

SELECTION PROCEDURE & GENERAL INFORMATION

LPC

Step 1

Using the Min, Max and Fan CFM's, we determine the possible sizes of a Tuttle & Bailey LPV that would work.

Step 2

Check if there is sufficient pressure. Minimum pressure requirements are found on page 60. Unit static pressure drop is then added to the downstream static pressure and compared to the inlet static pressure.

Note:

Remember to include any pressure drops from any unit accessories (such as water coils) with the unit static pressure requirements

Step 3

The radiated and discharge acoustical requirements are checked against the discharge tables on pages 60 and 65.

Fan Data

Unit Size	CFM Range
208	300-700
308	500-1000
424	800-1600

Inlet Data

Unit Size	CFM Range
8	140-700
16x8	250-1600

ECM Electrical Data

Unit Size	Motor HP	Motor Full Load Amps	
		120V	277V
3	1/3	4.1	2.1
4	(Two) 1/3	8.6	4.6

PSC Electrical Data

Unit Size	Motor HP	Motor Full Load Amps		
		120V	208/240V	277V
2	1/6	3.9	1.6	1.2
3	1/4	5.8	2.4	1.8
4	(Two) 1/6	8.2	3.4	2.5

