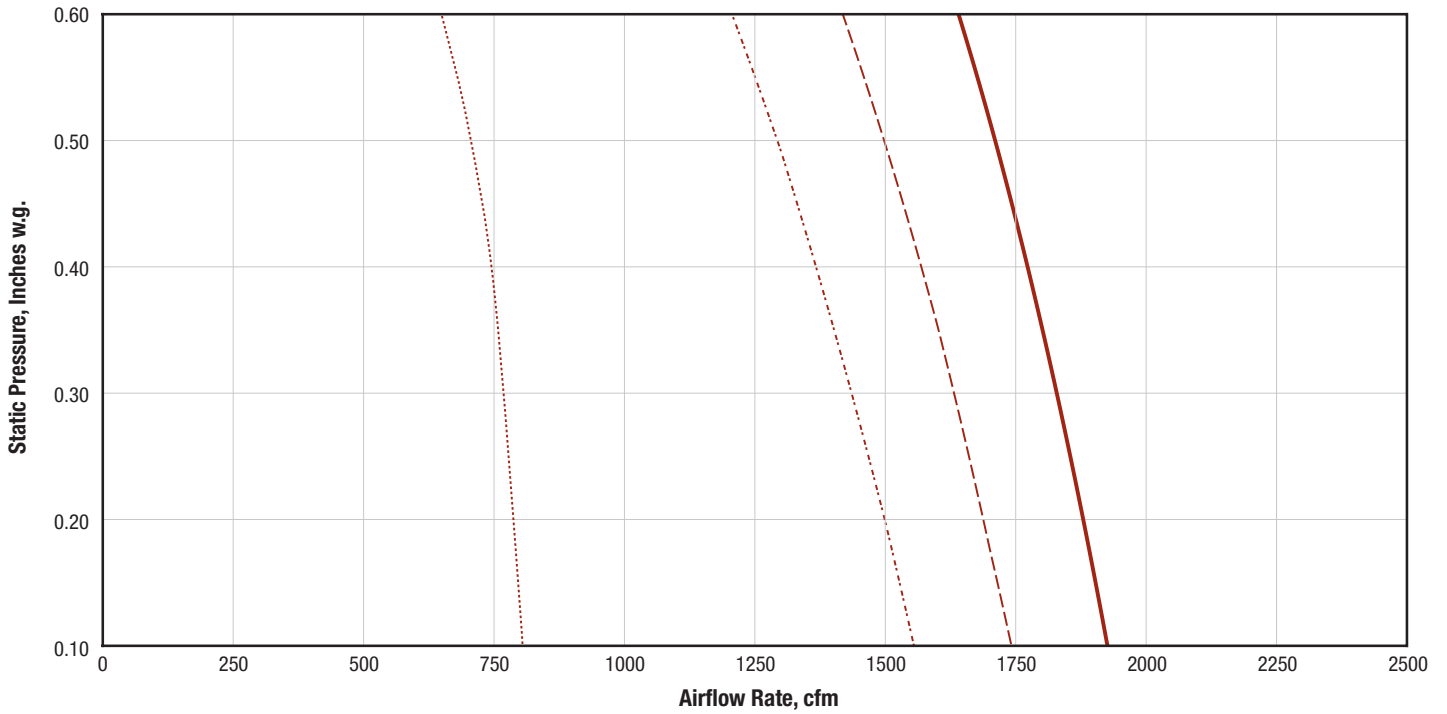
### Unit Size 30



# Performance Data

## FDCLP2 with PSC - Fan Performance Curves

### Unit Size 50



# Performance Data

## FDCLP2 – PSC Capacities

Unit Size	Inlet Size	Primary Airflow		Fan Airflow		Motor HP	Full Load Amps			
		Minimum	Maximum	Minimum	Maximum		115V	208V	240V	277V
20	6	65	550	460	1100	1/5	3.9	1.5	1.5	1.4
	8	125	1100							
	10	210	1100							
30	6	65	550	460	1375	1/4	4.2	1.6	1.7	1.6
	8	125	1100							
	10	210	1375							
50	10	210	1800	805	2050	2 x 1/5	8.8	3.2	3.3	3.1
	14x8	295	1900							

## FDCLP2 – ECM Capacities

Unit Size	Inlet Size	Primary Airflow		Fan Airflow		Motor HP	Full Load Amps			
		Minimum	Maximum	Minimum*	Maximum		115V	208V	240V	277V
10	4	45	400	100	960	1/3	4.9	3.6	3.1	2.9
	5	60	500							
	6	65	550							
	7	95	800							
20	6	65	550	150	1100	1/3	4.5	2.9	2.6	2.4
	8	125	1100							
	10	210	1100							
30	6	65	550	200	1350	1/2	7.3	5.1	4.3	4
	8	125	1100							
	10	210	1350							
50	10	210	1800	300	2050	2 x 1/3	8.4	5.4	4.7	4.3
	14x8	295	1900							

## FDCLP2 with Sensible Cooling Coil (DOAS) – ECM Capacities

Unit Size	Inlet Size	Primary Airflow		Fan Airflow		Motor HP	Full Load Amps			
		Minimum	Maximum	Minimum*	Maximum		115V	208V	240V	277V
10	4	45	400	100	1000	1/3	5.6	3.6	3.0	2.8
	5	60	500							
	6	65	550							
	7	95	800							
20	4	45	400	100	1075	1/3	4.6	2.8	2.6	2.4
	5	60	500							
	6	65	550							
	7	95	800							
30	4	45	400	200	1350	1/2	7.7	4.4	4.4	4.0
	5	60	500							
	6	65	550							
	7	95	800							
50	8	125	1100	300	1925	2 x 1/3	8.4	5.8	4.7	4.3
	4	45	400							
	5	60	500							
	6	65	550							
	8	125	1100							
10	210	1800								
14x8	295	1900								

\*Minimum flow with High-Turndown Flow motor program

**Notes:**

1. Minimum primary airflow limit based on digital controls and a min 0.02 in. w.g. [5Pa] differential pressure signal from airflow sensor.
2. Maximum primary airflow limit based on max 1.5 in. w.g. [375 Pa] differential pressure signal from airflow sensor.
3. Minimum fan flow with High-turndown Flow motor program (ECM only).

# Performance Data

## FDCLP2 - Electric Coil Max kW

Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600
10**	5.7	9.9	10.4	10.1	10.4	10.8	12.4	11.0
20	5.7	9.9	11.5	13.2	15.7	15.2	15.7	15.7
30	5.7	9.9	11.5	13.2	17.6	15.2	17.6	18.5
50	5.7	9.9	11.5	13.2	23.0	17.2	29.2	29.2

\*\*EC Motor Only

## FDCLP2 DOAS - Electric Coil Max kW

Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600
10	5.7	9.9	10.4	10.1	10.4	10.8	12.4	11.0
20	5.7	9.9	11.5	13.2	15.3	15.2	15.3	15.3
30	5.7	9.9	11.5	13.2	17.6	15.2	17.6	18.5
50	5.7	9.9	11.5	13.2	23.0	17.2	27.4	27.4