PTFS-F, ATFS-F, DTFS-F / WATER COIL HEATING CAPACITY (MBH)

Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				200	250	300	350	400	450	500	550	600
B	One Row	1.0	0.16	14.3	14.8	15.4	15.9	16.3	16.7	17.1	17.5	17.8
		2.0	0.50	16.4	17.2	18.0	18.6	19.3	19.9	20.5	21.0	21.6
		4.0	1.83	17.7	18.6	19.6	20.4	21.2	21.9	22.6	23.3	23.9
		6.0	3.95	18.2	19.2	20.2	21.0	21.9	22.7	23.5	24.1	24.9
		Airside ΔPs		0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03
	Two Row	1.0	0.14	20.4	21.3	22.1	22.8	23.5	24.1	24.7	25.1	25.6
		2.0	0.33	25.0	26.4	27.9	29.1	30.4	31.5	32.6	33.5	34.5
		4.0	1.19	27.4	29.1	31.0	32.6	34.2	35.6	37.1	38.4	39.7
		6.0	2.56	28.2	30.1	32.1	33.8	35.6	37.2	38.8	40.2	41.7
		Airside ΔPs		0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.07

Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				400	490	580	670	760	850	940	1030	1100
C	One Row	1.0	0.16	14.5	15.7	16.7	17.5	18.3	18.9	19.5	20.0	20.4
		2.0	0.50	16.4	18.1	19.5	20.7	21.8	22.8	23.6	24.4	25
		4.0	1.87	17.6	19.5	21.2	22.6	24.0	25.1	26.2	27.2	28
		6.0	4.05	18	20	21.8	23.4	24.8	26.1	27.2	28.2	29.1
		Airside ΔPs		0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09
	Two Row	1.0	0.13	21.5	23.4	24.90	26.20	27.30	28.20	29.00	29.6	30.1
		2.0	0.33	26.4	29.5	32.20	34.50	36.60	38.40	40.00	41.4	42.4
		4.0	1.21	28.9	32.8	36.20	39.30	42.00	44.50	46.80	48.8	50.3
		6.0	2.61	29.8	34	37.80	41.10	44.20	46.90	49.50	51.8	53.5
		Airside ΔPs		0.04	0.05	0.07	0.08	0.10	0.12	0.14	0.16	0.18

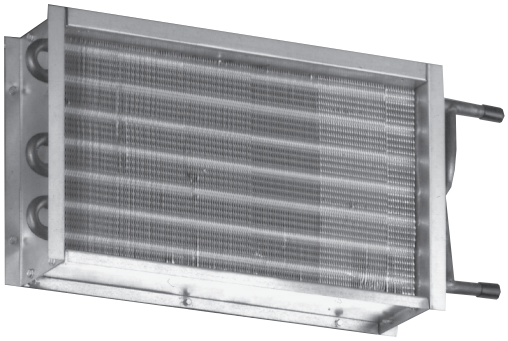
Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				800	925	1050	1175	1300	1425	1550	1675	1800
D	One Row	1.0	0.26	23.7	24.9	25.9	26.8	27.5	28.2	28.8	29.4	29.9
		2.0	0.78	28.7	30.5	32.1	33.5	34.8	36.0	37.0	38.0	38.9
		4.0	2.86	31.7	33.9	36.0	37.8	39.5	41.0	42.5	43.8	45.0
		6.0	6.19	32.8	35.3	37.5	39.5	41.3	43.0	44.6	46.1	47.5
		Airside ΔPs		0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09
	Two Row	1.0	0.53	35.9	37.6	39.1	40.2	41.2	42.1	42.9	43.5	44.1
		2.0	1.49	46.5	49.8	52.7	55.3	57.5	59.6	61.4	63.0	64.5
		4.0	5.46	53.0	57.7	61.8	65.6	69.0	72.2	75.0	77.7	80.2
		6.0	5.48	53.0	57.7	61.8	65.6	69.0	72.2	75.0	77.7	80.2
		Airside ΔPs		0.05	0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.17

Unit Size	Rows	gpm	Head Loss	Airflow, cfm								
				1400	1525	1650	1775	1900	2025	2150	2275	2320
E	One Row	1.0	0.26	28.1	28.7	29.3	29.8	30.2	30.7	31.1	31.4	31.5
		2.0	0.77	35.7	36.8	37.8	38.7	39.6	40.4	41.1	41.8	42.0
		4.0	2.86	40.8	42.2	43.5	44.8	46.0	47.0	48.1	49.1	49.4
		6.0	6.19	42.7	44.3	45.8	47.2	48.5	49.7	50.9	52.0	52.4
		Airside ΔPs		0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	Two Row	1.0	0.53	41.9	42.7	43.4	44.0	44.5	45.0	45.4	45.8	46.0
		2.0	1.49	59.2	61.0	62.7	64.2	65.6	66.9	68.1	69.1	69.5
		4.0	5.46	71.5	74.5	77.2	79.7	82.0	84.2	86.3	88.2	88.8
		6.0	5.46	71.5	74.5	77.2	79.7	82.0	84.2	86.3	88.2	88.8
		Airside ΔPs		0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26

For Performance Notes, see the next page

PTFS-F, ATFS-F, DTFS-F / WATER COIL HEATING CAPACITY (MBH)

- All coil performance in accordance with AHRI 410-2001
- Heating capacities are in MBH
- Data based on 180°F entering water and 65°F entering air
- For temperature differentials other than 115°, 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:

ΔT	50	60	70	80	90	100	115	125	140	150
Factor	0.44	0.52	0.61	0.70	0.79	0.88	1.00	1.07	1.20	1.30