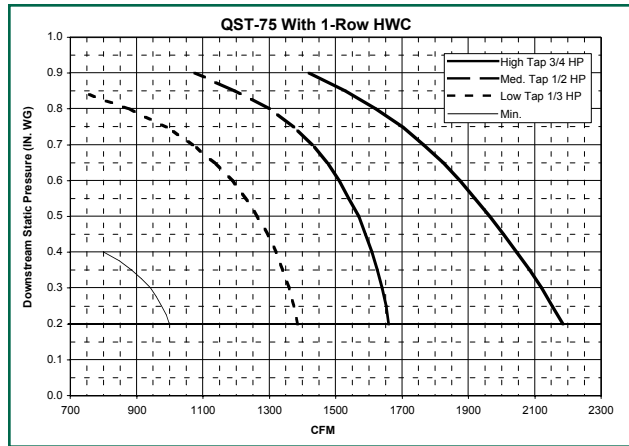
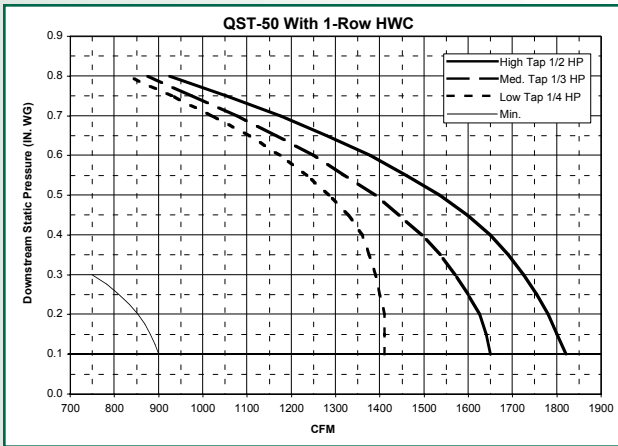
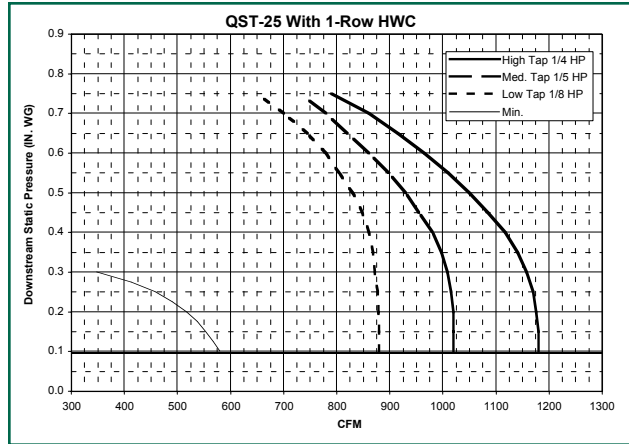
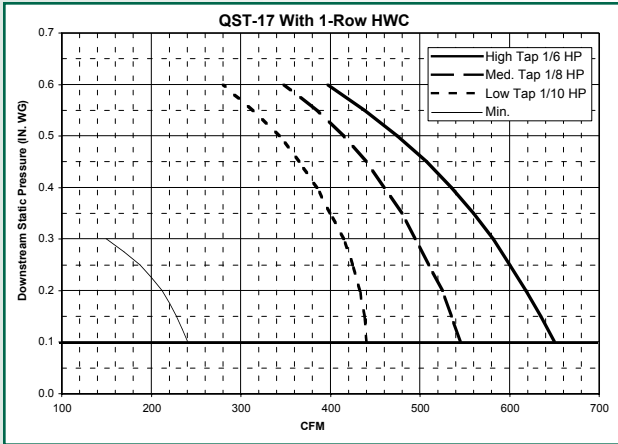


Graph 3: Fan Performance Data: 1-Row Hot Water Coils (120V & 277V / 1Ø / 60Hz)



Notes:

1. These curves represent maximum fan performance for each motor tap. - 120V or 277V.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.

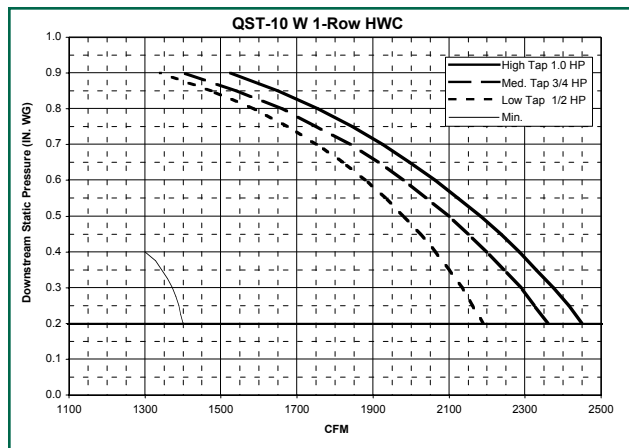
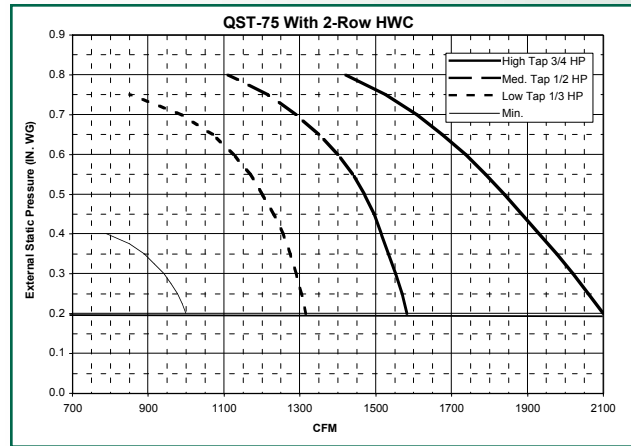
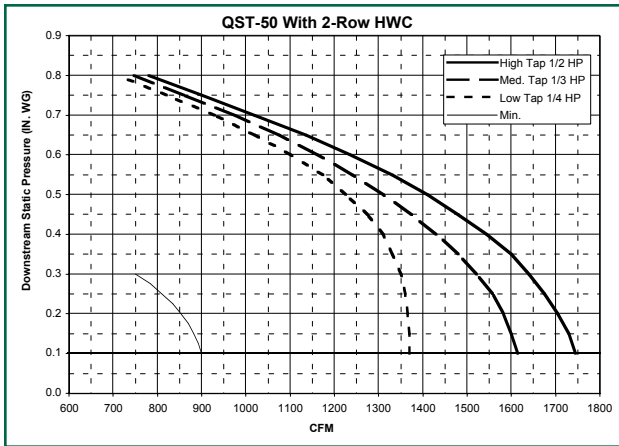
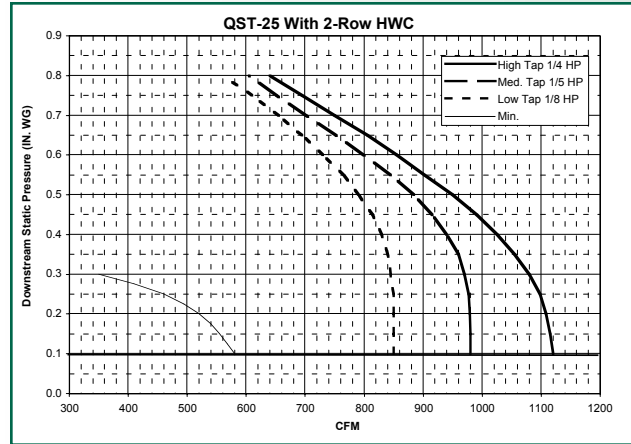
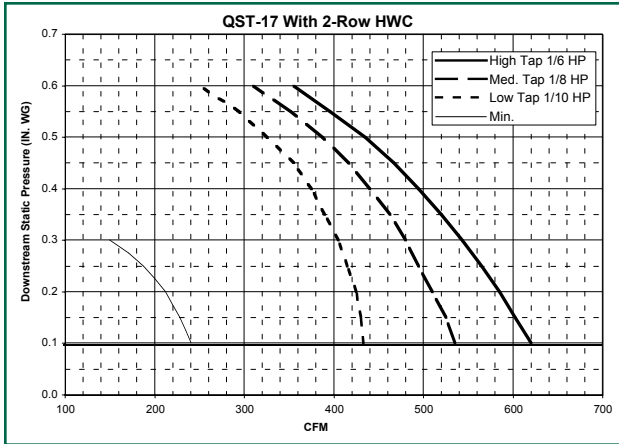


Table 36: Motor Amp Draw

Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
115V	2.5	2.2	1.8	6.0	5.0	4.0	8.5	8.0	7.0	11.0	8.0	6.0	12.5	11.5	10.5
277V	1.0	0.8	0.5	2.5	2.0	1.5	4.0	3.5	3.0	4.0	3.0	2.0	5.0	4.5	4.0

Graph 4: Fan Performance Data: 2-Row Hot Water Coils (120V & 277V / 1Ø / 60Hz)



Notes:

1. These curves represent maximum fan performance for each motor tap. - 120V or 277V.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.

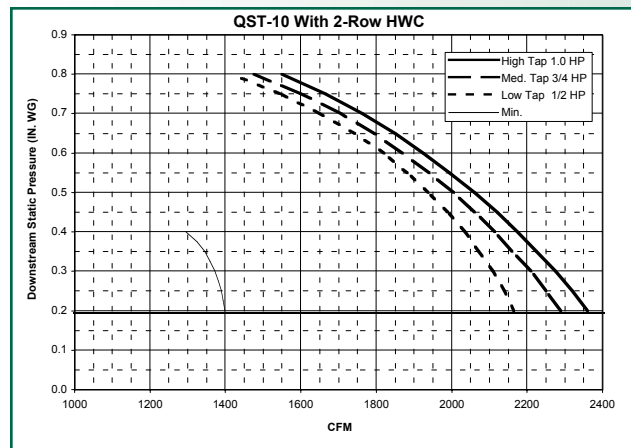
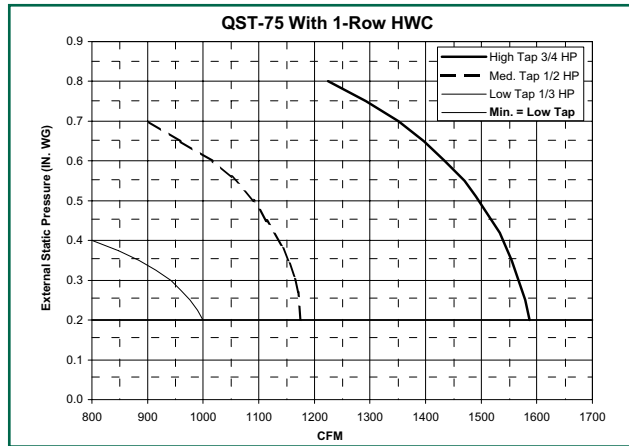
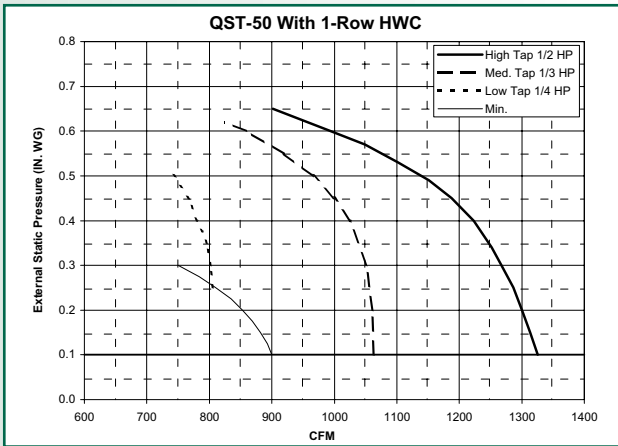
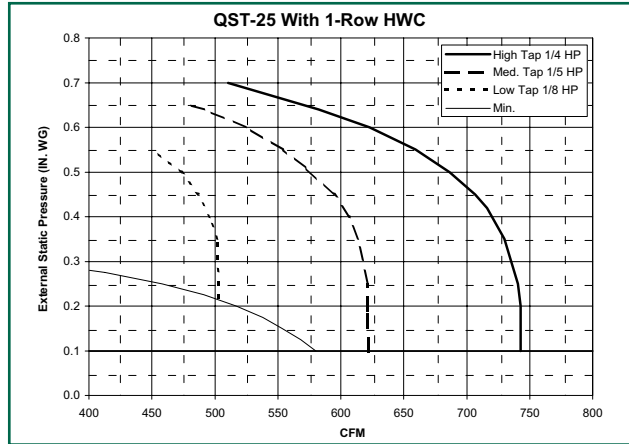
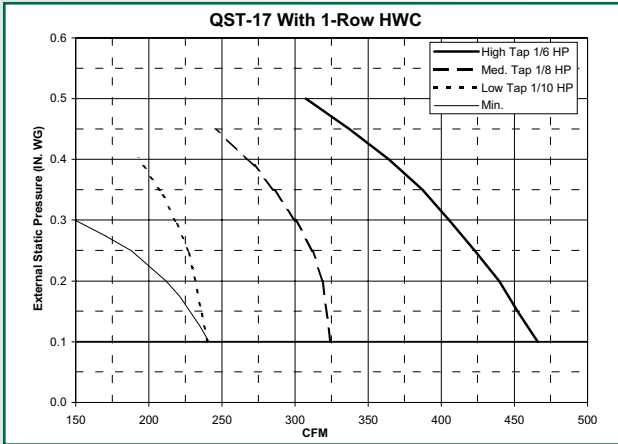


Table 37: Motor Amp Draw

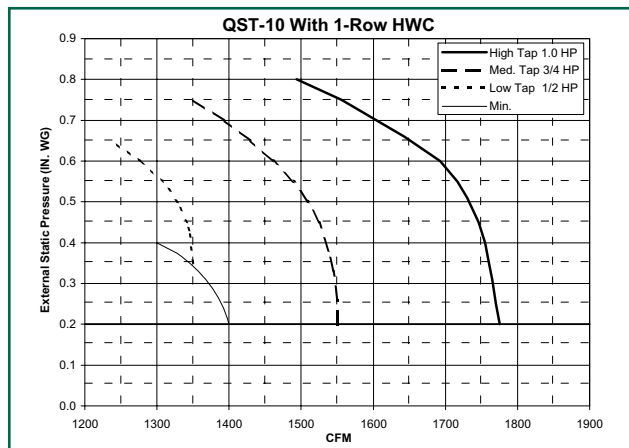
Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
115V	2.5	2.2	1.8	6.0	5.0	4.0	8.5	8.0	7.0	11.0	8.0	6.0	12.5	11.5	10.5
277V	1.0	0.8	0.5	2.5	2.0	1.5	4.0	3.5	3.0	4.0	3.0	2.0	5.0	4.5	4.0

Table 3.1 – Fan Performance Data: 1-Row Hot Water Coils (208V / 1Ø / 60Hz)



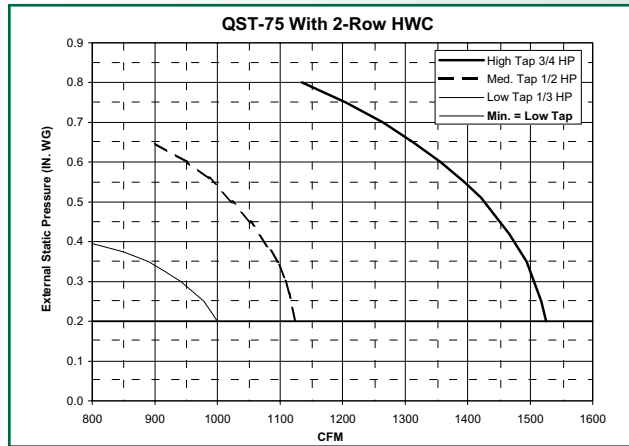
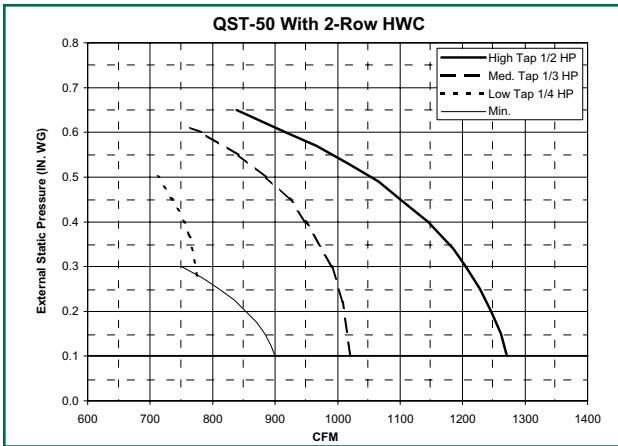
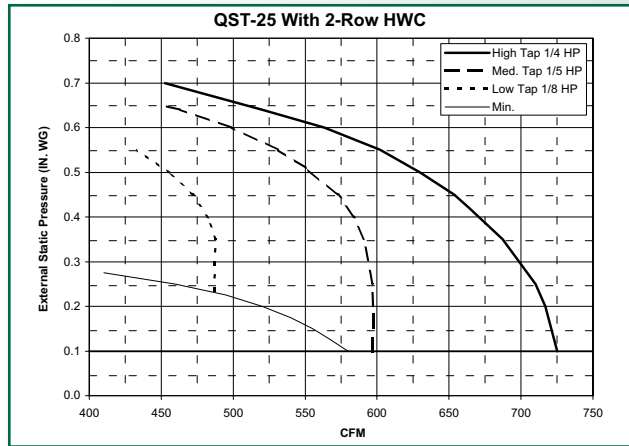
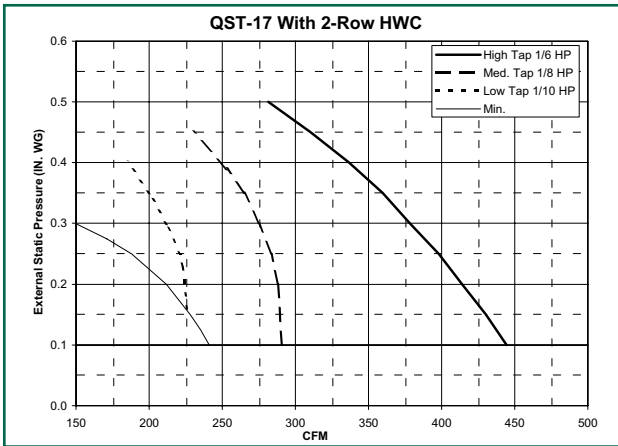
Notes:

1. Fan curves represent a 277 volt motor operating at 208 volts.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.



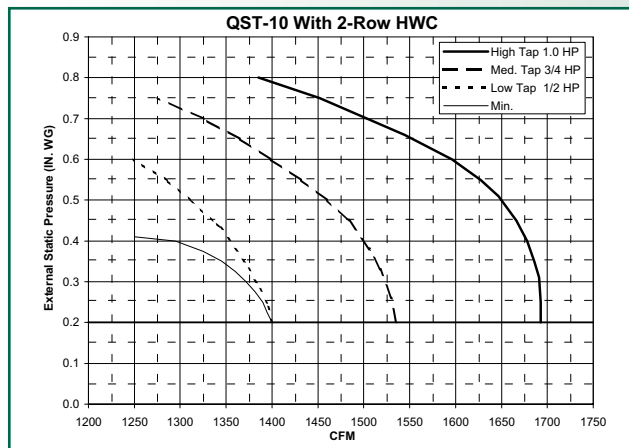
Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
208V	0.9	0.6	0.5	2.3	1.8	1.4	3.6	3.2	2.5	3.8	2.6	1.9	4.7	4.0	3.3

Table 4.1 – Fan Performance Data: 2-Row Hot Water Coils (208V / 1Ø / 60Hz)



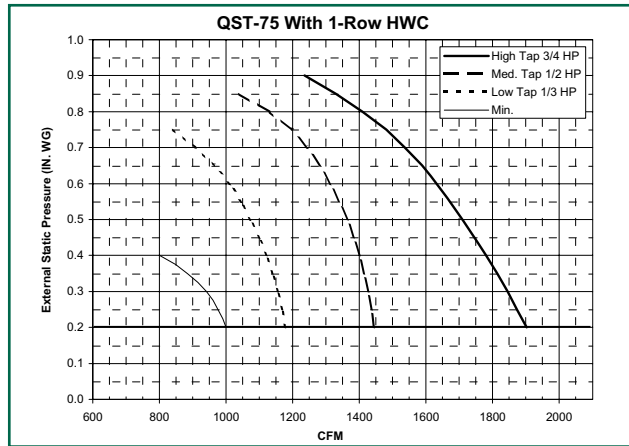
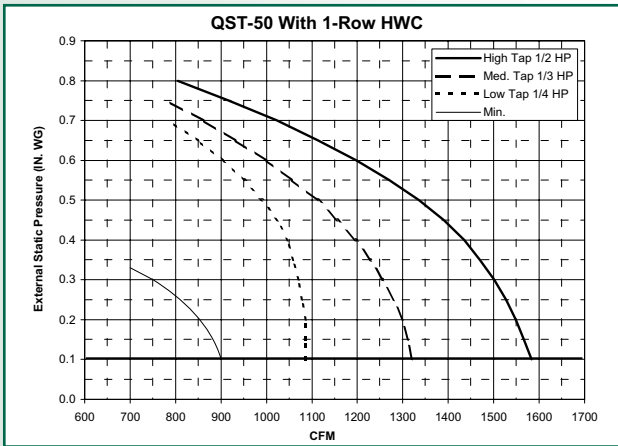
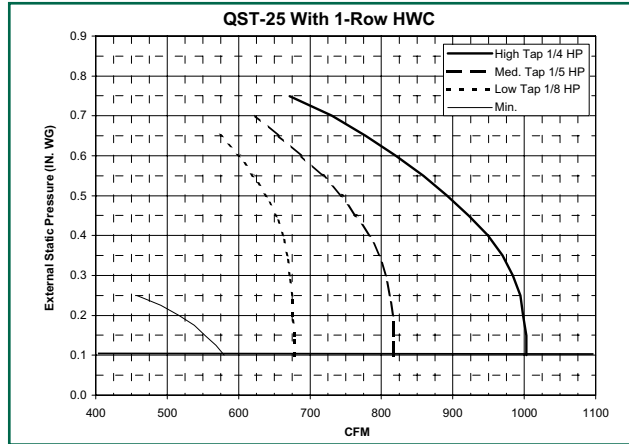
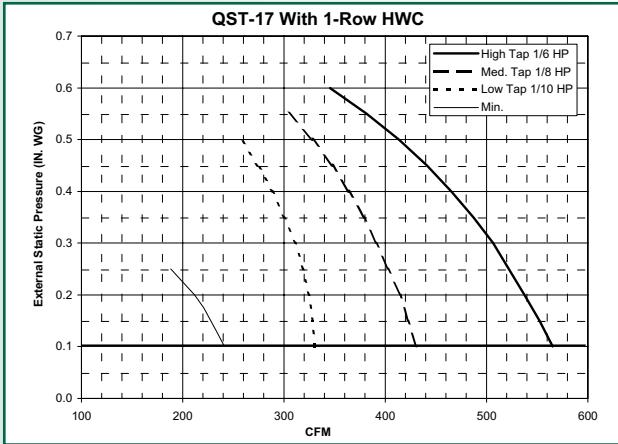
Notes:

1. Fan curves represent a 277 volt motor operating at 208 volts.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.



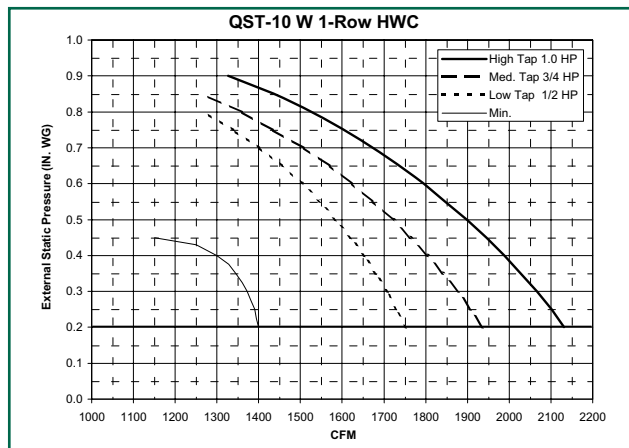
Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
208V	0.9	0.6	0.5	2.3	1.8	1.4	3.6	3.2	2.5	3.8	2.6	1.9	4.7	4.0	3.3

Table 3.2 – Fan Performance Data: 1-Row Hot Water Coils (240V / 1Ø / 60Hz)



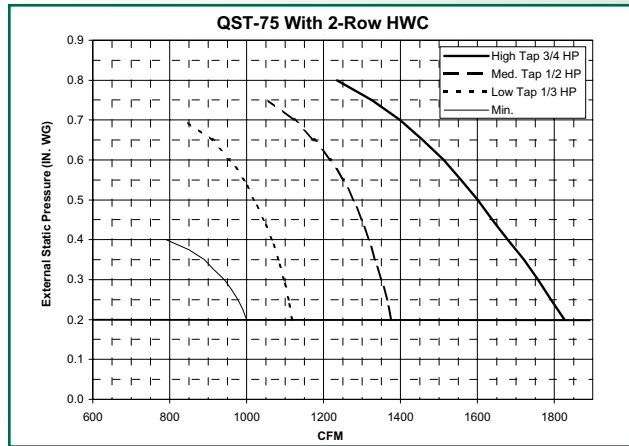
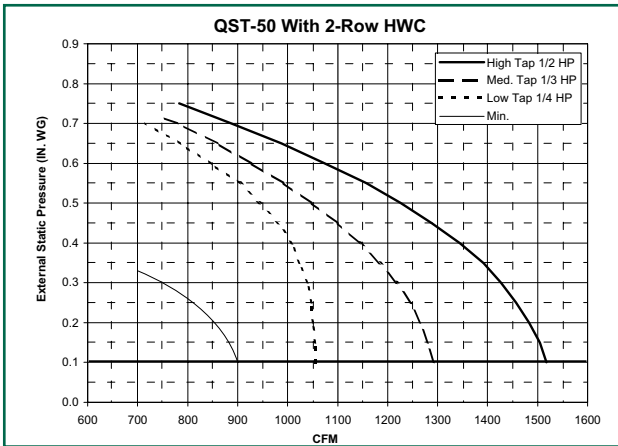
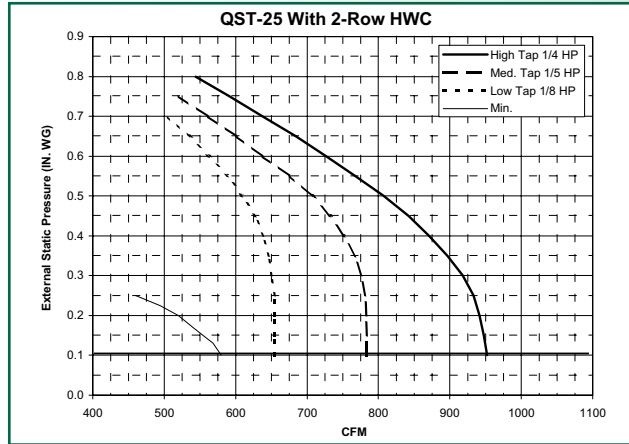
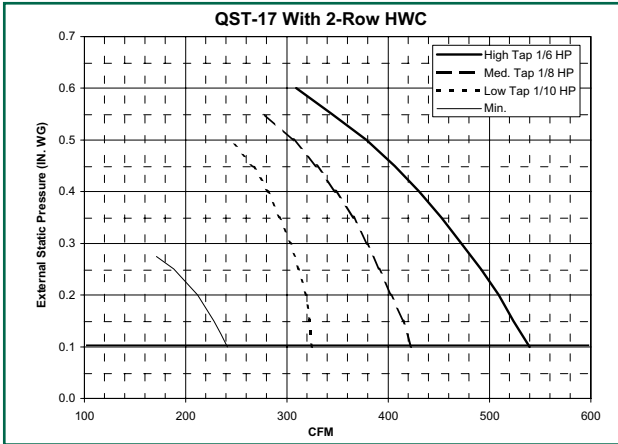
Notes:

1. Fan curves represent a 277 volt motor operating at 240 volts.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.



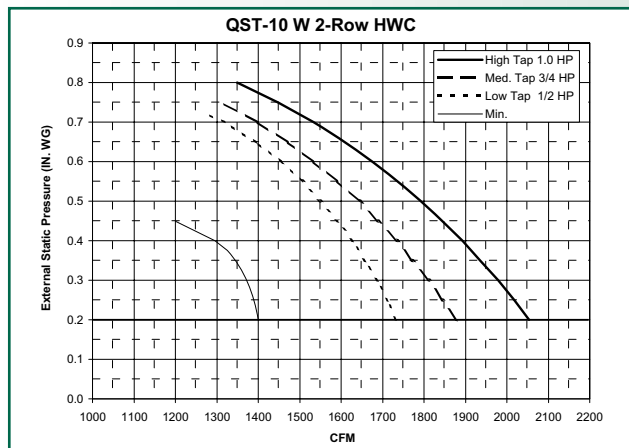
Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
240V	1.0	0.7	0.5	2.4	1.9	1.5	3.9	3.5	2.8	4.0	2.8	2.0	4.9	4.3	3.7

Table 4.2 – Fan Performance Data: 2-Row Hot Water Coils (240V / 1Ø / 60Hz)



Notes:

1. Fan curves represent a 277 volt motor operating at 240 volts.
2. A fan speed controller can be used to obtain any flow between curves (below High tap curve and above Min. curve).
3. For best motor efficiency, use the lowest motor tap necessary in conjunction with the fan speed controller to obtain desired flow conditions.
4. Operating the unit below min. curve will result in significantly reduced motor life.



Size	Max Fan Motor Amperage (FLA)														
	17			25			50			75			10		
Tap	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
HP	1/6	1/8	1/10	1/4	1/5	1/8	1/2	1/3	1/4	3/4	1/2	1/3	1.0	3/4	1/2
240V	1.0	0.7	0.5	2.4	1.9	1.5	3.9	3.5	2.8	4.0	2.8	2.0	4.9	4.3	3.7