

PERFORMANCE DATA

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

Unit Size	Pour	anm	Hood Lass				A	irflow, c	fm				
	Rows	gpm	Head Loss	100	140	180	220	260	300	340	380	420	
		1.0	0.13	6.7	8.1	9.2	10.2	11.0	11.6	12.2	12.8	13.3	
		2.0	0.42	7.2	8.8	10.2	11.4	12.4	13.3	14.1	14.8	15.4	
	One Row	4.0	1.53	7.5	9.3	10.8	12.1	13.2	14.2	15.2	16.0	16.8	
		6.0	3.33	7.6	9.4	11.0	12.3	13.5	14.6	15.6	16.5	17.3	
Α -		Airside ∆Ps		0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	
		1.0	0.25	9.4	11.8	13.9	15.6	17.1	18.4	19.4	20.5	21.4	
	Two Row	2.0 4.0	0.78 2.85	9.9 10.1	12.8 13.2	15.3 16.0	17.5 18.5	19.5 20.8	21.3	22.9 24.9	24.3 26.6	25.7 28.2	
		6.0	6.17	10.1	13.4	16.3	18.9	21.3	23.4	25.5	27.4	29.1	
			irside ∆Ps	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.06	
	Rows			Airflow, cfm									
Unit Size		gpm	Head Loss	350	385	425	460	500	535	575	610	650	
		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	
	One Row	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	
В			irside ∆Ps	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	
		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	
	Two Row	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	
		A	irside ∆Ps	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.07	
Unit Size	Rows	gpm	Head Loss	400	1 400	F00		irflow, o		040	1000	1100	
		1.0	0.16	400	490	580	670	760	850	940	1030	1100	
	One Row	1.0 2.0	0.16 0.50	14.5 16.4	15.7 18.1	16.7 19.5	17.5 20.7	18.3 21.8	18.9 22.8	19.5 23.6	20.0 24.4	20.4 25.0	
		4.0	1.87	17.6	19.5	21.2	22.6	24.0	25.1	26.2	27.2	28.0	
		6.0	4.05	18.0	20.0	21.8	23.4	24.8	26.1	27.2	28.2	29.1	
			irside ∆Ps	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
C	Two Row	1.0	0.13	21.5	23.4	24.9	26.2	27.3	28.2	29.0	29.6	30.1	
		2.0	0.33	26.4	29.5	32.2	34.5	36.6	38.4	40.0	41.4	42.4	
								42.0	44.5	46.8			
	Iwo Kow	4.0	1.21	28.9	32.8	36.2	39.3	42.0	ט.דד ן		4ŏ.ŏ	50.3	
	Iwo Kow	4.0 6.0	1.21 2.61	28.9	32.8 34.0	36.2 37.8	39.3 41.1	44.2	46.9	49.5	48.8 51.8	50.3 53.5	
	IWO KOW	6.0										53.5	
Unit Siza		6.0 A	2.61 irside ∆Ps	29.8 0.04	34.0 0.05	37.8 0.07	41.1 0.08	44.2	46.9 0.12 fm	49.5 0.14	51.8 0.16		
Unit Size	Rows	6.0 A gpm	2.61 irside ΔPs Head Loss	29.8 0.04 800	34.0 0.05 925	37.8 0.07 1050	41.1 0.08 A 1175	44.2 0.10 irflow, o	46.9 0.12 fm 1425	49.5 0.14 1550	51.8 0.16 1675	53.5 0.18 1800	
Unit Size		6.0 A gpm 1.0	2.61 irside ΔPs Head Loss 0.25	29.8 0.04 800 23.7	34.0 0.05 925 24.9	37.8 0.07 1050 25.9	41.1 0.08 A 1175 26.8	44.2 0.10 irflow, c 1300 27.5	46.9 0.12 efm 1425 28.2	49.5 0.14 1550 28.8	51.8 0.16 1675 29.4	53.5 0.18 1800 29.9	
Unit Size	Rows	6.0 A gpm 1.0 2.0	2.61 irside ΔPs Head Loss 0.25 0.78	29.8 0.04 800 23.7 28.7	34.0 0.05 925 24.9 30.5	37.8 0.07 1050 25.9 32.1	41.1 0.08 A 1175 26.8 33.5	44.2 0.10 irflow, c 1300 27.5 34.8	46.9 0.12 efm 1425 28.2 36.0	49.5 0.14 1550 28.8 37.0	51.8 0.16 1675 29.4 38.0	53.5 0.18 1800 29.9 38.9	
Unit Size		6.0 A gpm 1.0 2.0 4.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86	29.8 0.04 800 23.7 28.7 31.7	34.0 0.05 925 24.9 30.5 33.9	37.8 0.07 1050 25.9 32.1 36.0	41.1 0.08 A 1175 26.8 33.5 37.8	44.2 0.10 irflow, o 1300 27.5 34.8 39.5	46.9 0.12 efm 1425 28.2 36.0 41.0	1550 28.8 37.0 42.5	51.8 0.16 1675 29.4 38.0 43.8	53.5 0.18 1800 29.9 38.9 45.0	
Unit Size	Rows	6.0 A gpm 1.0 2.0 4.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20	800 23.7 28.7 31.7 32.8	34.0 0.05 925 24.9 30.5 33.9 35.3	37.8 0.07 1050 25.9 32.1 36.0 37.5	41.1 0.08 A 1175 26.8 33.5 37.8 39.5	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3	46.9 0.12 offm 1425 28.2 36.0 41.0 43.0	1550 28.8 37.0 42.5 44.6	51.8 0.16 1675 29.4 38.0 43.8 46.1	1800 29.9 38.9 45.0 47.5	
Unit Size	Rows	6.0 A gpm 1.0 2.0 4.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02	925 24.9 30.5 33.9 35.3 0.03	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05	46.9 0.12 fm 1425 28.2 36.0 41.0 43.0 0.06	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08	1800 29.9 38.9 45.0 47.5	
	Rows	6.0 A gpm 1.0 2.0 4.0 6.0 A	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9	925 24.9 30.5 33.9 35.3 0.03 37.6	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2	44.2 0.10 irflow, of 1300 27.5 34.8 39.5 41.3 0.05 41.2	46.9 0.12 fm 1425 28.2 36.0 41.0 43.0 0.06 42.1	1550 28.8 37.0 42.5 44.6 0.07	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09	
	Rows One Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49	800 23.7 28.7 31.7 32.8 0.02 35.9 46.5	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6	1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0	1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5	
	Rows	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 4.0 4.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48	800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6	44.2 0.10 irflow, o 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7	1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2	
	Rows One Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 6.0	2.61 irside △Ps Head Loss 0.25 0.78 2.86 6.20 irside △Ps 0.52 1.49 5.48 5.48	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 53.0	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 61.0	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6	44.2 0.10 irflow, o 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0	46.9 0.12 efm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7	1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 A 1.0 A 1.0 A	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs	800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0 0.10	46.9 0.12 efm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7	1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2	
	Rows One Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 6.0	2.61 irside △Ps Head Loss 0.25 0.78 2.86 6.20 irside △Ps 0.52 1.49 5.48 5.48	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 53.0	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 61.0	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09	44.2 0.10 irflow, o 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0	46.9 0.12 efm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 A 1.0 A 1.0 A	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 53.0 0.05	34.0 0.05 925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0 0.10 irflow, c	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0 0.13	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm A gpm	2.61 irside △Ps Head Loss 0.25 0.78 2.86 6.20 irside △Ps 0.52 1.49 5.48 5.48 irside △Ps Head Loss	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05	34.0 0.05 925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0 0.10 irflow, c	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0 0.13	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1	34.0 0.05 925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07 1650 29.3	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0 0.13	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 0.17 2320 31.5	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86 6.19	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7	34.0 0.05 925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07 1650 29.3 37.8	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 69.0 0.10 irflow, c 1900 30.2 39.6	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 75.0 0.13 2150 31.1 41.1	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 0.17 2320 31.5 42.0	
D ·	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7 40.8	34.0 0.05 925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8 42.2	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07 1650 29.3 37.8 43.5	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7 44.8	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2 39.6 46.0	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4 47.0	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 0.13 2150 31.1 41.1 48.1	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8 49.1	53.5 0.18 1800 29.9 38.9 45.0 0.9 44.1 64.5 80.2 80.2 0.17 2320 49.4	
D	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86 6.19	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7 40.8 42.7	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8 42.2 44.3	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 0.07 1650 29.3 37.8 43.5 45.8	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7 44.8 47.2	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2 39.6 46.0 48.5	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4 47.0 49.7	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 0.13 2150 31.1 41.1 48.1 50.9	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8 49.1 52.0	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17 2320 49.4 52.4	
D ·	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 A A A	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86 6.19 irside ΔPs 0.53 1.49	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7 40.8 42.7 0.06	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8 42.2 44.3 0.07	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 61.0 0.07 1650 29.3 37.8 43.5 45.8 0.07	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7 44.8 47.2 0.08	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2 39.6 46.0 48.5 0.09	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4 47.0 49.7 0.10	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 0.13 2150 31.1 41.1 48.1 50.9 0.11	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8 49.1 52.0 0.12 45.8 69.1	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17 2320 49.4 52.4 0.13 46.0 69.5	
D ·	Rows One Row Two Row	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 A 4.0 6.0 A 4.0 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86 6.19 irside ΔPs 0.53 1.49 5.46	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7 40.8 42.7 0.06 41.9 59.2 71.5	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8 42.2 44.3 0.07 42.7 61.0 74.5	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 61.0 0.07 1650 29.3 37.8 43.5 45.8 0.07 43.4 62.7 77.2	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7 44.8 47.2 0.08 44.0 64.2 79.7	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2 39.6 46.0 48.5 0.09 44.5 65.6 82.0	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4 47.0 49.7 0.10 45.0 66.9 84.2	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 0.13 2150 31.1 41.1 48.1 50.9 0.11 45.4 68.1 86.3	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8 49.1 52.0 0.12 45.8 69.1 88.2	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17 2320 49.4 52.4 0.13 46.0 69.5 88.8	
D ·	Rows One Row Two Row Rows	6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A gpm 1.0 2.0 4.0 6.0 A 1.0 2.0 4.0 6.0 A 6.0	2.61 irside ΔPs Head Loss 0.25 0.78 2.86 6.20 irside ΔPs 0.52 1.49 5.48 5.48 irside ΔPs Head Loss 0.26 0.77 2.86 6.19 irside ΔPs 0.53 1.49	29.8 0.04 800 23.7 28.7 31.7 32.8 0.02 35.9 46.5 53.0 0.05 1400 28.1 35.7 40.8 42.7 0.06 41.9 59.2	925 24.9 30.5 33.9 35.3 0.03 37.6 49.8 57.7 57.7 0.06 1525 28.7 36.8 42.2 44.3 0.07	37.8 0.07 1050 25.9 32.1 36.0 37.5 0.04 38.8 52.2 61.0 61.0 0.07 1650 29.3 37.8 43.5 45.8 0.07 43.4 62.7	41.1 0.08 A 1175 26.8 33.5 37.8 39.5 0.04 40.2 55.3 65.6 65.6 0.09 A 1775 29.8 38.7 44.8 47.2 0.08 44.0 64.2	44.2 0.10 irflow, c 1300 27.5 34.8 39.5 41.3 0.05 41.2 57.2 69.0 0.10 irflow, c 1900 30.2 39.6 46.0 48.5 0.09 44.5 65.6	46.9 0.12 sfm 1425 28.2 36.0 41.0 43.0 0.06 42.1 59.6 72.2 72.2 0.12 sfm 2025 30.7 40.4 47.0 49.7 0.10 45.0 66.9	49.5 0.14 1550 28.8 37.0 42.5 44.6 0.07 42.9 61.4 75.0 0.13 2150 31.1 41.1 48.1 50.9 0.11 45.4 68.1	51.8 0.16 1675 29.4 38.0 43.8 46.1 0.08 43.5 63.0 77.7 77.7 0.15 2275 31.4 41.8 49.1 52.0 0.12 45.8 69.1	53.5 0.18 1800 29.9 38.9 45.0 47.5 0.09 44.1 64.5 80.2 80.2 0.17 2320 49.4 52.4 0.13 46.0 69.5	



PERFORMANCE DATA

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

Unit Size	Rows	gpm	Head Loss	Airflow, cfm									
Utilit Size				2300	2425	2550	2675	2800	2925	3050	3175	3300	
	One Row	1.0	0.27	33.6	34.0	34.3	34.6	34.9	35.1	35.4	35.6	35.9	
		2.0	0.83	45.2	45.9	46.5	47.2	47.8	48.3	48.9	49.4	49.9	
		4.0	3.05	53.4	54.4	55.3	56.3	57.1	58.0	58.8	59.6	60.3	
		6.0	6.63	56.7	57.9	59.0	60.0	61.0	62.0	62.9	63.8	64.7	
G		Airside ∆Ps		0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
U	Two Row	1.0	0.55	47.6	48.0	48.3	48.6	48.9	49.1	49.3	49.5	49.7	
		2.0	1.61	72.9	74.0	75.0	75.9	76.7	77.5	78.3	79.0	79.6	
		4.0	5.83	94.1	96.0	97.9	99.6	101.3	102.8	104.3	105.7	107.1	
		6.0	5.83	94.1	96.0	97.9	99.6	101.3	102.8	104.3	105.7	107.1	
		А	irside ∆Ps	0.22	0.22	0.23	0.25	0.27	0.29	0.31	0.33	0.35	

- · 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:

ΔΤ	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