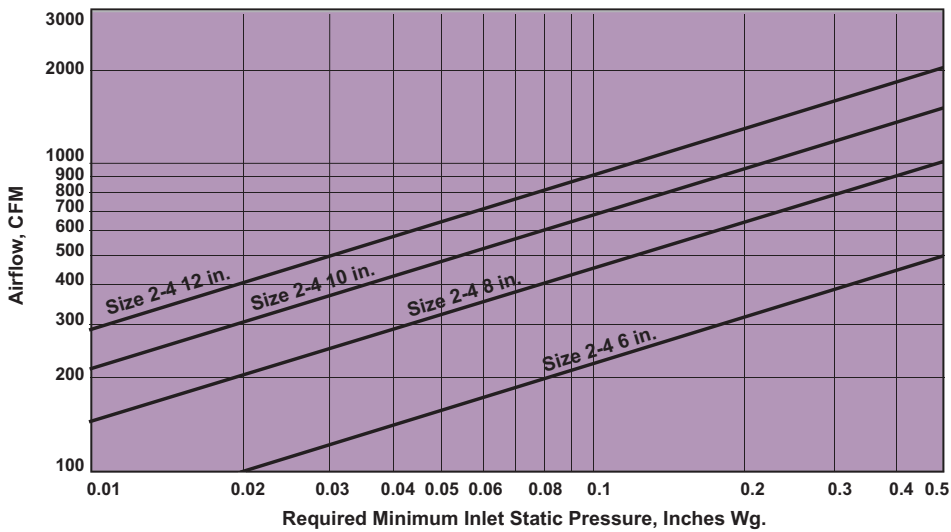


PRIMARY AIR CFM RANGES

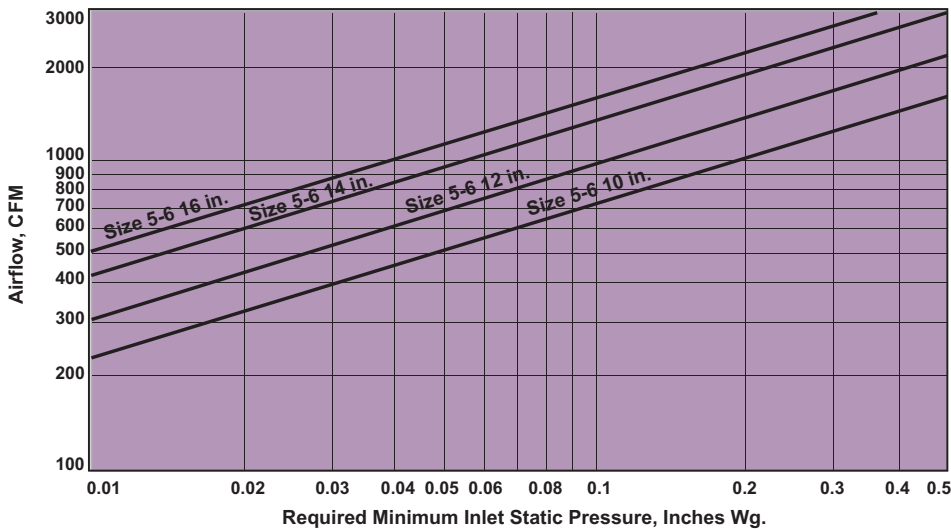
Inlet Size	Total cfm Range	PTQP TITUS II, IIA Pneumatic Controller		PTQP TITUS I Pneumatic Controller		ATQP TITUS TA1 Analog Electronic Controller		DTQP Typical Digital Controller	
		Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
6	0-500	*80-330	150-500	*105-350	150-500	*80-500	80-500	*45-500	45-500
8	0-900	*145-590	265-900	*190-590	265-900	*145-900	145-900	*90-900	90-900
10	0-1400	*230-925	415-1400	*300-925	415-1400	*230-1400	230-1400	*145-1400	145-1400
12	0-2000	*325-1330	600-2000	*425-1330	600-2000	*325-2000	325-2000	*190-2000	190-2000
14	0-3000	*450-1800	840-3000	*575-1800	810-3000	*450-3000	450-3000	*300-3000	300-3000
16	0-4000	*580-2350	1100-4000	*750-2350	1100-4000	*580-4000	580-4000	*385-4000	385-4000

Note: An asterisk (\*) indicates factory cfm settings (except zero) will not be made below this range because control accuracy is reduced. On pressure dependent units, minimum cfm is always zero and there is no maximum.

PTQP, ATQP, DTQP / PRIMARY AIR INLET PRESSURES: SIZES 2-4

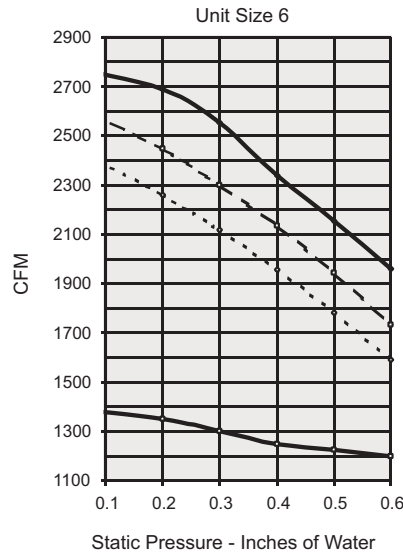
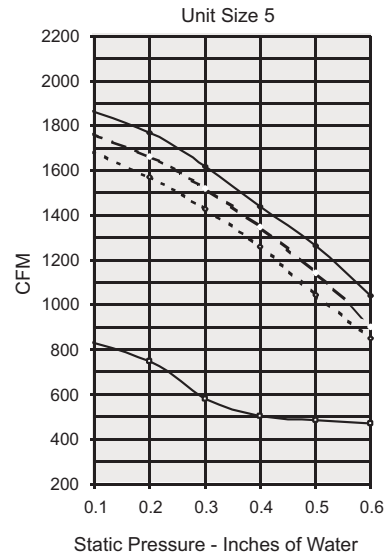
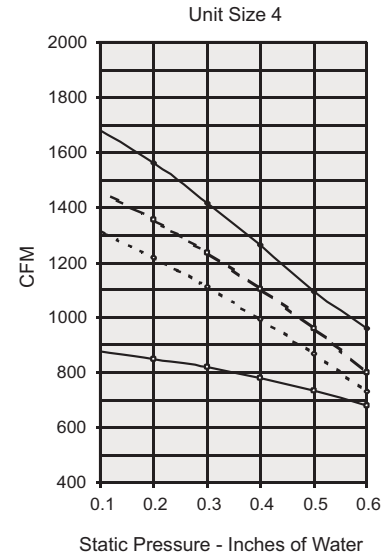
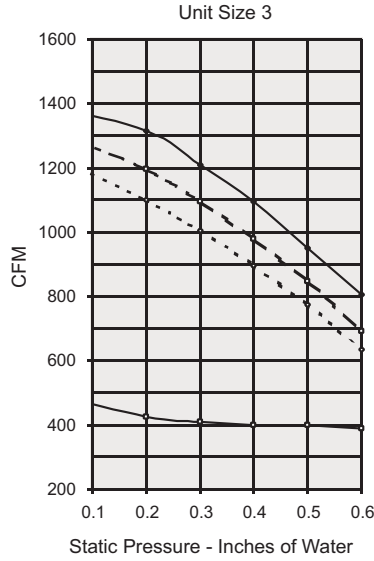
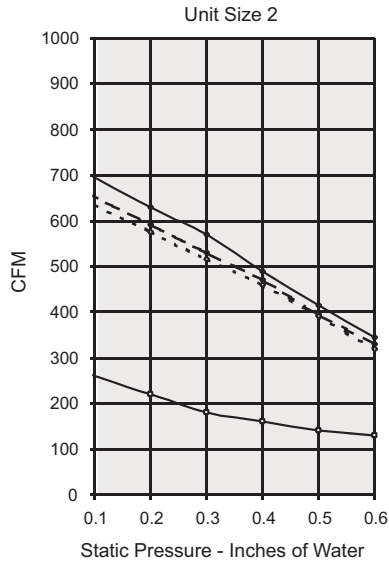


PTQP, ATQP, DTQP / PRIMARY AIR INLET PRESSURES: SIZES 5-6



Note: See section Engineering Guidelines and topic 'Sizing Basic Terminals from Capacity Table' to select and size terminal units

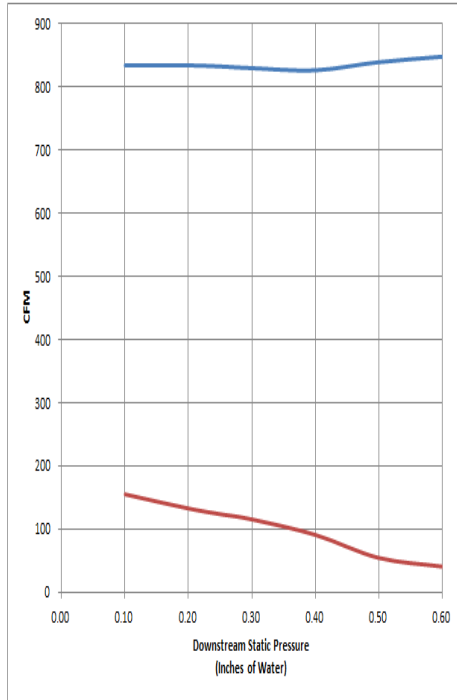
PTQP, ATQP, DTQP / AIRFLOW VS. DOWNSTREAM STATIC PRESSURE



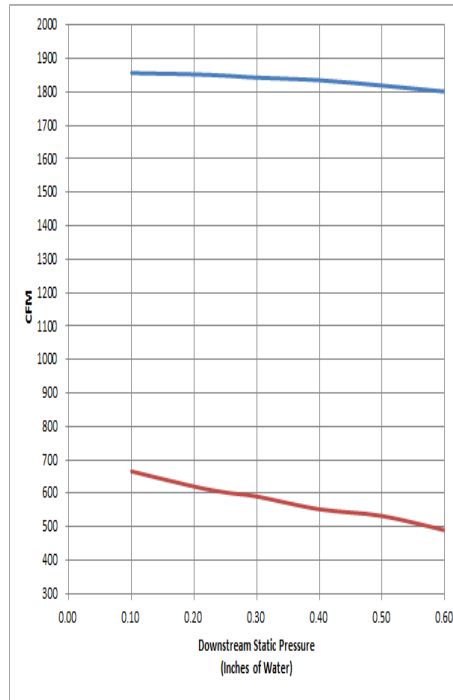
No Coil or with Electric Coil ———  
 1 Row Water Coil - - - - -  
 2 Row Water Coil ·····

PTQP, ATQP, DTQP WITH ECM / AIRFLOW VS. DOWNSTREAM STATIC PRESSURE

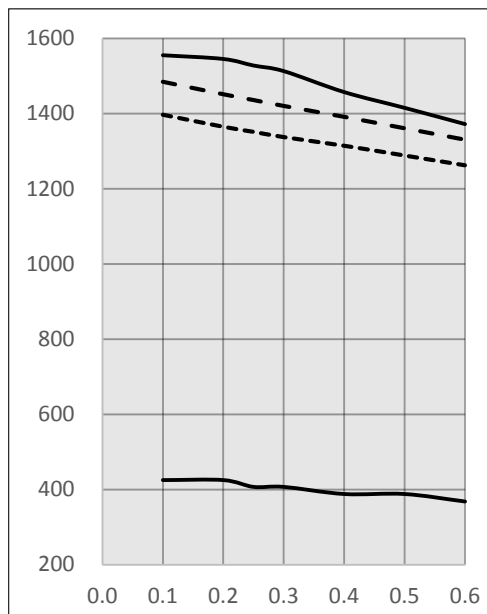
TQP / SIZE 3 - ECM MOTOR



TQP / SIZE 5 - ECM MOTOR

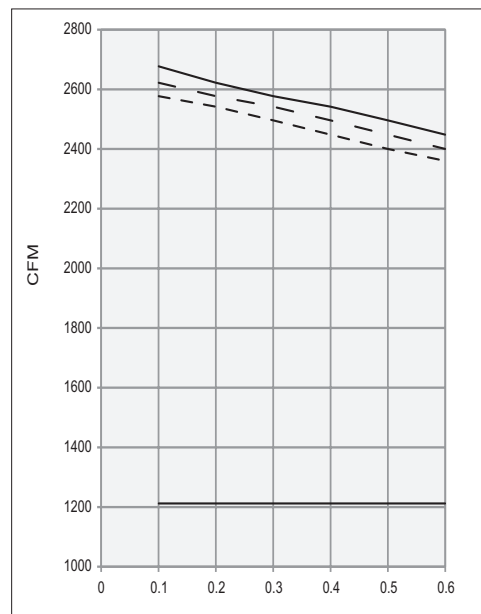


TQP / SIZE 4 - ECM MOTOR



Static Pressure - inches of water

TQP / SIZE 6 - ECM MOTOR



Static Pressure - inches of water

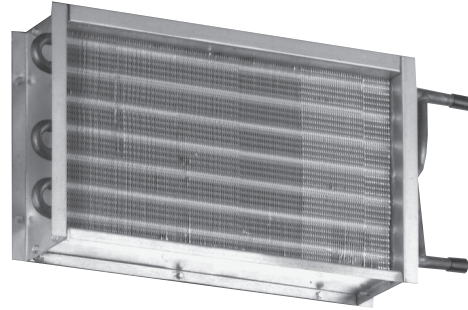
PTQP, ATQP, DTQP / WATER COIL HEATING CAPACITY (MBH)

Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				180	230	280	330	380	430	480	530	580
2	One Row	1.0	0.17	9.4	10.7	11.8	12.7	13.5	14.2	14.9	15.4	16.0
		2.0	0.53	10.2	11.7	13.1	14.2	15.3	16.2	17.1	17.9	18.6
		4.0	1.97	10.6	12.3	13.8	15.1	16.3	17.4	18.4	19.3	20.2
		6.0	4.27	10.7	12.5	14.0	15.4	16.7	17.8	18.9	19.9	20.8
		Airside ΔPs		0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
	Two Row	1.0	0.34	14.0	16.3	18.3	20.0	21.5	22.8	24.0	25.0	25.9
		2.0	1.01	15.2	18.1	20.3	23.0	25.0	26.9	28.7	30.2	31.7
		4.0	3.72	15.8	19.0	21.9	24.6	27.0	29.3	31.4	33.3	35.2
		6.0	8.04	16.0	19.3	22.3	25.1	27.7	30.1	32.4	34.5	36.5
		Airside ΔPs		0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.06	0.07
Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				400	510	620	730	840	950	1060	1170	1280
3	One Row	1.0	0.17	13.8	15.2	16.3	17.3	18.0	18.7	19.3	19.8	20.3
		2.0	0.53	15.7	17.6	19.1	20.5	21.6	22.7	23.6	24.4	25.2
		4.0	1.96	16.8	19.0	20.8	22.5	23.9	25.1	26.3	27.3	28.3
		6.0	4.26	17.2	19.5	21.5	23.2	24.7	26.1	27.3	28.5	29.5
		Airside ΔPs		0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.12
	Two Row	1.0	0.35	22.1	24.6	26.6	28.2	29.5	30.6	31.6	32.4	-
		2.0	1.01	25.8	29.6	32.8	35.5	37.8	39.8	41.6	43.2	-
		4.0	3.71	27.9	32.6	36.6	40.1	43.1	45.9	48.4	50.6	-
		6.0	8.02	28.7	33.7	38.0	41.8	45.2	48.2	51.0	53.6	-
		Airside ΔPs		0.04	0.05	0.07	0.10	0.12	0.15	0.17	0.20	-
Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				800	870	940	1010	1080	1150	1220	1290	1360
4	One Row	1.0	0.17	17.8	18.2	18.6	19.0	19.4	19.7	20.0	20.3	20.6
		2.0	0.53	21.2	21.9	22.6	23.2	23.7	24.3	24.8	25.2	25.7
		4.0	1.96	23.4	24.2	25.0	25.8	26.5	27.1	27.8	28.4	28.9
		6.0	4.25	24.2	25.1	26.0	26.8	27.5	28.3	28.9	29.4	30.2
		Airside ΔPs		0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	Two Row	1.0	0.36	29.1	29.8	30.4	31.1	31.7	32.2	32.7	33.1	33.5
		2.0	1.01	37.0	38.4	39.7	40.9	41.9	43.0	43.9	44.8	45.6
		4.0	3.70	42.1	43.9	45.7	47.3	48.8	50.2	51.6	52.9	54.1
		6.0	8.00	44.0	46.1	48.0	49.8	51.5	53.1	54.7	56.1	57.5
		Airside ΔPs		0.11	0.13	0.14	0.16	0.18	0.20	0.2	0.2	0.3
Unit Size	Rows	GPM	Head Loss	Airflow, cfm								
				800	910	1020	1130	1240	1350	1460	1570	1680
5	One Row	1.0	0.25	22.7	23.7	24.6	25.3	26.0	26.6	27.2	27.7	28.1
		2.0	0.78	27.4	29.0	30.3	31.6	32.7	33.7	34.7	35.6	36.4
		4.0	2.86	30.2	32.2	34.0	35.6	37.0	38.4	39.7	40.8	41.9
		6.0	6.20	31.4	33.5	35.4	37.1	38.7	40.2	41.6	42.9	44.1
		Airside ΔPs		0.02	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.08
	Two Row	1.0	0.52	34.4	35.8	37.1	38.1	39.0	39.8	40.5	41.1	41.7
		2.0	1.49	44.4	47.2	49.8	52.0	54.0	55.8	57.4	58.9	60.3
		4.0	5.48	50.7	54.6	58.2	61.4	64.4	67.2	69.8	72.1	74.4
		6.0	5.48	50.7	54.6	58.2	61.4	64.4	67.2	69.8	72.1	74.4
		Airside ΔPs		0.05	0.06	0.07	0.08	0.09	0.11	0.12	0.14	0.15
Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				1300	1450	1600	1750	1900	2050	2200	2350	2500
6	One Row	1.0	0.25	26.4	27.1	27.8	28.4	28.9	29.4	29.9	30.3	30.6
		2.0	0.77	33.3	34.6	35.8	36.9	37.9	38.8	39.6	40.4	41.1
		4.0	2.85	37.8	39.5	41.1	42.6	44.0	45.2	46.4	47.5	48.5
		6.0	6.19	39.5	41.5	43.3	44.9	46.4	47.8	49.1	50.3	51.5
		Airside ΔPs		0.05	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14
	Two Row	1.0	0.53	39.5	40.4	41.3	42.0	42.6	43.1	43.6	44.1	44.4
		2.0	1.49	55	57.3	59.3	61.1	62.7	64.2	65.5	66.7	67.8
		4.0	5.45	66	69.5	72.8	75.7	78.4	80.9	83.2	85.3	87.3
		6.0	5.45	66	69.8	72.8	75.7	78.4	80.9	83.2	85.3	87.3
		Airside ΔPs		0.10	0.12	0.14	0.16	0.19	0.21	0.24	0.26	0.29

## PERFORMANCE DATA

## fan powered terminals

- All coil performance in accordance with AHRI 410-2001
- Heating capacities are in MBH
- Data based on 180°F entering water and 75°F entering air
- For temperature differentials other than 105°, multiply MBH by correction factors below
- Head loss is in feet of water
- Always supply water to lowest connection pipe to prevent air entrapment
- Air temperature rise = 927 x MBH/cfm
- Water temperature drop = 2.04 x MBH/gpm
- Connection size is 5/8" OD male solder
- Coils are not intended for steam applications and are labeled for a maximum water temperature of 200°F
- Coils are tested for leakage at test pressure of 500 psi
- Water volumes less than those shown may result in laminar flow and reduced heating capacity. If possible reduce the number of coil rows to increase water velocity into turbulent range.



Correction factors for other entering conditions:

$\Delta T$	50	60	70	80	90	100	115	125	140	150
Factor	0.52	0.6	0.69	0.78	0.87	0.96	1.08	1.15	1.28	1.38

PTQP, ATQP, DTQP / RADIATED SOUND PERFORMANCE / PRIMARY AIR ONLY

Unit Size	Inlet Size	cfm	Min ΔPs	Octave Band Sound Power, Lw																											
				1.0" ΔPs							1.5" ΔPs							2.0" ΔPs													
				2	3	4	5	6	7	NC	2	3	4	5	6	7	NC	2	3	4	5	6	7	NC							
2-3	6	300	0.18	57	51	47	39	35	31	<b>21</b>	60	54	51	41	38	35	<b>25</b>	62	56	53	43	40	38	<b>28</b>							
		350	0.24	58	53	49	41	37	32	<b>23</b>	61	56	52	43	40	36	<b>27</b>	63	58	55	45	42	39	<b>30</b>							
		400	0.32	58	54	51	42	38	33	<b>25</b>	61	57	54	45	41	37	<b>29</b>	64	59	56	47	43	40	<b>31</b>							
		450	0.40	59	55	52	44	40	34	<b>27</b>	62	58	55	46	43	38	<b>30</b>	64	60	58	48	45	41	<b>33</b>							
		500	0.50	60	56	53	45	41	35	<b>28</b>	63	59	57	47	44	39	<b>32</b>	65	61	59	49	46	42	<b>34</b>							
2-4	8	600	0.17	63	56	51	44	37	29	<b>26</b>	66	60	55	47	41	34	<b>30</b>	68	63	57	50	44	37	<b>33</b>							
		650	0.20	63	57	52	45	38	30	<b>27</b>	66	61	55	48	42	34	<b>30</b>	68	64	58	51	44	37	<b>34</b>							
		700	0.24	64	58	52	46	38	30	<b>28</b>	67	62	56	49	42	35	<b>31</b>	69	64	59	51	45	38	<b>34</b>							
		750	0.27	64	59	53	46	39	31	<b>29</b>	67	63	56	50	43	35	<b>33</b>	69	65	59	52	46	38	<b>35</b>							
		800	0.31	64	60	53	47	40	31	<b>30</b>	67	63	57	50	43	35	<b>33</b>	69	66	60	52	46	38	<b>36</b>							
2-4	10	900	0.18	66	57	54	49	39	30	<b>29</b>	70	61	58	53	44	34	<b>34</b>	72	64	60	56	47	38	<b>37</b>							
		1000	0.22	67	58	54	49	40	30	<b>31</b>	71	62	58	54	44	35	<b>36</b>	73	65	61	57	48	38	<b>38</b>							
		1100	0.26	68	59	54	50	40	31	<b>32</b>	71	63	58	54	45	35	<b>36</b>	74	66	61	57	48	39	<b>40</b>							
		1200	0.31	68	60	55	50	41	31	<b>32</b>	72	64	59	54	45	36	<b>37</b>	74	66	62	57	49	39	<b>40</b>							
		1300	0.37	69	60	55	50	41	32	<b>33</b>	72	64	59	55	46	36	<b>37</b>	75	67	62	58	49	39	<b>41</b>							
2-4	12	1200	0.17	68	59	56	50	40	31	<b>32</b>	72	63	59	54	44	35	<b>37</b>	75	66	62	57	47	38	<b>41</b>							
		1400	0.23	69	60	57	50	41	32	<b>33</b>	73	64	60	55	45	36	<b>38</b>	76	67	63	58	48	39	<b>42</b>							
		1600	0.30	71	61	57	51	42	33	<b>36</b>	75	65	61	55	46	37	<b>41</b>	77	68	63	58	49	40	<b>43</b>							
		1800	0.38	72	62	58	51	43	34	<b>37</b>	76	66	62	55	47	38	<b>42</b>	79	68	64	58	50	41	<b>46</b>							
		2000	0.47	73	62	59	51	44	34	<b>38</b>	77	66	62	55	48	39	<b>43</b>	80	69	65	59	51	42	<b>47</b>							
4	14	1500	0.22	69	61	56	49	45	38	<b>33</b>	72	66	60	54	50	44	<b>37</b>	75	69	63	57	54	48	<b>41</b>							
		1800	0.32	70	62	57	49	46	38	<b>35</b>	74	67	61	54	51	44	<b>40</b>	77	70	64	58	54	48	<b>43</b>							
		2100	0.43	71	63	58	50	46	39	<b>37</b>	75	67	62	55	51	45	<b>41</b>	78	71	65	58	55	49	<b>45</b>							
		2400	0.56	72	63	58	50	47	39	<b>36</b>	76	68	63	55	52	45	<b>42</b>	79	71	66	59	55	49	<b>46</b>							
		2700	0.71	73	64	59	51	47	40	<b>38</b>	77	68	63	55	52	45	<b>43</b>	80	72	67	59	56	49	<b>47</b>							
5	10	900	0.16	66	56	49	45	39	32	<b>29</b>	69	60	52	48	43	37	<b>33</b>	71	62	55	50	46	41	<b>36</b>							
		1000	0.19	67	57	50	46	40	33	<b>31</b>	70	61	53	49	44	38	<b>34</b>	72	63	56	51	47	41	<b>37</b>							
		1100	0.23	68	58	50	47	40	33	<b>32</b>	71	62	54	50	45	38	<b>36</b>	73	64	57	52	48	42	<b>38</b>							
		1200	0.28	69	59	51	47	41	33	<b>33</b>	72	63	55	51	45	39	<b>37</b>	74	65	58	53	48	42	<b>40</b>							
		1300	0.32	69	60	52	48	41	34	<b>33</b>	73	64	56	51	46	39	<b>38</b>	75	66	58	54	49	43	<b>41</b>							
5-6	12	1200	0.15	66	58	52	46	41	33	<b>29</b>	69	61	55	49	45	38	<b>33</b>	72	64	57	52	48	42	<b>37</b>							
		1400	0.21	67	59	53	47	42	34	<b>31</b>	71	63	56	50	46	39	<b>36</b>	73	65	59	53	49	43	<b>38</b>							
		1600	0.27	69	60	54	48	42	34	<b>33</b>	72	64	57	52	47	40	<b>37</b>	75	66	60	54	50	43	<b>41</b>							
		1800	0.35	70	61	55	49	43	35	<b>34</b>	74	65	59	52	48	40	<b>40</b>	76	67	61	55	51	44	<b>42</b>							
		2000	0.43	71	62	56	50	44	36	<b>36</b>	75	66	60	53	48	41	<b>41</b>	77	68	62	56	51	44	<b>43</b>							
5-6	14	1500	0.12	69	61	56	49	45	38	<b>33</b>	72	66	60	54	50	44	<b>37</b>	75	69	63	57	54	48	<b>41</b>							
		1800	0.18	70	62	57	49	46	38	<b>34</b>	74	67	61	54	51	44	<b>40</b>	77	70	64	58	54	48	<b>43</b>							
		2100	0.24	71	63	58	50	46	39	<b>36</b>	75	67	62	55	51	45	<b>41</b>	78	71	65	58	55	49	<b>45</b>							
		2400	0.32	72	63	58	50	47	39	<b>37</b>	76	68	63	55	52	45	<b>42</b>	79	71	66	59	55	49	<b>46</b>							
		2700	0.40	73	64	59	51	47	40	<b>38</b>	77	68	63	55	52	45	<b>43</b>	80	72	67	59	56	49	<b>47</b>							
5-6	16	2000	0.16	68	61	55	49	45	37	<b>32</b>	72	65	59	54	49	42	<b>37</b>	75	68	62	57	53	46	<b>41</b>							
		2400	0.23	69	61	57	50	45	37	<b>33</b>	73	66	60	55	50	43	<b>38</b>	76	69	63	58	53	47	<b>42</b>							
		2800	0.32	70	62	58	50	46	38	<b>34</b>	74	66	61	55	50	43	<b>40</b>	77	69	64	58	54	47	<b>43</b>							
		3200	0.42	71	63	58	51	46	38	<b>36</b>	75	67	62	55	51	43	<b>41</b>	78	70	65	59	54	47	<b>45</b>							
		3600	0.53	71	63	59	51	47	38	<b>36</b>	76	68	63	56	51	44	<b>42</b>	78	71	66	59	55	48	<b>45</b>							

- Radiated sound is the noise transmitted through the unit casing and emitted from the induction port
- Min ΔPs is the static pressure drop from the unit inlet to the unit outlet with primary damper full open
- Sound power levels are in dB, ref 10<sup>-12</sup> watts
- Sound performance based on units lined with standard dual density fiberglass lining
- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N89 for AHRI Certified Performance Listings.

PTQP, ATQP, DTQP / DISCHARGE SOUND PERFORMANCE / PRIMARY AIR ONLY

Unit Size	Inlet Size	cfm	Min ΔPs	Octave Band Sound Power, Lw																											
				1.0" ΔPs							1.5" ΔPs							2.0" ΔPs													
				2	3	4	5	6	7	NC	2	3	4	5	6	7	NC	2	3	4	5	6	7	NC							
2-4	6	300	0.18	68	55	45	39	38	36	<b>21</b>	71	58	48	42	41	40	<b>25</b>	72	60	50	44	43	43	<b>26</b>							
		350	0.24	69	56	46	41	39	37	<b>22</b>	71	59	50	44	42	41	<b>25</b>	73	61	52	46	45	43	<b>28</b>							
		400	0.32	70	57	48	43	40	38	<b>24</b>	72	60	51	45	43	41	<b>26</b>	74	62	54	47	46	44	<b>29</b>							
		450	0.40	70	57	49	44	41	38	<b>24</b>	73	60	52	47	44	42	<b>28</b>	74	63	55	49	47	45	<b>29</b>							
		500	0.50	71	58	50	45	42	39	<b>25</b>	73	61	54	48	46	43	<b>28</b>	75	63	56	50	47	45	<b>30</b>							
2-4	8	600	0.17	73	60	49	46	41	37	<b>28</b>	76	64	53	49	46	42	<b>31</b>	77	67	56	52	49	46	<b>33</b>							
		650	0.20	74	61	50	47	42	38	<b>29</b>	76	65	54	50	46	43	<b>31</b>	78	68	57	52	49	46	<b>34</b>							
		700	0.24	74	62	50	47	42	38	<b>29</b>	76	66	54	51	47	43	<b>31</b>	78	69	57	53	50	47	<b>34</b>							
		750	0.27	74	63	51	48	43	39	<b>26</b>	77	67	55	51	47	44	<b>30</b>	79	70	58	54	50	47	<b>33</b>							
		800	0.31	75	64	51	49	43	39	<b>28</b>	77	68	55	52	48	44	<b>30</b>	79	70	58	54	51	48	<b>33</b>							
2-4	10	900	0.18	75	60	52	49	44	39	<b>28</b>	78	65	56	53	49	44	<b>31</b>	81	68	59	55	52	48	<b>35</b>							
		1000	0.22	76	61	53	50	45	40	<b>29</b>	79	66	57	53	49	45	<b>33</b>	82	69	60	56	53	48	<b>36</b>							
		1100	0.26	77	62	54	51	45	40	<b>30</b>	80	66	58	54	50	45	<b>34</b>	83	69	61	57	53	49	<b>38</b>							
		1200	0.31	77	63	55	51	46	41	<b>30</b>	81	67	59	55	51	46	<b>35</b>	84	70	61	58	54	50	<b>39</b>							
		1300	0.37	78	63	55	52	46	41	<b>31</b>	82	68	59	56	51	47	<b>36</b>	84	71	62	58	54	50	<b>39</b>							
2-4	12	1200	0.17	75	62	54	49	45	40	<b>28</b>	79	66	58	53	50	44	<b>33</b>	82	69	61	56	53	47	<b>36</b>							
		1400	0.23	77	63	56	50	47	41	<b>30</b>	80	67	59	54	51	46	<b>34</b>	83	70	62	57	54	49	<b>38</b>							
		1600	0.30	78	64	57	51	48	42	<b>31</b>	82	68	61	55	52	47	<b>36</b>	84	71	63	58	55	50	<b>39</b>							
		1800	0.38	79	64	58	52	49	43	<b>33</b>	83	69	62	56	53	48	<b>38</b>	86	72	64	59	56	51	<b>42</b>							
		2000	0.47	80	65	59	53	49	44	<b>34</b>	84	69	63	57	54	49	<b>39</b>	87	72	65	60	57	52	<b>43</b>							
2-4	14	1500	0.22	76	59	55	49	46	40	<b>29</b>	80	62	58	53	50	45	<b>34</b>	83	65	61	56	53	48	<b>38</b>							
		1800	0.32	78	60	56	50	47	42	<b>31</b>	82	64	60	54	51	46	<b>36</b>	85	66	63	57	54	49	<b>40</b>							
		2100	0.43	79	62	58	51	49	43	<b>33</b>	83	65	62	55	53	48	<b>38</b>	86	68	64	58	55	51	<b>42</b>							
		2400	0.56	81	63	59	52	50	44	<b>35</b>	85	67	63	56	54	49	<b>40</b>	88	69	65	59	57	52	<b>44</b>							
		2700	0.71	82	64	60	53	51	46	<b>36</b>	86	68	64	57	55	50	<b>42</b>	89	70	67	60	58	53	<b>45</b>							
5-6	10	900	0.16	76	55	50	46	43	38	<b>29</b>	79	58	54	49	46	42	<b>33</b>	81	61	56	51	49	46	<b>35</b>							
		1000	0.19	77	56	51	48	43	39	<b>30</b>	80	60	55	51	47	43	<b>34</b>	82	62	57	53	50	47	<b>36</b>							
		1100	0.23	78	57	52	49	44	40	<b>31</b>	81	61	56	52	48	44	<b>35</b>	83	63	58	54	51	47	<b>38</b>							
		1200	0.28	78	58	53	50	45	40	<b>31</b>	82	62	57	53	49	45	<b>36</b>	84	65	59	55	52	48	<b>39</b>							
		1300	0.32	79	59	54	50	46	41	<b>33</b>	83	63	57	53	50	45	<b>38</b>	85	65	60	55	52	49	<b>40</b>							
5-6	12	1200	0.15	73	56	52	47	44	39	<b>25</b>	77	60	56	51	48	44	<b>30</b>	80	62	58	54	51	47	<b>34</b>							
		1400	0.21	75	57	54	48	45	40	<b>28</b>	79	61	57	52	49	45	<b>33</b>	82	64	60	55	52	48	<b>36</b>							
		1600	0.27	77	59	55	49	46	42	<b>30</b>	81	62	59	53	50	46	<b>35</b>	83	65	61	56	53	49	<b>38</b>							
		1800	0.35	78	59	57	50	47	43	<b>31</b>	82	63	60	54	51	47	<b>36</b>	85	66	62	57	54	50	<b>40</b>							
		2000	0.43	79	60	58	51	48	44	<b>33</b>	83	64	61	55	52	48	<b>38</b>	86	67	63	58	55	51	<b>42</b>							
5-6	14	1500	0.12	75	59	54	49	46	40	<b>28</b>	79	62	57	53	50	45	<b>33</b>	82	65	60	56	53	48	<b>36</b>							
		1800	0.18	77	60	55	50	47	42	<b>30</b>	81	64	59	54	51	46	<b>35</b>	84	66	62	57	54	49	<b>39</b>							
		2100	0.24	78	62	57	51	49	43	<b>31</b>	82	65	61	55	53	48	<b>36</b>	85	68	63	58	55	51	<b>40</b>							
		2400	0.32	80	63	58	52	50	44	<b>34</b>	84	67	62	56	54	49	<b>39</b>	87	69	64	59	57	52	<b>43</b>							
		2700	0.40	81	64	59	53	51	46	<b>35</b>	85	68	63	57	55	50	<b>40</b>	88	70	66	60	58	53	<b>44</b>							
5-6	16	2000	0.16	76	61	56	50	47	41	<b>29</b>	80	65	60	54	51	45	<b>34</b>	83	68	63	57	54	48	<b>38</b>							
		2400	0.23	77	63	58	52	49	43	<b>30</b>	81	67	62	56	53	47	<b>35</b>	84	69	65	59	55	50	<b>39</b>							
		2800	0.32	79	64	59	53	50	44	<b>33</b>	83	68	63	57	54	49	<b>38</b>	86	71	66	60	57	52	<b>42</b>							
		3200	0.42	80	65	61	54	51	46	<b>34</b>	84	69	65	58	55	50	<b>39</b>	87	72	68	61	58	53	<b>43</b>							
		3600	0.53	81	66	62	55	52	47	<b>35</b>	85	70	66	59	57	51	<b>40</b>	88	73	69	62	59	54	<b>44</b>							

- Discharge sound is the noise emitted from the unit discharge into the downstream ductwork
- Min ΔPs is the static pressure drop from the unit inlet to the unit outlet with primary damper full open
- Sound power levels are in dB, ref 10<sup>-12</sup> watts
- Sound performance based on units lined with standard dual density fiberglass lining

- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N89 for AHRI Certified Performance Listings.

PTQP, ATQP, DTQP / SOUND PERFORMANCE / FAN ONLY

Size	CFM	Discharge Ps	RADIATED							DISCHARGE						
			Octave Band Sound Power, Lw							Octave Band Sound Power, Lw						
			Fan Only							Fan Only						
2	3	4	5	6	7	NC	2	3	4	5	6	7	NC			
2	200	0.25	61	54	56	49	44	38	<b>30</b>	69	62	59	50	47	45	<b>26</b>
	300		66	59	59	53	48	43	<b>34</b>	72	66	62	54	50	48	<b>26</b>
	400		71	63	61	56	51	47	<b>36</b>	74	69	64	56	53	50	<b>29</b>
	500		74	65	63	58	53	50	<b>40</b>	76	71	65	58	55	52	<b>31</b>
	600		76	68	64	60	55	52	<b>42</b>	78	73	67	59	57	53	<b>34</b>
3	450	0.25	68	60	60	55	48	42	<b>35</b>	70	64	60	52	48	44	<b>24</b>
	550		69	61	61	56	50	44	<b>36</b>	71	65	61	53	49	46	<b>25</b>
	680		70	63	63	58	52	46	<b>38</b>	72	67	63	54	51	48	<b>26</b>
	800		71	64	64	59	53	48	<b>39</b>	72	67	63	55	52	50	<b>21</b>
	900		72	64	64	59	54	49	<b>39</b>	73	68	64	56	53	51	<b>23</b>
4	850	0.25	72	63	63	59	53	48	<b>38</b>	74	69	65	57	54	52	<b>27</b>
	950		73	65	64	60	54	49	<b>39</b>	75	69	66	58	55	53	<b>28</b>
	1100		74	66	66	62	56	52	<b>41</b>	75	70	67	59	57	55	<b>28</b>
	1200		74	67	67	63	57	53	<b>42</b>	76	71	67	59	58	56	<b>30</b>
	1300		75	68	67	64	58	54	<b>42</b>	76	72	68	60	59	57	<b>31</b>
5	800	0.25	71	63	61	55	51	46	<b>36</b>	73	65	59	52	52	48	<b>25</b>
	1100		74	67	64	60	56	52	<b>40</b>	75	68	62	56	55	53	<b>28</b>
	1200		75	67	65	61	57	53	<b>41</b>	75	68	63	57	56	54	<b>28</b>
	1375		76	69	66	62	59	56	<b>42</b>	76	69	64	58	58	56	<b>29</b>
	1500		77	70	67	64	61	57	<b>43</b>	77	70	65	59	59	57	<b>30</b>
6	1400	0.25	72	68	64	59	56	51	<b>39</b>	74	68	62	56	56	53	<b>26</b>
	1600		74	70	65	60	58	53	<b>41</b>	75	69	64	58	58	55	<b>28</b>
	1800		75	71	66	62	59	56	<b>42</b>	76	70	65	60	59	57	<b>29</b>
	2000		76	72	68	63	61	57	<b>43</b>	78	71	66	61	61	59	<b>31</b>
	2200		77	73	69	65	62	59	<b>44</b>	79	72	67	62	62	61	<b>33</b>

FAN ONLY RADIATED

- Radiated sound is the noise transmitted through the unit casing and emitted from the induction port
- Sound power levels are in dB, ref 10<sup>-12</sup> watts
- Sound performance based on units lined with standard dual density fiberglass lining
- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N89 for AHRI Certified Performance Listings.
- Discharge sound is the noise emitted from the unit discharge into the downstream ductwork

FAN ONLY DISCHARGE

- Sound power levels are in dB, ref 10<sup>-12</sup> watts
- Sound performance based on units lined with standard dual density fiberglass lining
- All performance based on tests conducted in accordance with ASHRAE 130-2008 and AHRI 880-2011
- All NC levels determined using AHRI 885-2008 Appendix E. See Terminal Unit Engineering Guidelines.
- Dash (-) in space denotes NC value less than NC10
- Only highlighted data points are AHRI Certified. See page N89 for AHRI Certified Performance Listings.