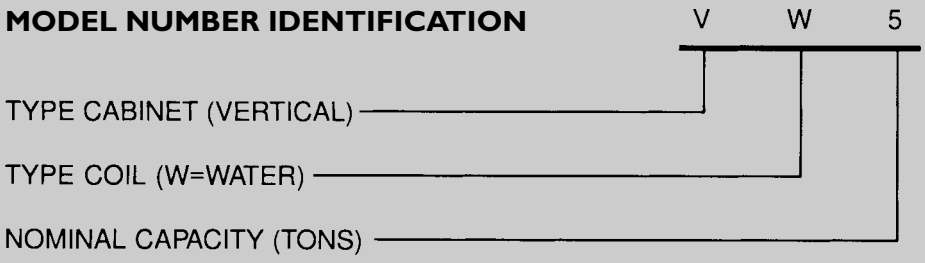
VW Series
SPECIAL FEATURES

1. Coils and cabinets are stocked and shipped separately.
2. Removable panel on front of cabinet allows access to service and/or remove coil.
3. Coils are made of copper tube, aluminum fins and galvanized steel endplates.
4. Deep drainpans for condensate are made of galvanized steel.
5. Cabinets are fabricated from heavy gauge galvanealed steel which is painted with baked on enamel inside and out before assembly, then insulated with 3/4" – 1.5# fiberglass insulation.

Product Description

MODEL NUMBER IDENTIFICATION

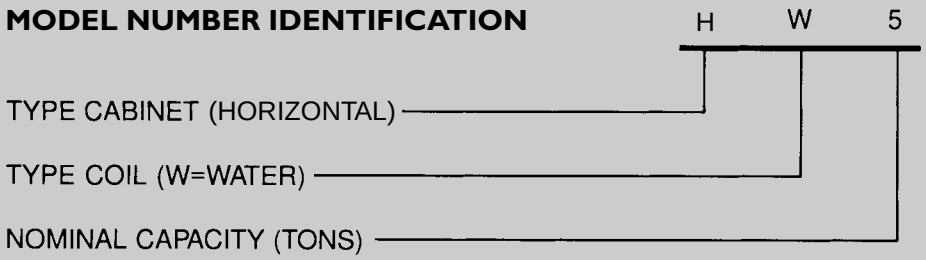


HW Series
SPECIAL FEATURES

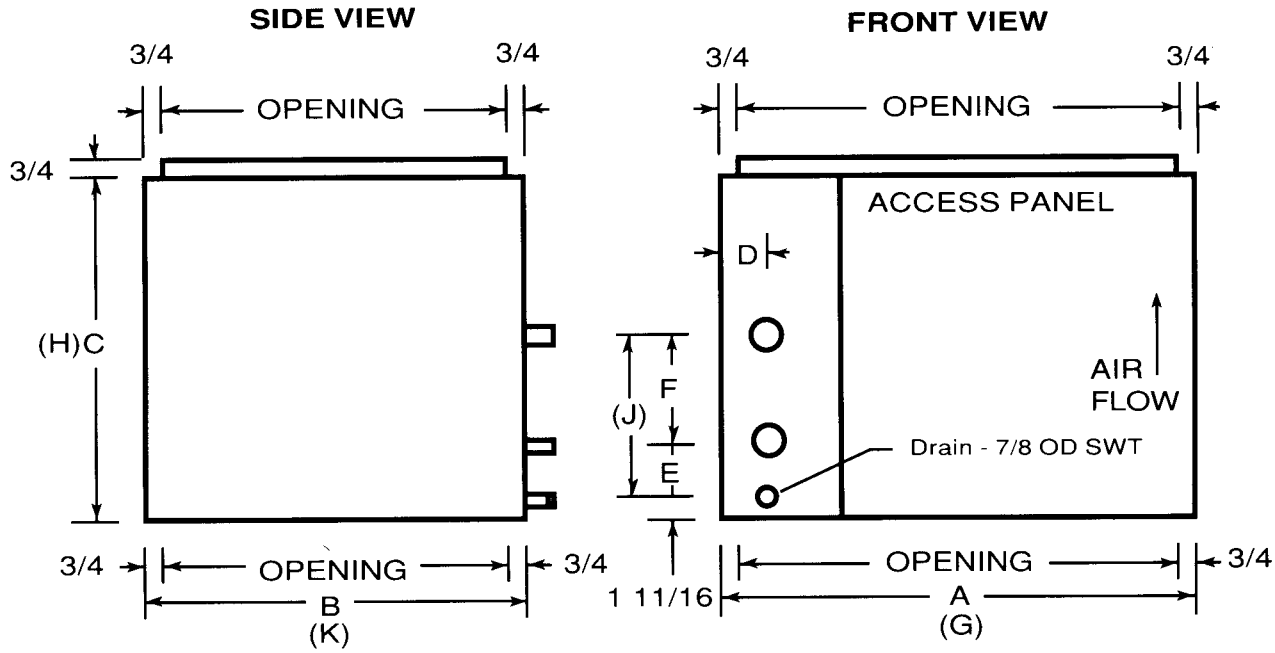
1. Nominal 2 through 10 ton capacities are normally in stock.
2. Large removable panel is located on right side of cabinet for access to coil for servicing or removal of coil.
3. Coils are made of copper tube, aluminum fins and galvanized steel endplates.
4. Deep drainpans for condensate are made of galvanized steel.
5. Cabinets are fabricated from heavy gauge galvanealed steel which is painted with baked on enamel inside and out before assembly, then insulated with 3/4" – 1.5# fiberglass insulation.

Product Description

MODEL NUMBER IDENTIFICATION



VW Series
VERTICAL WATER "A" COILS



Coil only dimension - (G), (H), (J), (K)

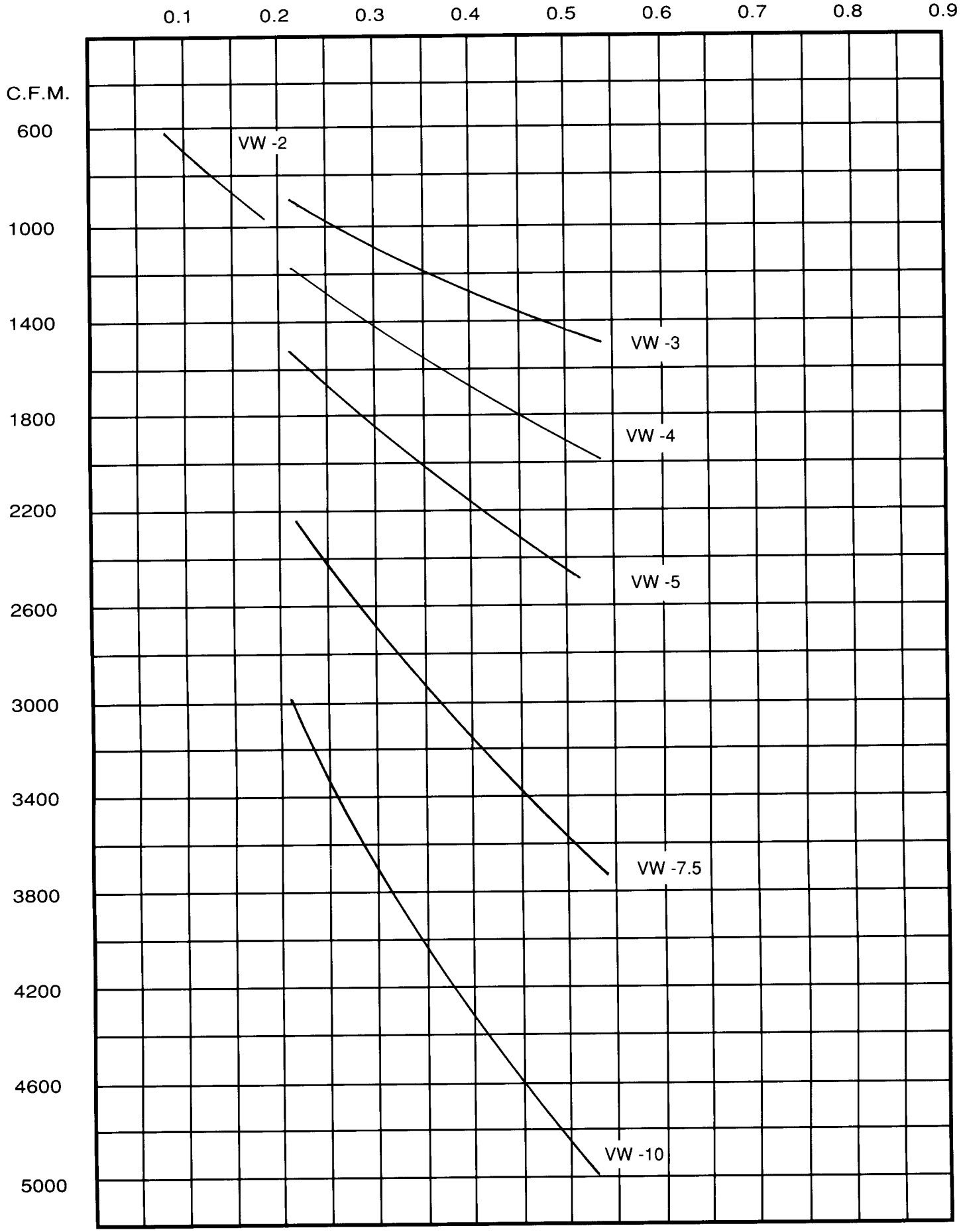
DIMENSIONS

MODEL	A	B	C	D	E	F	G	H	J	K
VW-2	22.00	22	15.25	4.63	2.63	8.00	18.38	11.50	8.81	21.75
VW-3	22.00	22	15.25	4.63	2.63	8.00	19.88	12.00	8.81	21.75
VW-4	24.88	22	19.50	4.50	3.50	8.63	22.75	16.25	12.56	21.75
VW-5	28.38	22	19.50	4.25	4.00	9.63	26.63	16.50	13.63	21.38
VW-7.5	38.88	22	19.50	2.00	2.50	11.75	36.63	16.50	14.56	21.38
VW-10	51.50	22	19.50	2.50	4.06	9.44	48.63	16.50	13.50	21.38

SPECIFICATIONS

MODEL	NOM CAP	NOM CFM	FA SQ.FT.	COIL CONN. SUPPLY/RETURN	ROWS/FPI	SHIPPING WT	
						COIL ONLY	W/CAB.
VW-2	2	800	3.0	.750 OD SWT	3/12	29	54
VW-3	3	1200	3.0	.750 OD SWT	4/12	37	62
VW-4	4	1600	4.0	.875 OD SWT	4/12	46	77
VW-5	5	2000	5.11	1.125 OD SWT	4/12	56	91
VW-7.5	7.5	3000	7.34	1.125 OD SWT	4/12	74	117
VW-10	10	4000	9.40	1.375 OD SWT	4/12	102	162

AIR LOSS FOR VW SERIES "A" COILS



CHILLED WATER COOLING CAPACITIES

VW-2

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	2.4	1.10	600	21.2	15.1	61.8	60.8	59.7	18.0	13.8	58.7	57.6	57.0	14.9	12.5	55.7	54.5	54.5
			800	23.0	17.7	64.6	62.9	61.3	19.7	16.3	61.2	59.4	58.4	16.6	14.7	58.0	56.0	55.9
			1000	24.4	19.9	66.6	64.2	62.5	21.0	18.3	63.1	60.6	59.5	17.8	16.4	59.8	57.1	56.9
	4.8	4.10	600	28.4	17.8	57.6	56.8	53.9	23.6	16.2	55.1	54.2	51.9	19.3	14.5	52.6	51.8	50.1
			800	31.6	20.8	60.9	59.4	55.2	26.4	19.1	57.9	56.5	53.1	21.6	17.2	55.1	53.7	51.0
			1000	34.0	23.6	63.2	61.2	56.2	28.4	21.6	60.0	58.1	53.9	23.4	19.5	57.0	55.1	51.8
	7.2	8.80	600	31.6	19.1	55.6	54.8	50.8	26.4	17.3	53.4	52.5	49.3	21.4	15.4	51.3	50.4	47.9
			800	36.0	22.4	59.0	57.6	52.0	30.0	20.4	56.3	54.9	50.4	24.4	18.4	53.8	52.4	48.8
			1000	39.0	25.6	61.4	59.5	52.9	32.8	23.2	58.5	56.6	51.1	26.6	21.0	55.6	53.8	49.4
45	2.4	1.10	600	19.4	14.4	62.8	61.7	61.2	16.3	13.2	59.7	58.5	58.6	13.5	11.8	56.8	55.4	56.3
			800	21.2	17.0	65.4	63.5	62.8	18.0	15.6	62.0	60.1	60.1	14.2	13.9	58.9	57.1	56.8
			1000	22.6	19.3	67.2	64.7	63.9	19.3	17.3	64.0	61.1	61.1	15.4	15.1	61.0	57.9	57.9
	4.8	4.10	600	25.8	16.8	59.1	58.2	55.8	21.2	15.2	56.6	55.7	53.9	16.8	13.4	54.3	53.4	52.0
			800	28.8	19.8	62.1	60.6	57.0	23.6	18.0	59.2	57.7	54.9	19.1	16.0	56.5	54.9	53.0
			1000	31.0	22.4	64.2	62.2	57.9	25.6	20.4	61.1	59.1	55.7	20.8	18.3	58.1	56.0	53.7
	7.2	8.80	600	29.0	18.0	57.3	56.4	53.1	23.6	16.2	55.1	54.2	51.6	18.7	14.3	53.0	52.2	50.2
			800	32.8	21.2	60.4	58.9	54.1	26.8	19.3	57.7	56.3	52.5	21.2	17.1	55.2	53.9	50.9
			1000	35.8	24.2	62.6	60.7	55.0	29.4	22.0	59.7	57.8	53.2	23.2	19.5	57.0	55.1	51.5
48	2.4	1.10	600	17.8	13.8	63.8	62.6	62.8	14.8	12.5	60.7	59.4	60.3	11.3	11.1	57.8	56.7	57.5
			800	19.5	16.4	66.1	64.2	64.3	16.4	14.7	63.0	60.8	61.7	12.8	12.6	60.4	57.7	58.7
			1000	20.8	18.3	68.1	65.2	65.5	16.6	16.3	64.9	62.0	61.9	14.0	13.7	62.3	58.4	59.7
	4.8	4.00	600	23.2	15.8	60.6	59.6	57.7	18.7	14.2	58.1	57.2	55.8	14.6	12.4	55.8	54.7	54.1
			800	26.0	18.9	63.2	61.7	58.8	21.0	16.9	60.5	58.9	56.8	16.7	15.0	57.7	56.0	55.0
			1000	27.8	21.4	65.2	63.1	59.7	22.8	19.3	62.2	60.0	57.5	18.4	17.0	59.3	56.9	55.7
	7.2	8.80	600	26.0	16.9	59.0	58.1	55.3	20.8	15.1	56.8	55.9	53.8	15.9	13.0	54.9	53.9	52.4
			800	29.6	20.0	61.8	60.3	56.2	23.6	18.0	59.2	57.7	54.6	18.3	15.7	56.8	55.3	53.1
			1000	32.2	22.8	63.9	61.8	56.9	25.8	20.6	61.0	59.0	55.2	20.2	18.1	58.3	56.2	53.6

VW-3

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	4.8	2.70	900	36.6	24.4	59.9	59.1	57.3	30.8	22.4	57.0	56.1	54.8	25.2	20.2	54.3	53.3	52.6
			1200	40.0	28.8	62.8	61.4	58.8	34.0	26.4	59.6	58.2	56.2	28.4	24.0	56.5	55.0	53.9
			1500	43.0	32.6	64.9	62.9	59.9	36.4	30.0	61.5	59.5	57.2	30.6	27.0	58.3	56.1	54.8
	7.2	5.80	900	42.5	26.6	57.6	56.8	53.8	35.6	24.4	55.0	54.2	51.9	29.0	21.8	52.6	51.8	50.1
			1200	47.5	31.6	60.7	59.4	55.2	39.5	28.8	57.8	56.5	53.1	32.6	26.0	55.0	53.7	51.1
			1500	51.0	35.8	63.0	61.2	56.3	43.0	32.8	59.8	58.0	54.0	35.4	29.6	56.8	55.0	51.9
	9.6	10.10	900	46.0	28.0	56.2	55.3	51.6	38.5	25.4	53.8	53.0	50.0	31.2	22.8	51.6	50.8	48.5
			1200	52.0	33.2	59.4	58.1	52.9	43.5	30.4	56.6	55.3	51.1	35.6	27.2	54.0	52.7	49.4
			1500	56.5	37.6	61.8	60.0	53.9	47.5	34.6	58.7	57.0	51.9	38.5	31.2	55.8	54.1	50.1
45	4.8	2.70	900	33.4	23.2	61.1	60.2	59.0	27.6	21.0	58.3	57.3	56.6	22.6	19.0	55.5	54.4	54.5
			1200	36.8	27.6	63.8	62.3	60.4	30.8	25.2	60.6	59.0	57.9	25.4	22.6	57.6	55.9	55.6
			1500	39.5	31.4	65.7	63.6	61.5	33.4	28.6	62.4	60.2	59.0	27.8	25.4	59.3	56.8	56.6
	7.2	5.80	900	38.5	25.2	59.1	58.2	55.8	31.8	22.8	56.5	55.7	53.9	25.4	20.2	54.2	53.3	52.1
			1200	43.5	30.0	61.9	60.5	57.1	35.8	27.2	59.0	57.7	55.0	28.8	24.2	56.3	54.8	53.0
			1500	46.5	34.0	64.0	62.1	58.0	38.5	31.0	60.9	59.0	55.8	31.8	27.8	57.9	55.9	53.8
	9.6	10.10	900	42.0	26.4	57.8	56.9	53.8	34.4	23.8	55.5	54.6	52.2	27.4	21.0	53.3	52.5	50.7
			1200	47.5	31.6	60.7	59.4	55.0	39.0	28.6	58.0	56.7	53.2	31.2	25.2	55.5	54.1	51.5
			1500	51.5	35.8	62.9	61.1	55.8	42.5	32.6	59.9	58.1	53.9	34.2	29.0	57.1	55.3	52.1
48	4.8	2.70	900	30.2	22.0	62.4	61.4	60.6	24.8	20.0	59.5	58.4	58.4	20.0	17.7	56.8	55.5	56.4
			1200	33.6	26.4	64.7	63.1	62.0	28.0	23.8	61.6	59.9	59.7	21.4	21.0	58.8	57.1	56.9
			1500	36.2	30.0	66.5	64.3	63.1	30.4	27.0	63.3	60.8	60.7	23.6	23.2	60.7	57.8	57.9
	7.2	5.80	900	35.0	23.8	60.5	59.6	57.7	28.0	21.2	58.1	57.2	55.8	22.0	18.8	55.7	54.7	54.1
			1200	39.0	28.4	63.1	61.7	58.9	31.8	25.6	60.3	58.8	56.8	25.4	22.6	57.5	55.9	55.1
			1500	42.0	32.4	65.0	63.1	59.8	34.8	29.4	61.9	59.9	57.7	28.2	25.8	59.1	56.7	55.8
	9.6	10.10	900	38.0	24.8	59.4	58.6	55.9	30.4	22.2	57.2	56.3	54.3	23.4	19.4	55.1	54.1	52.9
			1200	42.5	29.8	62.1	60.7	57.0	34.4	26.8	59.4	58.1	55.2	27.0	23.4	56.9	55.4	53.7
			1500	46.5	34.0	64.0	62.2	57.7	37.5	30.6	61.1	59.2	55.9	30.0	27.0	58.4	56.3	54.3

CHILLED WATER COOLING CAPACITIES

VW-4

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	7.2	3.70	1200	52.0	33.8	59.0	58.1	56.5	43.5	30.8	56.2	55.3	54.1	35.6	27.8	53.6	52.7	51.9
			1600	57.5	39.5	62.0	60.6	58.0	48.0	36.6	58.9	57.5	55.4	40.0	33.0	55.9	54.5	53.1
			2000	61.0	45.0	64.1	62.3	59.1	52.0	41.0	60.9	58.9	56.5	43.5	37.4	57.7	55.7	54.1
	9.6	6.50	1200	57.5	35.8	57.4	56.6	54.0	48.0	32.8	54.8	54.0	52.0	39.0	29.4	52.4	51.6	50.2
			1600	64.0	42.5	60.5	59.2	55.4	54.0	38.5	57.6	56.3	53.3	44.0	34.8	54.9	53.6	51.2
			2000	69.0	48.0	62.8	61.0	56.5	58.0	44.0	59.6	57.9	54.2	48.0	39.5	56.7	54.9	52.0
	12.0	10.00	1200	61.0	37.2	56.3	55.5	52.2	51.0	33.8	53.9	53.1	50.5	41.0	30.2	51.7	50.9	48.9
			1600	69.0	44.0	59.5	58.2	53.6	57.5	40.0	56.7	55.4	51.7	47.0	36.2	54.1	52.8	49.9
			2000	75.0	50.0	61.9	60.1	54.5	63.0	46.0	58.8	57.1	52.5	51.0	41.0	56.0	54.2	50.6
45	7.2	3.70	1200	47.5	32.0	60.3	59.4	58.2	39.0	29.2	57.5	56.6	55.9	31.6	26.0	55.0	54.0	53.8
			1600	52.5	38.0	63.0	61.6	59.6	43.5	34.6	60.0	58.5	57.2	36.0	31.0	57.1	55.4	55.0
			2000	56.5	43.0	65.1	63.1	60.7	47.0	39.0	61.8	59.7	58.2	39.0	35.2	58.7	56.4	55.9
	9.6	6.50	1200	52.5	33.8	58.9	58.0	55.9	43.0	30.6	56.4	55.5	54.0	34.2	27.2	54.1	53.2	52.1
			1600	58.5	40.0	61.7	60.4	57.3	48.5	36.8	58.8	57.5	55.1	39.0	32.8	56.1	54.7	53.1
			2000	63.0	46.0	63.8	62.0	58.2	52.5	41.5	60.8	58.9	56.0	42.5	37.2	57.8	55.8	54.0
	12.0	9.90	1200	55.5	35.2	57.9	57.1	54.3	45.5	31.6	55.6	54.7	52.6	36.2	28.0	53.4	52.5	51.1
			1600	63.0	42.0	60.8	59.5	55.5	51.5	38.0	58.1	56.7	53.7	41.0	33.8	55.5	54.2	51.9
			2000	68.0	47.5	63.0	61.2	56.4	56.5	43.0	60.0	58.2	54.4	45.5	38.5	57.1	55.3	52.6
48	7.2	3.70	1200	43.0	30.4	61.6	60.7	59.9	34.8	27.4	58.9	57.9	57.7	27.8	24.2	56.4	55.1	55.8
			1600	47.5	36.2	64.1	62.6	61.3	39.0	32.8	61.1	59.4	59.0	32.0	28.8	58.3	56.3	56.9
			2000	51.0	41.0	65.9	63.8	62.3	42.5	37.2	62.8	60.5	59.9	33.0	32.4	60.0	57.5	57.2
	9.6	6.40	1200	47.0	32.0	60.4	59.5	57.9	38.0	28.6	57.9	57.0	55.9	29.8	25.2	55.6	54.6	54.2
			1600	53.0	38.0	62.9	61.5	59.1	43.0	34.2	60.2	58.7	57.0	34.2	30.2	57.5	55.8	55.2
			2000	57.0	43.5	64.9	62.9	59.9	47.0	39.0	61.8	59.8	57.8	38.0	34.6	59.0	56.7	55.9
	12.0	9.90	1200	50.0	33.2	59.5	58.6	56.4	40.0	29.6	57.2	56.3	54.7	31.0	25.8	55.1	54.2	53.2
			1600	56.5	39.5	62.1	60.8	57.5	45.5	35.4	59.5	58.1	55.6	36.0	31.4	56.9	55.4	54.0
			2000	61.5	45.0	64.1	62.3	58.3	50.0	40.5	61.2	59.3	56.3	39.5	36.0	58.4	56.3	54.7

VW-5

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	9.6	4.00	1500	67.0	43.0	58.3	57.5	56.1	56.5	39.5	55.6	54.8	53.8	46.0	35.6	53.1	52.2	51.7
			2000	75.0	51.0	61.4	60.1	57.7	63.0	47.0	58.3	57.0	55.2	52.0	42.0	55.5	54.1	52.9
			2500	80.0	58.0	63.6	61.8	58.8	68.0	53.0	60.4	58.5	56.2	56.5	48.0	57.2	55.3	53.8
	12.0	6.10	1500	73.0	45.0	57.1	56.3	54.2	61.0	41.0	54.6	53.8	52.2	49.5	37.0	52.2	51.4	50.3
			2000	81.0	53.5	60.3	59.0	55.7	68.0	49.0	57.3	56.1	53.5	56.0	44.0	54.7	53.4	51.3
			2500	88.0	60.5	62.6	60.8	56.7	74.0	55.5	59.4	57.7	54.4	61.0	50.0	56.5	54.7	52.2
	14.4	8.70	1500	76.0	46.5	56.2	55.4	52.7	64.0	42.5	53.8	53.0	50.9	52.0	38.0	51.6	50.8	49.2
			2000	87.0	55.5	59.4	58.1	54.1	72.0	50.5	56.6	55.3	52.1	59.0	45.5	54.0	52.7	50.3
			2500	94.0	62.5	61.8	60.0	55.1	79.0	57.5	58.7	57.0	53.0	64.0	51.5	55.9	54.2	51.0
45	9.6	4.00	1500	61.5	41.0	59.7	58.9	57.9	51.0	37.4	57.0	56.2	55.6	40.5	33.2	54.6	53.6	53.5
			2000	68.0	48.5	62.5	61.1	59.3	57.0	44.0	59.5	58.1	56.9	46.5	39.5	56.6	55.1	54.7
			2500	73.0	55.0	64.6	62.7	60.4	61.5	50.5	61.3	59.4	57.9	50.5	45.0	58.3	56.2	55.6
	12.0	6.10	1500	66.0	42.5	58.6	57.8	56.1	54.5	38.5	56.1	55.3	54.1	43.5	34.2	53.9	53.0	52.3
			2000	74.0	50.5	61.5	60.2	57.5	61.5	46.0	58.6	57.3	55.3	49.5	41.0	55.9	54.6	53.3
			2500	80.0	58.0	63.6	61.8	58.5	66.0	52.5	60.5	58.7	56.2	54.5	47.0	57.6	55.7	54.1
	14.4	8.60	1500	70.0	44.0	57.8	57.0	54.8	57.5	39.5	55.5	54.6	53.0	45.5	35.2	53.3	52.4	51.3
			2000	79.0	52.5	60.7	59.4	56.0	65.0	47.5	58.0	56.7	54.1	52.0	42.0	55.5	54.1	52.2
			2500	86.0	59.5	62.9	61.1	57.0	71.0	54.5	59.9	58.1	54.9	57.0	48.5	57.0	55.3	53.0
48	9.6	4.00	1500	55.5	38.5	61.1	60.2	59.7	45.0	34.8	58.5	57.6	57.4	36.0	30.8	56.0	54.9	55.5
			2000	62.0	46.0	63.6	62.2	61.0	51.0	42.0	60.6	59.1	58.7	41.0	37.0	57.9	56.1	56.6
			2500	67.0	52.5	65.5	63.5	62.0	55.5	48.0	62.3	60.2	59.6	42.5	42.0	59.5	57.3	56.9
	12.0	6.10	1500	60.0	40.5	60.1	59.3	58.0	48.0	36.2	57.7	56.8	56.1	37.5	31.8	55.4	54.4	54.3
			2000	67.0	48.0	62.7	61.3	59.3	54.5	43.5	59.9	58.5	57.1	43.5	38.0	57.3	55.7	55.3
			2500	72.0	55.0	64.7	62.8	60.1	59.5	49.5	61.6	59.7	58.0	48.0	43.5	58.8	56.5	56.1
	14.4	8.60	1500	63.0	41.5	59.4	58.6	56.8	50.5	37.2	57.1	56.3	55.1	39.0	32.4	55.0	54.1	53.4
			2000	71.0	49.5	62.0	60.7	57.9	57.0	44.5	59.4	58.0	56.0	45.0	39.0	56.8	55.3	54.3
			2500	77.0	56.5	64.0	62.2	58.8	63.0	51.0	61.1	59.2	56.8	50.0	45.0	58.3	56.3	55.0

CHILLED WATER COOLING CAPACITIES

VW-7.5

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	12.0	3.90	2250	94.0	62.0	59.5	58.6	57.8	79.0	57.0	56.6	55.7	55.3	65.0	51.0	54.0	53.0	52.9
			3000	104.0	73.0	62.4	61.0	59.4	88.0	67.0	59.3	57.8	56.7	73.0	61.0	56.2	54.7	54.2
			3750	111.0	83.0	64.6	62.6	60.6	95.0	76.0	61.2	59.2	57.8	79.0	69.0	58.0	55.9	55.3
	18.0	8.30	2250	109.0	67.0	57.2	56.3	54.2	91.0	62.0	54.6	53.8	52.2	74.0	55.0	52.3	51.4	50.3
			3000	123.0	80.0	60.3	59.0	55.7	103.0	73.0	57.4	56.1	53.5	84.0	66.0	54.6	53.3	51.4
			3750	132.0	90.0	62.7	60.8	56.8	111.0	83.0	59.5	57.7	54.4	91.0	75.0	56.5	54.7	52.2
	24.0	14.40	2250	117.0	71.0	55.8	55.0	51.8	98.0	64.0	53.5	52.6	50.2	79.0	57.5	51.3	50.5	48.7
			3000	133.0	84.0	59.0	57.7	53.2	111.0	77.0	56.3	55.0	51.3	91.0	69.0	53.7	52.5	49.6
			3750	145.0	95.0	61.5	59.7	54.2	122.0	87.0	58.5	56.7	52.2	100.0	78.0	55.6	53.9	50.3
45	12.0	3.90	2250	86.0	59.0	60.7	59.8	59.5	71.0	53.5	58.0	57.0	56.9	58.0	48.0	55.2	54.2	54.7
			3000	95.0	70.0	63.4	61.9	61.0	80.0	64.0	60.3	58.7	58.4	66.0	57.5	57.3	55.6	56.0
			3750	102.0	79.0	65.4	63.3	62.2	86.0	72.0	62.1	59.9	59.5	72.0	65.0	59.0	56.6	57.0
	18.0	8.30	2250	100.0	64.0	58.7	57.8	56.1	82.0	58.0	56.2	55.3	54.1	65.0	51.0	54.0	53.0	52.2
			3000	112.0	76.0	61.6	60.1	57.5	92.0	69.0	58.7	57.3	55.3	74.0	61.5	56.0	54.6	53.3
			3750	121.0	86.0	63.7	61.8	58.5	100.0	78.0	60.6	58.7	56.1	81.0	70.0	57.6	55.7	54.1
	24.0	14.40	2250	107.0	67.0	57.5	56.7	53.9	87.0	60.0	55.3	54.4	52.3	69.0	53.0	53.1	52.2	50.8
			3000	121.0	79.0	60.5	59.1	55.2	100.0	72.0	57.8	56.4	53.3	79.0	64.0	55.3	53.9	51.6
			3750	132.0	90.0	62.7	60.8	56.1	109.0	82.0	59.7	57.9	54.1	87.0	73.0	56.9	55.1	52.3
48	12.0	3.80	2250	78.0	56.0	62.0	61.0	61.0	64.0	50.5	59.2	58.1	58.7	51.0	44.5	56.6	55.3	56.6
			3000	87.0	67.0	64.4	62.8	62.6	72.0	60.5	61.3	59.6	60.1	59.0	53.0	58.6	56.4	57.8
			3750	94.0	76.0	66.2	64.0	63.7	78.0	69.0	63.0	60.6	61.1	60.0	59.0	60.4	57.7	58.1
	18.0	8.30	2250	90.0	60.5	60.2	59.3	58.0	72.0	54.0	57.7	56.8	56.1	56.5	47.5	55.5	54.5	54.3
			3000	101.0	72.0	62.8	61.3	59.3	82.0	65.0	60.0	58.5	57.1	65.0	57.0	57.4	55.7	55.3
			3750	109.0	82.0	64.8	62.8	60.1	89.0	74.0	61.7	59.7	58.0	72.0	65.0	58.9	56.6	56.0
	24.0	14.30	2250	96.0	62.5	59.2	58.3	56.0	77.0	56.0	57.0	56.1	54.4	59.0	48.5	55.0	54.0	53.0
			3000	109.0	75.0	61.9	60.5	57.1	88.0	67.0	59.2	57.8	55.3	68.0	59.0	56.8	55.3	53.7
			3750	119.0	85.0	63.9	62.0	57.9	96.0	77.0	61.0	59.1	56.0	76.0	68.0	58.2	56.2	54.4

VW-10

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	18.0	4.40	3000	126.0	82.0	59.7	58.5	56.1	106.0	75.0	56.9	55.7	53.8	86.0	67.0	54.2	53.0	51.7
			4000	141.0	97.0	62.5	60.8	57.7	118.0	89.0	59.3	57.7	55.2	98.0	80.0	56.4	54.7	52.9
			5000	152.0	111.0	64.5	62.4	58.9	128.0	101.0	61.2	59.1	56.3	107.0	92.0	58.0	55.8	53.9
	24.0	7.60	3000	138.0	86.0	58.4	57.2	53.5	115.0	79.0	55.7	54.6	51.6	94.0	70.0	53.2	52.1	49.9
			4000	155.0	102.0	61.3	59.6	55.0	130.0	94.0	58.3	56.7	52.9	107.0	85.0	55.4	53.8	50.9
			5000	169.0	117.0	63.4	61.3	56.1	142.0	107.0	60.1	58.1	53.9	117.0	97.0	57.1	55.1	51.8
	36.0	16.40	3000	150.0	91.0	56.8	55.7	50.4	125.0	83.0	54.4	53.3	49.0	102.0	74.0	52.2	51.1	47.7
			4000	172.0	109.0	59.8	58.2	51.6	144.0	99.0	57.0	55.5	50.0	117.0	89.0	54.4	52.9	48.5
			5000	189.0	124.0	62.0	60.0	52.5	158.0	113.0	59.0	57.0	50.8	129.0	103.0	56.0	54.2	49.2
45	18.0	4.40	3000	115.0	78.0	61.0	59.8	57.9	95.0	70.0	58.2	57.0	55.6	76.0	63.0	55.6	54.3	53.5
			4000	129.0	93.0	63.5	61.8	59.3	107.0	84.0	60.5	58.7	56.9	87.0	75.0	57.5	55.6	54.8
			5000	139.0	106.0	65.4	63.2	60.5	116.0	97.0	62.1	59.9	58.0	96.0	86.0	59.0	56.6	55.7
	24.0	7.60	3000	125.0	82.0	59.8	58.7	55.5	103.0	74.0	57.2	56.0	53.6	82.0	65.0	54.8	53.6	51.8
			4000	141.0	97.0	62.5	60.8	56.8	117.0	88.0	59.5	57.9	54.8	94.0	79.0	56.7	55.0	52.8
			5000	153.0	111.0	64.4	62.3	57.8	127.0	101.0	61.3	59.1	55.6	104.0	91.0	58.2	56.0	53.7
	36.0	16.40	3000	137.0	86.0	58.5	57.3	52.6	112.0	77.0	56.1	55.0	51.2	89.0	68.0	53.9	52.7	49.9
			4000	156.0	103.0	61.2	59.6	53.7	128.0	93.0	58.4	56.8	52.2	102.0	82.0	55.9	54.3	50.7
			5000	172.0	118.0	63.2	61.1	54.6	141.0	107.0	60.2	58.2	52.9	113.0	95.0	57.4	55.4	51.3
48	18.0	4.40	3000	104.0	74.0	62.2	61.0	59.6	84.0	66.0	59.6	58.2	57.4	67.0	58.5	56.9	55.4	55.5
			4000	116.0	88.0	64.6	62.8	61.0	96.0	80.0	61.5	59.6	58.7	77.0	70.0	58.7	56.5	56.7
			5000	126.0	101.0	66.3	63.9	62.1	105.0	91.0	63.1	60.6	59.7	81.0	80.0	60.2	57.6	57.0
	24.0	7.50	3000	113.0	77.0	61.3	60.1	57.4	90.0	69.0	58.7	57.5	55.6	71.0	60.5	56.3	55.0	53.9
			4000	127.0	92.0	63.7	61.9	58.6	103.0	83.0	60.8	59.0	56.6	82.0	73.0	58.0	56.1	54.9
			5000	138.0	105.0	65.5	63.2	59.5	113.0	96.0	62.3	60.1	57.5	92.0	84.0	59.4	56.9	55.7
	36.0	16.30	3000	123.0	81.0	60.1	58.9	54.9	98.0	72.0	57.8	56.6	53.5	75.0	62.5	55.7	54.4	52.2
			4000	140.0	97.0	62.6	60.9	55.8	113.0	87.0	59.8	58.2	54.3	88.0	76.0	57.3	55.6	52.9
			5000	154.0	111.0	64.4	62.2	56.6	124.0	100.0	61.4	59.3	54.9	98.0	88.0	58.6	56.4	53.5

HEATING CAPACITIES FOR VW COIL

		120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
GPM	PD FT	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F
VW-2		600CFM			800 CFM			1000 CFM			600 CFM			800 CFM			1000 CFM			600 CFM			800 CFM			1000 CFM		
2.4	0.80	26	99.1	98.7	30	94.0	95.3	33	90.4	92.4	39	117.9	118,9	45	111.0	112.9	50	105.6	108.5	51	138.4	137.2	60	128.2	130.4	66	120.8	124.7
4.8	3.20	28	103.0	108.3	34	98.5	106.0	39	95.6	103.9	42	124.7	132.7	51	117.9	129.0	58	113.2	125.8	56	146.2	156.5	67	137.2	152.0	77	131.0	147.7
7.2	7.19	29	104.6	111.9	35	100.4	110.2	41	97.2	108.7	44	127.0	137.8	53	120.6	135.3	61	116.1	133.0	59	150.0	163.7	70	140.7	160.4	81	134.7	157.4
VW-3		900CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM		
4.8	1.80	41	102.0	102.8	49	97.5	99.6	55	93.8	97.0	62	123.0	124.2	74	116.3	119.3	83	110.8	115.4	83	144.1	145.6	98	135.0	139.1	110	127.5	134.0
7.2	4.04	43	104.0	108.0	52	100.0	105.5	60	96.6	103.4	65	126.4	131.9	79	120.4	128.1	90	114.9	125.1	87	148.3	155.9	105	140.4	150.8	120	133.1	146.8
9.6	7.19	44	105.3	110.7	54	101.2	108.8	62	98.0	107.0	67	128.0	136.1	81	122.0	133.1	93	117.1	130.5	90	151.4	161.3	108	142.8	157.4	125	136.2	154.0
VW-4		1200CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM		
7.2	3.02	56	102.9	104.4	67	98.2	101.5	76	94.7	99.0	84	124.2	126.6	101	117.7	122.1	114	112.1	118.5	112	145.7	148.9	134	137.0	142.7	152	129.5	137.9
9.6	5.37	58	104.3	107.9	70	100.0	105.4	80	96.9	103.3	88	127.0	131.7	106	120.6	128.0	120	115.2	124.9	116	149.0	155.7	141	140.6	150.7	160	133.6	146.6
12.0	7.74	59	105.0	110.2	72	101.0	108.1	83	97.9	106.2	89	128.0	135.2	108	121.8	132.0	124	116.9	129.3	118	150.4	160.3	144	142.3	156.1	166	135.9	152.4
VW-5		1500CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM		
9.6	3.33	71	103.1	105.3	85	99.1	102.2	97	95.7	99.7	107	125.1	127.8	129	119.0	123.2	146	113.5	119.6	142	146.7	150.7	172	138.7	144.3	195	131.4	139.5
12.0	5.21	73	104.5	107.9	88	100.4	105.3	100	96.8	103.3	110	127.0	131.7	133	120.8	127.9	151	115.3	124.9	146	149.1	155.7	177	141.0	150.6	201	133.8	146.5
14.4	7.50	74	105.1	109.8	90	101.1	107.5	103	97.9	105.7	111	128.0	134.6	135	122.0	131.2	155	116.8	128.5	148	150.3	159.5	180	142.7	155.0	207	135.8	151.3
VW-7.5		2250CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM		
12.0	2.78	103	102.0	102.8	124	97.8	99.4	139	94.1	96.8	155	123.0	124.2	186	116.8	119.0	209	111.1	115.2	207	144.2	145.6	247	135.6	138.8	279	128.2	133.6
18.0	6.63	108	103.9	108.0	130	99.8	105.5	150	96.6	103.4	162	126.2	132.0	196	119.9	128.2	224	114.8	125.1	216	148.1	156.0	262	140.0	150.9	299	133.0	146.8
24.0	11.12	110	105.0	110.8	134	101.0	108.8	155	98.0	107.1	166	127.7	136.2	202	121.8	133.2	233	117.1	130.6	221	150.0	161.6	269	142.3	157.6	311	136.0	154.1
VW-10		3000CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
18.0	3.28	148	103.6	105.1	179	100.0	101.1	205	97.2	97.6	223	125.3	128.0	269	120.1	121.8	308	115.0	116.5	296	147.1	150.6	360	140.0	142.5	410	134.4	135.2
24.0	7.39	153	106.8	107.3	187	102.9	104.4	216	99.5	102.0	230	130.2	130.9	281	124.4	126.6	325	119.5	123.0	305	153.4	154.6	375	146.0	148.8	432	139.3	144.0
36.0	13.14	158	108.3	111.2	195	104.7	109.2	228	101.8	107.3	237	132.3	136.9	293	127.2	133.7	342	122.7	131.0	317	157.0	162.4	392	149.8	158.2	456	143.6	154.7

Capacities calculated and based on entering air temperature of 60 degrees.
Units not recommended for heating applications when leaving air exceeds 130 degrees.

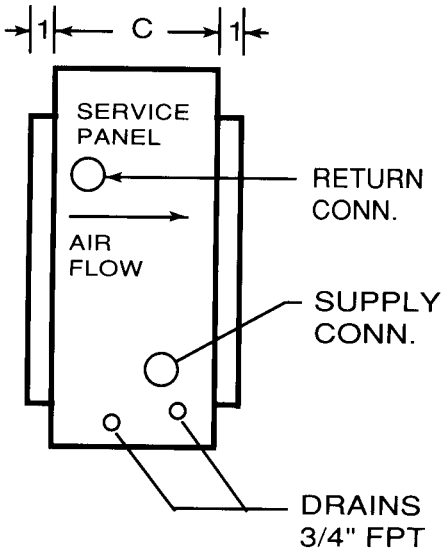
HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP (F)	ENTERING WATER TEMP (F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.791	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.290	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

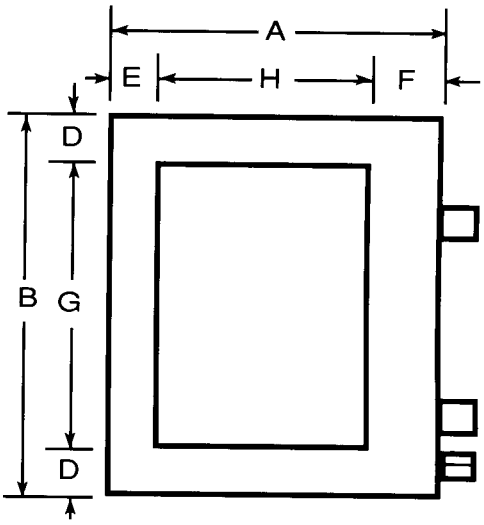
When correction factors are used for verious entering air and entering water temperatures, multiply the correction factor times the 180° E.W.T. capacity The correction factors my be used with all Magic Aire published 180° E.W. T. heating capacities.

HW Series
HORIZONTAL WATER CASED COILS

RIGHT SIDE



BACK VIEW



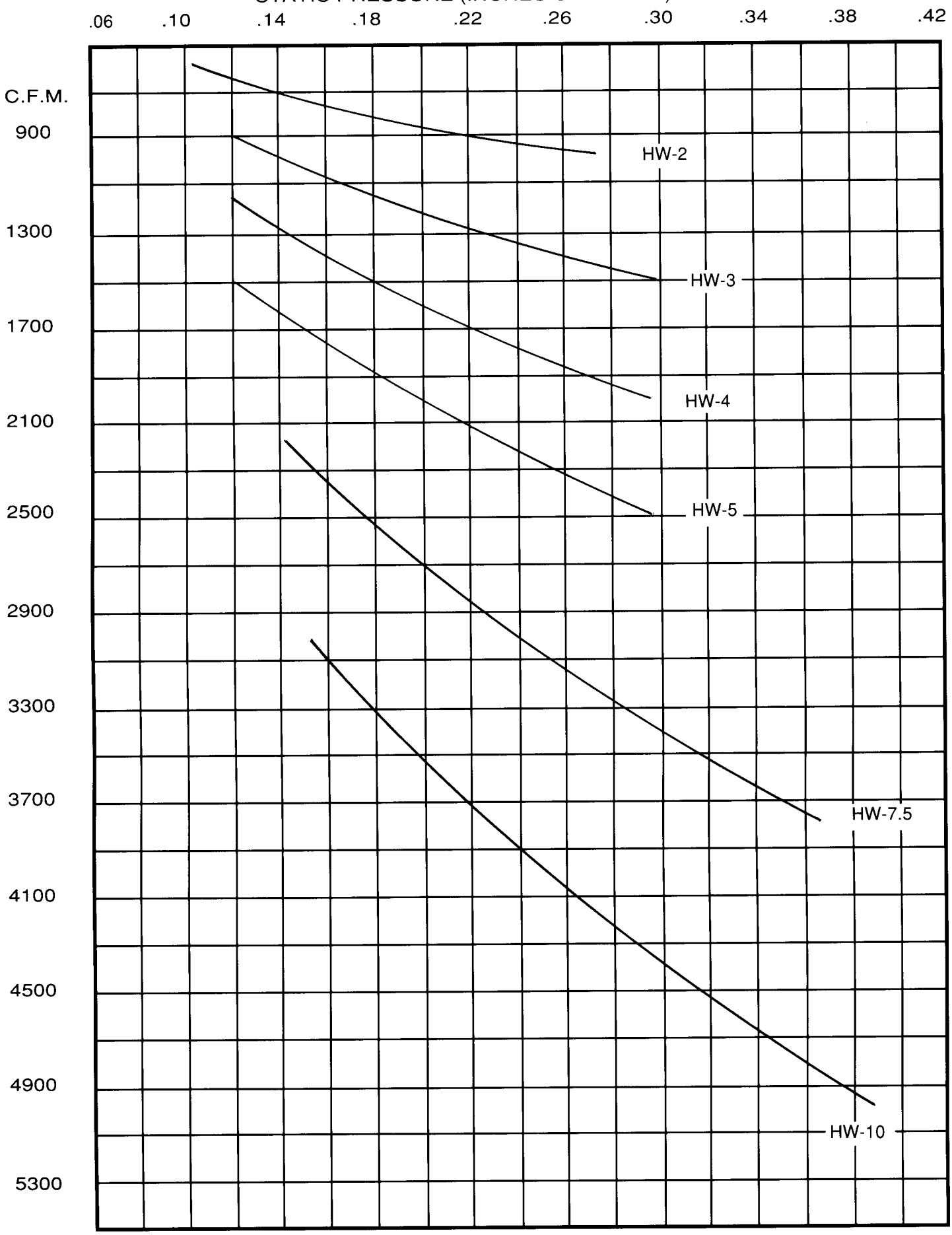
DIMENSIONS

MODEL	A	B	C	D	E	F	G	H		FACE AREA
HW-2	20.0	23.5	9.5	1.75	1.75	3.25	20.0	15.0		2.08
HW-3	26.5	23.5	9.5	1.75	1.75	3.25	20.0	21.5		3.00
HW-4	34.0	23.5	9.5	1.75	1.75	3.25	20.0	29.0		4.03
HW-5	41.0	23.5	9.5	1.75	1.75	3.25	20.0	36.0		5.00
HW-7.5	53.5	27.5	9.5	1.75	1.75	6.63	24.0	45.0		7.46
HW-10	56.5	33.5	9.5	1.75	1.75	6.63	30.0	48.0		9.58

SPECIFICATIONS

MODEL	NOM CAP	NOM CFM	FA SQ.FT.	COIL CONN. SUPPLY/RETURN	ROWS/FPI	SHIPPING WT
HW-2	2	800	2.08	.875 OD SWT	4/10	45
HW-3	3	1200	3.00	.875 OD SWT	4/10	56
HW-4	4	1600	4.00	1.125 OD SWT	4/10	63
HW-5	5	2000	5.00	1.125 OD SWT	4/10	76
HW-7.5	7.5	3000	7.50	1.375 OD SWT	4/10	130
HW-10	10	4000	9.60	1.375 OD SWT	4/10	156

AIR LOSS FOR HW SERIES DUCT COIL



CHILLED WATER COOLING CAPACITIES

HW-2

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	2.4	0.50	600	18.3	13.6	64.0	62.3	57.3	15.6	12.6	60.6	59.0	55.0	13.1	11.4	57.4	55.6	53.0
			800	19.8	16.0	66.5	64.1	58.6	17.0	14.7	63.0	60.5	56.2	14.5	13.2	59.7	57.0	54.1
			1000	21.0	18.0	68.4	65.2	59.6	18.1	16.4	64.8	61.5	57.2	14.8	14.6	61.5	58.1	54.4
	4.8	1.90	600	24.8	16.0	60.3	58.8	52.3	20.6	14.7	57.4	56.0	50.6	16.9	13.2	54.7	53.3	49.1
			800	27.4	18.9	63.2	61.2	53.4	23.0	17.3	60.0	58.0	51.6	18.8	15.6	57.0	55.0	49.9
			1000	29.2	21.2	65.4	62.7	54.2	24.6	19.5	62.0	59.4	52.3	20.4	17.6	58.7	56.2	50.5
	7.2	4.00	600	28.0	17.3	58.3	56.9	49.8	23.4	15.8	55.7	54.4	48.5	19.0	14.1	53.3	52.0	47.3
			800	31.6	20.4	61.4	59.4	50.8	26.4	18.6	58.5	56.6	49.3	21.4	16.7	55.7	53.8	48.0
			1000	34.2	23.0	63.7	61.2	51.5	28.6	21.0	60.5	58.1	50.0	23.2	19.0	57.4	55.1	48.5
45	2.4	0.50	600	16.8	13.1	64.8	63.1	59.1	14.2	12.0	61.5	59.7	56.9	11.8	10.7	58.5	56.4	54.9
			800	18.4	15.4	67.2	64.6	60.3	15.6	14.0	63.8	61.1	58.1	12.5	12.3	60.8	57.8	55.4
			1000	19.5	17.3	69.0	65.6	61.3	16.7	15.5	65.7	62.0	59.0	13.5	13.3	62.7	58.5	56.3
	4.8	1.90	600	22.6	15.2	61.5	60.0	54.4	18.6	13.8	58.7	57.3	52.8	14.8	12.3	56.1	54.6	51.2
			800	25.0	18.0	64.2	62.1	55.4	20.6	16.4	61.1	59.0	53.6	16.7	14.6	58.1	56.0	52.0
			1000	26.8	20.2	66.2	63.5	56.2	22.2	18.5	62.9	60.2	54.3	18.2	16.6	59.7	56.9	52.6
	7.2	4.00	600	25.6	16.4	59.8	58.4	52.1	21.0	14.7	57.3	55.9	50.8	16.6	13.0	54.9	53.5	49.6
			800	28.8	19.3	62.7	60.6	53.0	23.6	17.6	59.7	57.7	51.6	18.7	15.6	57.0	55.1	50.2
			1000	31.2	21.8	64.8	62.1	53.7	25.6	19.9	61.6	59.1	52.1	20.4	17.7	58.6	56.1	50.7
48	2.4	0.50	600	15.4	12.6	65.6	63.8	60.9	12.9	11.3	62.5	60.5	58.8	10.0	9.8	59.8	57.4	56.4
			800	16.9	14.7	68.0	65.2	62.1	14.3	13.1	64.8	61.6	59.9	11.3	11.1	62.1	58.3	57.4
			1000	18.1	16.4	69.8	66.0	63.1	14.6	14.4	66.7	62.6	60.2	12.2	12.1	63.8	59.0	58.2
	4.8	1.80	600	20.4	14.5	62.7	61.2	56.5	16.4	13.0	60.0	58.5	54.8	12.9	11.4	57.4	55.7	53.4
			800	22.4	17.1	65.2	63.1	57.4	18.3	15.4	62.2	60.0	55.7	14.8	13.6	59.3	56.8	54.2
			1000	24.2	19.4	67.1	64.3	58.1	20.0	17.5	63.8	60.9	56.3	15.6	15.4	60.8	57.8	54.5
	7.2	4.00	600	23.0	15.4	61.3	59.8	54.4	18.4	13.8	58.8	57.3	53.1	14.2	12.0	56.5	55.0	51.9
			800	25.8	18.3	63.9	61.7	55.2	20.8	16.4	61.0	59.0	53.8	16.2	14.4	58.3	56.2	52.5
			1000	28.0	20.8	65.8	63.1	55.8	22.6	18.7	62.7	60.1	54.3	17.9	16.4	59.8	57.0	53.0

HW-3

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	4.8	2.20	900	34.0	22.8	61.6	60.0	56.2	28.6	20.8	58.5	57.0	53.9	23.4	18.8	55.7	54.1	51.8
			1200	37.2	26.8	64.4	62.2	57.6	31.4	24.6	61.1	58.9	55.1	26.0	22.2	57.9	55.7	52.9
			1500	39.5	30.2	66.4	63.6	58.5	33.6	27.8	62.9	60.1	56.0	28.0	25.0	59.6	56.7	53.7
	7.2	4.80	900	39.0	24.8	59.5	58.0	53.0	32.8	22.6	56.8	55.3	51.1	26.6	20.4	54.1	52.7	49.4
			1200	43.5	29.0	62.6	60.4	54.2	36.8	26.8	59.4	57.4	52.2	30.0	24.0	56.5	54.5	50.3
			1500	47.0	32.8	64.8	62.0	55.1	39.5	30.2	61.4	58.8	53.0	32.4	27.0	58.3	55.7	51.0
	9.6	8.30	900	42.5	26.0	58.2	56.8	50.9	35.4	23.6	55.7	54.2	49.4	28.8	21.0	53.3	51.9	48.0
			1200	48.0	30.6	61.4	59.3	52.0	40.0	28.0	58.4	56.4	50.4	32.6	25.2	55.6	53.7	48.8
			1500	52.0	34.6	63.7	61.0	52.9	43.5	31.6	60.5	57.9	51.1	35.6	28.6	57.4	55.0	49.4
45	4.8	2.20	900	31.0	21.6	62.7	61.1	58.0	25.6	19.8	59.7	58.1	55.7	20.8	17.6	56.9	55.2	53.7
			1200	34.0	25.6	65.3	63.0	59.2	28.4	23.4	62.0	59.7	56.9	23.2	20.8	58.9	56.5	54.7
			1500	36.4	28.8	67.2	64.2	60.2	30.6	26.2	63.8	60.8	57.8	25.4	23.4	60.6	57.4	55.6
	7.2	4.80	900	35.8	23.4	60.9	59.3	55.0	29.4	21.2	58.1	56.6	53.2	23.4	18.9	55.6	54.1	51.5
			1200	40.0	27.8	63.6	61.4	56.1	33.0	25.2	60.6	58.5	54.2	26.4	22.4	57.7	55.6	52.3
			1500	43.0	31.4	65.7	62.9	57.0	35.4	28.6	62.4	59.7	54.9	28.8	25.4	59.3	56.6	53.0
	9.6	8.30	900	38.5	24.6	59.7	58.2	53.1	31.8	22.2	57.2	55.7	51.6	25.2	19.7	54.8	53.4	50.3
			1200	43.5	29.0	62.6	60.4	54.1	35.8	26.4	59.7	57.6	52.5	28.4	23.4	56.9	54.9	51.0
			1500	47.5	33.0	64.7	62.0	54.9	39.0	29.8	61.6	58.9	53.2	31.2	26.6	58.6	56.0	51.5
48	4.8	2.20	900	28.0	20.6	63.8	62.1	59.7	22.8	18.6	60.9	59.2	57.5	18.3	16.5	58.1	56.2	55.6
			1200	30.8	24.4	66.2	63.8	60.9	25.6	22.0	63.0	60.5	58.7	19.7	19.4	60.1	57.6	56.2
			1500	33.2	27.6	68.0	64.9	61.8	27.6	24.8	64.7	61.4	59.6	21.6	21.4	61.8	58.2	57.1
	7.2	4.80	900	32.4	22.2	62.2	60.6	57.0	26.0	20.0	59.5	58.0	55.2	20.2	17.4	57.1	55.4	53.6
			1200	36.0	26.4	64.7	62.5	58.0	29.0	23.6	61.8	59.5	56.1	23.0	20.8	58.9	56.6	54.4
			1500	38.5	29.8	66.6	63.8	58.8	31.6	27.0	63.4	60.6	56.8	25.4	23.6	60.4	57.4	55.1
	9.6	8.30	900	35.0	23.2	61.2	59.7	55.3	28.0	20.6	58.7	57.2	53.8	21.4	18.0	56.5	54.9	52.5
			1200	39.0	27.6	63.8	61.6	56.2	31.6	24.6	61.0	58.8	54.6	24.6	21.6	58.3	56.1	53.1
			1500	42.5	31.2	65.8	63.0	56.9	34.4	28.0	62.7	60.0	55.2	27.2	24.6	59.8	57.0	53.7

CHILLED WATER COOLING CAPACITIES

HW-4

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	4.0	1.00	1200	36.8	27.2	64.0	62.3	60.5	31.4	25.2	60.6	58.9	57.7	26.2	22.6	57.5	55.6	55.2
			1600	40.0	32.0	66.5	64.0	62.1	34.4	29.4	63.0	60.4	59.2	29.0	26.2	59.8	56.9	56.6
			2000	42.5	36.0	68.4	65.1	63.3	36.6	32.6	64.9	61.5	60.3	29.4	29.0	61.6	58.2	56.7
	10.0	5.40	1200	54.0	33.8	59.0	57.6	52.8	45.0	30.6	56.4	54.9	51.0	36.6	27.6	53.8	52.4	49.3
			1600	60.0	39.5	62.1	60.0	54.1	50.5	36.2	59.1	57.1	52.1	41.0	32.6	56.2	54.2	50.3
			2000	65.0	44.5	64.4	61.7	55.1	54.5	41.0	61.1	58.5	52.9	44.5	36.8	58.0	55.5	50.9
	16.0	13.10	1200	60.0	36.2	57.1	55.8	49.5	50.0	32.8	54.7	53.4	48.3	40.5	29.2	52.5	51.1	47.1
			1600	68.0	42.5	60.3	58.3	50.6	57.0	39.0	57.5	55.6	49.2	46.5	34.8	54.9	53.0	47.8
			2000	75.0	48.0	62.7	60.1	51.4	62.5	44.0	59.6	57.1	49.8	51.0	39.5	56.7	54.3	48.4
45	4.0	1.00	1200	34.0	26.2	64.8	63.0	62.1	28.6	24.0	61.5	59.6	59.4	23.8	21.4	58.5	56.3	57.0
			1600	37.2	30.8	67.2	64.6	63.6	31.6	28.0	63.8	61.0	60.8	24.8	24.4	60.9	57.9	57.5
			2000	39.5	34.6	69.0	65.6	64.8	33.8	31.0	65.7	61.9	61.9	26.8	26.4	62.8	58.6	58.5
	10.0	5.40	1200	49.0	32.0	60.4	58.9	54.9	40.0	28.8	57.8	56.3	53.1	32.0	25.6	55.3	53.9	51.4
			1600	55.0	37.6	63.3	61.1	56.0	45.0	34.0	60.3	58.2	54.1	36.2	30.2	57.5	55.4	52.2
			2000	59.0	42.5	65.3	62.6	56.9	49.0	38.5	62.1	59.5	54.8	39.5	34.6	59.0	56.4	52.9
	16.0	13.00	1200	54.5	34.0	58.8	57.4	51.9	44.5	30.6	56.4	55.0	50.6	35.4	27.0	54.2	52.8	49.4
			1600	62.0	40.0	61.7	59.6	52.8	51.0	36.6	58.9	56.9	51.4	40.5	32.4	56.3	54.4	50.1
			2000	68.0	45.5	63.9	61.2	53.5	55.5	41.0	60.9	58.3	52.0	44.0	36.8	58.0	55.5	50.6
48	4.0	1.00	1200	31.2	25.2	65.6	63.7	63.6	26.0	22.6	62.5	60.4	61.1	20.0	19.7	59.8	57.5	58.0
			1600	34.2	29.4	68.0	65.1	65.2	28.8	26.2	64.8	61.5	62.5	22.4	22.2	62.2	58.4	59.3
			2000	36.6	32.6	69.9	66.0	66.3	29.0	28.6	66.8	62.7	62.5	24.4	24.0	63.9	59.0	60.2
	10.0	5.30	1200	44.0	30.2	61.8	60.3	56.9	35.6	27.0	59.2	57.7	55.1	27.4	23.6	56.8	55.2	53.5
			1600	49.5	35.6	64.4	62.2	57.9	39.5	32.0	61.5	59.3	56.0	31.6	28.2	58.7	56.4	54.3
			2000	53.5	40.5	66.3	63.5	58.7	43.5	36.6	63.1	60.4	56.7	34.8	32.0	60.2	57.2	55.0
	16.0	12.90	1200	49.0	32.0	60.4	58.9	54.2	39.0	28.4	58.1	56.6	52.9	29.8	24.6	56.0	54.5	51.7
			1600	56.0	38.0	63.1	60.9	55.0	44.5	34.0	60.4	58.3	53.6	34.4	29.8	57.8	55.8	52.3
			2000	61.0	43.0	65.1	62.3	55.6	49.0	38.5	62.1	59.5	54.1	38.0	34.0	59.3	56.6	52.8

HW-5

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	5.2	1.00	1500	46.0	34.0	64.0	62.3	59.7	39.0	31.4	60.7	59.0	57.0	32.8	28.4	57.5	55.6	54.6
			2000	50.0	40.0	66.5	64.0	61.2	42.5	36.6	63.1	60.5	58.5	36.2	32.8	59.8	57.0	55.9
			2500	53.0	45.0	68.4	65.2	62.4	45.5	40.5	64.9	61.5	59.5	36.6	36.0	61.7	58.2	56.1
	13.0	5.40	1500	67.0	42.0	59.1	57.6	52.4	56.0	38.0	56.4	54.9	50.7	45.5	34.4	53.8	52.4	49.0
			2000	75.0	49.5	62.1	60.0	53.6	63.0	45.0	59.1	57.0	51.7	51.5	40.5	56.2	54.2	49.9
			2500	81.0	55.5	64.4	61.7	54.6	68.0	51.0	61.1	58.5	52.5	55.5	46.0	58.0	55.5	50.6
	20.8	13.10	1500	75.0	45.0	57.1	55.7	49.3	62.5	41.0	54.7	53.4	48.0	50.5	36.6	52.5	51.1	46.9
			2000	86.0	53.5	60.3	58.3	50.3	71.0	48.5	57.5	55.5	48.9	58.0	43.5	54.9	53.0	47.6
			2500	94.0	60.0	62.7	60.1	51.0	78.0	55.0	59.6	57.1	49.6	64.0	49.5	56.7	54.3	48.2
45	5.2	1.00	1500	42.0	32.8	64.8	63.0	61.3	35.8	29.8	61.6	59.7	58.8	29.6	26.6	58.6	56.4	56.4
			2000	46.0	38.5	67.2	64.6	62.8	39.0	34.8	63.9	61.0	60.2	31.0	30.4	60.9	57.9	56.9
			2500	49.0	43.0	69.1	65.6	64.0	42.0	38.5	65.7	61.9	61.2	33.6	33.0	62.8	58.6	57.9
	13.0	5.40	1500	61.5	40.0	60.4	58.9	54.5	50.5	36.0	57.8	56.3	52.8	40.0	32.0	55.3	53.9	51.2
			2000	69.0	47.0	63.3	61.1	55.6	56.5	42.5	60.3	58.2	53.7	45.0	37.5	57.5	55.4	52.0
			2500	74.0	53.0	65.3	62.6	56.5	61.0	48.5	62.1	59.5	54.4	49.5	43.0	59.0	56.4	52.6
	20.8	13.00	1500	68.0	42.5	58.8	57.3	51.6	56.0	38.0	56.4	55.0	50.4	44.0	33.8	54.2	52.8	49.3
			2000	78.0	50.5	61.7	59.6	52.5	64.0	45.5	58.9	56.9	51.2	50.5	40.5	56.3	54.4	49.9
			2500	85.0	57.0	63.9	61.2	53.2	70.0	51.5	60.9	58.3	51.7	55.5	46.0	57.9	55.5	50.4
48	5.2	1.00	1500	38.5	31.4	65.7	63.7	63.0	32.4	28.4	62.5	60.4	60.5	24.8	24.4	59.9	57.5	57.6
			2000	42.5	36.8	68.0	65.1	64.5	36.0	32.8	64.8	61.6	61.9	28.0	27.6	62.2	58.4	58.8
			2500	45.5	40.5	69.9	66.0	65.6	36.2	35.8	66.8	62.7	61.9	30.4	30.0	63.9	59.0	59.7
	13.0	5.30	1500	55.5	37.6	61.8	60.3	56.6	44.5	33.8	59.2	57.7	54.9	34.4	29.6	56.8	55.2	53.3
			2000	62.0	44.5	64.4	62.2	57.6	50.0	40.0	61.5	59.3	55.7	39.5	35.2	58.7	56.4	54.1
			2500	67.0	50.5	66.3	63.5	58.3	54.0	45.5	63.1	60.4	56.4	43.5	40.0	60.2	57.2	54.7
	20.8	13.00	1500	61.5	40.0	60.4	58.9	53.9	49.0	35.6	58.1	56.6	52.7	37.4	30.8	56.0	54.5	51.6
			2000	70.0	47.5	63.1	60.9	54.8	56.0	42.5	60.4	58.3	53.4	43.0	37.2	57.8	55.7	52.2
			2500	76.0	53.5	65.1	62.3	55.4	61.0	48.5	62.1	59.4	53.9	47.5	42.5	59.3	56.6	52.6

CHILLED WATER COOLING CAPACITIES

HW-7.5

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	8.0	1.20	2250	76.0	54.5	62.6	61.3	61.0	64.0	50.5	59.3	58.0	58.2	54.0	45.5	56.3	54.8	55.6
			3000	83.0	65.0	65.0	63.1	63.0	71.0	59.5	61.6	59.7	60.0	60.5	54.0	58.4	56.2	57.2
			3750	89.0	73.0	66.9	64.4	64.4	77.0	67.0	63.3	60.7	61.3	65.0	60.0	60.2	57.2	58.4
	17.5	5.40	2250	104.0	65.0	58.2	57.2	53.9	86.0	59.5	55.6	54.5	51.9	70.0	53.0	53.1	52.1	50.1
			3000	117.0	77.0	61.1	59.6	55.4	98.0	71.0	58.1	56.6	53.3	80.0	63.5	55.4	53.9	51.2
			3750	127.0	88.0	63.3	61.3	56.5	107.0	81.0	60.0	58.1	54.2	88.0	73.0	57.0	55.0	52.1
	25.0	10.70	2250	113.0	68.0	56.8	55.8	51.0	94.0	62.0	54.4	53.3	49.5	76.0	55.5	52.1	51.1	48.1
			3000	129.0	82.0	59.8	58.3	52.3	108.0	74.0	57.0	55.5	50.6	88.0	67.0	54.3	52.9	49.0
			3750	141.0	93.0	62.0	60.0	53.3	118.0	85.0	58.9	57.0	51.5	97.0	77.0	56.0	54.2	49.8
45	8.0	1.20	2250	70.0	52.0	63.5	62.1	62.5	59.0	48.0	60.3	58.9	59.8	49.0	43.0	57.3	55.7	57.3
			3000	77.0	62.0	65.8	63.8	64.4	65.0	56.5	62.5	60.3	61.5	51.0	50.0	59.5	57.3	57.8
			3750	83.0	71.0	67.5	64.8	65.9	71.0	63.5	64.3	61.3	62.9	56.0	55.0	61.4	58.1	59.0
	17.5	5.40	2250	94.0	61.5	59.7	58.6	55.8	77.0	55.5	57.1	56.0	53.9	61.5	49.5	54.7	53.6	52.1
			3000	106.0	73.0	62.3	60.7	57.2	88.0	67.0	59.4	57.8	55.1	71.0	59.5	56.6	55.0	53.1
			3750	115.0	84.0	64.3	62.2	58.2	96.0	76.0	61.1	59.1	56.0	78.0	68.0	58.1	56.0	54.0
	25.0	10.70	2250	102.0	64.0	58.4	57.4	53.2	84.0	58.0	56.1	55.0	51.7	66.0	51.5	53.8	52.7	50.3
			3000	117.0	77.0	61.1	59.6	54.4	96.0	70.0	58.4	56.9	52.7	76.0	62.0	55.8	54.3	51.1
			3750	128.0	89.0	63.1	61.2	55.3	106.0	80.0	60.1	58.2	53.5	85.0	72.0	57.3	55.4	51.8
48	8.0	1.20	2250	64.0	50.0	64.4	63.0	64.0	53.5	45.5	61.3	59.7	61.4	40.5	40.0	58.6	57.0	58.2
			3000	71.0	59.5	66.6	64.4	65.9	60.5	53.5	63.5	60.9	63.1	46.0	45.5	61.0	57.9	59.6
			3750	77.0	67.0	68.4	65.3	67.3	60.0	59.0	65.4	62.2	63.1	50.5	50.0	62.7	58.6	60.7
	17.5	5.40	2250	85.0	58.0	61.2	60.0	57.7	68.0	52.0	58.6	57.4	55.8	53.5	45.5	56.2	54.9	54.1
			3000	96.0	69.0	63.5	61.9	59.0	77.0	62.5	60.7	59.0	56.9	62.0	55.5	57.9	56.1	55.1
			3750	104.0	80.0	65.3	63.2	59.9	85.0	72.0	62.2	60.0	57.8	69.0	63.5	59.3	56.8	56.0
	25.0	10.60	2250	92.0	60.5	60.1	58.9	55.4	74.0	54.0	57.7	56.6	53.9	56.5	47.0	55.6	54.4	52.6
			3000	105.0	73.0	62.5	60.9	56.4	84.0	65.0	59.8	58.2	54.8	66.0	57.5	57.2	55.6	53.3
			3750	115.0	84.0	64.3	62.3	57.2	93.0	75.0	61.4	59.3	55.5	74.0	66.0	58.6	56.4	53.9

HW-10

Ent Wtr	GPM	PD FT.	CFM	85 degF DB/71 deg.F WB					80 deg.F DB/67 degF WB					75 degF DB/63 deg.F WB				
				TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F	TTL MBH	SENS MBH	LVG AIR DB	LVG AIR WB	LVG WTR °F
42	9.6	1.40	3000	97.0	71.0	63.1	61.7	62.3	83.0	65.0	59.8	58.4	59.3	69.0	59.5	56.7	55.1	56.6
			4000	107.0	85.0	65.4	63.5	64.4	92.0	77.0	62.1	59.9	61.2	78.0	69.0	58.9	56.5	58.3
			5000	114.0	96.0	67.3	64.6	66.0	98.0	87.0	63.9	61.0	62.6	78.0	77.0	60.8	57.8	58.3
	21.0	6.00	3000	134.0	85.0	58.8	57.6	54.8	112.0	77.0	56.1	54.9	52.7	91.0	69.0	53.5	52.4	50.8
			4000	151.0	101.0	61.6	60.0	56.4	127.0	92.0	58.6	57.0	54.1	103.0	83.0	55.7	54.1	51.9
			5000	163.0	115.0	63.7	61.7	57.6	137.0	106.0	60.4	58.4	55.1	113.0	96.0	57.3	55.3	52.8
	30.0	11.80	3000	146.0	90.0	57.3	56.2	51.8	122.0	82.0	54.8	53.7	50.2	99.0	73.0	52.5	51.4	48.6
			4000	167.0	107.0	60.3	58.7	53.2	139.0	98.0	57.4	55.9	51.3	114.0	88.0	54.7	53.2	49.6
			5000	182.0	122.0	62.4	60.4	54.2	153.0	112.0	59.3	57.4	52.2	125.0	100.0	56.4	54.5	50.3
45	9.6	1.40	3000	90.0	68.0	63.9	62.5	63.8	76.0	62.5	60.7	59.2	60.9	63.5	56.0	57.7	55.9	58.2
			4000	99.0	81.0	66.2	64.1	65.8	84.0	74.0	62.9	60.6	62.7	65.0	65.0	60.0	57.5	58.7
			5000	107.0	92.0	68.0	65.1	67.3	91.0	83.0	64.7	61.5	64.1	71.0	70.0	62.0	58.3	60.0
	21.0	5.90	3000	122.0	80.0	60.2	59.0	56.7	101.0	73.0	57.5	56.3	54.6	80.0	65.0	55.0	53.8	52.7
			4000	137.0	96.0	62.8	61.1	58.1	113.0	87.0	59.8	58.2	55.8	92.0	78.0	56.9	55.2	53.8
			5000	148.0	110.0	64.7	62.6	59.2	124.0	100.0	61.5	59.4	56.8	101.0	90.0	58.4	56.2	54.7
	30.0	11.70	3000	133.0	84.0	58.9	57.8	53.9	109.0	76.0	56.5	55.3	52.3	86.0	68.0	54.1	53.0	50.8
			4000	152.0	101.0	61.6	60.0	55.1	125.0	92.0	58.8	57.2	53.3	99.0	82.0	56.1	54.5	51.6
			5000	166.0	116.0	63.6	61.5	56.1	137.0	105.0	60.5	58.5	54.1	110.0	94.0	57.6	55.6	52.4
48	9.6	1.30	3000	82.0	65.0	64.8	63.3	65.2	69.0	59.5	61.7	59.9	62.5	52.0	51.5	59.1	57.2	58.9
			4000	92.0	78.0	67.0	64.6	67.2	77.0	69.0	63.9	61.1	64.2	59.5	58.5	61.5	58.1	60.4
			5000	99.0	87.0	68.9	65.5	68.7	77.0	75.0	66.0	62.4	64.1	64.0	64.0	63.2	58.7	61.5
	21.0	5.90	3000	110.0	76.0	61.6	60.4	58.5	88.0	68.0	59.0	57.8	56.4	70.0	60.0	56.5	55.1	54.7
			4000	123.0	91.0	63.9	62.2	59.8	100.0	82.0	61.0	59.2	57.6	81.0	72.0	58.2	56.2	55.7
			5000	134.0	104.0	65.7	63.5	60.8	111.0	94.0	62.5	60.2	58.6	90.0	83.0	59.7	57.0	56.6
	30.0	11.70	3000	120.0	79.0	60.5	59.3	56.0	96.0	71.0	58.1	56.9	54.4	74.0	62.0	55.8	54.6	52.9
			4000	136.0	95.0	62.9	61.2	57.1	109.0	85.0	60.2	58.5	55.3	86.0	75.0	57.5	55.7	53.8
			5000	149.0	110.0	64.7	62.6	57.9	120.0	99.0	61.7	59.6	56.1	96.0	87.0	58.8	56.6	54.4

HEATING CAPACITIES FOR HW COIL

		120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
GPM	PD FT	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F
HW-2		600CFM			800 CFM			1000 CFM			600 CFM			800 CFM			1000 CFM			600 CFM			800 CFM			1000 CFM		
2.4	.33	24	96.7	100.0	28	92.1	96.7	31	88.5	94.1	36	115.2	119.9	42	108.3	114.9	47	102.8	111.1	48	135.5	139.9	56	124.2	133.3	63	117.3	127.9
4.8	1.34	27	101.1	108.8	32	97.0	106.5	36	93.0	105.0	40	121.8	133.2	49	115.6	129.8	55	110.5	127.1	54	142.6	157.6	65	134.0	153.1	73	127.2	149.5
7.2	3.01	28	102.9	112.2	34	99.0	110.6	39	96.0	109.1	42	123.9	138.4	51	118.4	135.9	59	113.9	133.7	57	146.5	164.3	68	137.9	161.1	79	132.0	158.2
HW-3		900CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM		
4.8	1.67	39	99.3	103.9	46	95.0	100.9	52	91.6	98.5	58	119.2	125.7	69	112.4	121.4	77	107.3	117.7	78	139.0	47.7	92	130.1	141.8	103	122.9	137.1
7.2	3.75	41	101.4	108.7	49	97.5	106.5	57	94.0	104.6	61	122.2	133.1	74	116.2	129.6	83	110.9	126.9	82	143.1	157.4	98	135.1	152.7	112	128.2	149.0
9.6	6.66	42	102.8	111.2	51	98.6	109.5	58	95.5	107.9	63	123.7	137.0	77	117.9	134.2	87	113.2	131.9	64	145.6	162.5	101	137.4	158.9	116	131.0	155.8
HW-4		1200CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM		
4.0	.47	36	88.0	101.7	41	83.9	99.2	46	81.1	96.9	54	101.5	122.8	61	95.3	119.2	68	91.4	115.8	74	116.6	143.0	84	108.2	137.9	91	101.9	134.3
8.0	1.88	41	91.7	109.6	48	88.0	107.8	54	85.0	106.3	62	107.8	134.4	71	101.1	132.1	81	97.4	129.6	82	123.2	159.3	96	115.6	155.8	108	109.9	152.8
12.0	4.60	44	93.6	112.7	51	89.8	111.3	58	86.8	110.3	65	110.0	139.1	76	104.0	137.2	87	100.0	135.4	87	127.0	165.4	103	119.3	162.7	116	113.4	160.6
HW-5		1500CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM		
6.0	.43	47	88.9	104.3	54	84.9	101.9	60	82.1	99.9	70	103.0	126.6	81	97.3	122.9	90	93.1	120.0	95	118.6	148.1	109	110.0	143.7	120	104.1	140.0
12.0	1.81	53	92.5	111.1	62	88.4	109.7	70	85.8	108.3	79	108.9	136.7	91	102.2	134.7	104	98.5	132.5	105	124.7	162.4	123	116.8	159.4	139	111.3	156.7
18.0	4.48	55	94.1	113.8	65	90.0	112.7	74	87.3	111.7	81	110.0	140.9	97	104.5	139.2	110	100.5	137.7	108	126.5	167.9	130	119.9	165.5	148	114.4	163.5
HW-7.5		2250CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM		
9.0	.68	72	89.4	104.0	83	85.5	101.5	92	82.5	99.5	107	103.7	126.2	124	98.2	122.3	136	93.4	119.6	146	119.6	147.5	165	110.5	143.3	182	104.6	139.5
18.0	3.47	80	92.8	111.1	94	68.9	109.5	106	86.1	108.2	121	109.4	136.5	139	102.7	134.5	159	99.0	132.3	160	125.4	162.2	188	117.6	159.1	212	111.9	156.4
27.0	6.17	85	94.7	113.7	98	90.0	112.7	113	87.7	11106	124	110.9	140.8	148	105.3	139.0	168	101.1	137.5	165	127.4	167.8	196	120.2	165.4	226	115.3	163.3
HW-10		3000CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
11.0	.72	94	89.0	102.8	109	85.0	100.2	120	82.0	98.2	140	103.0	124.5	163	97.4	120.3	178	92.7	117.6	191	118.6	145.2	220	110.5	140.0	238	103.7	136.7
22.0	3.67	106	92.5	110.3	124	88.5	108.7	140	85.7	107.2	160	108.9	135.5	183	102.1	133.3	209	98.4	131.0	211	124.8	160.7	247	116.8	157.8	278	111.1	154.7
33.0	6.56	111	94.0	113.3	131	90.0	112.1	149	87.4	111.0	164	110.3	140.0	194	104.6	138.2	222	100.5	136.6	222	127.9	166.5	261	120.0	164.1	297	114.5	162.0

Capacities calculated and based on entering air temperature of 60 degrees.
Units not recommended for heating applications when leaving air exceeds 130 degrees.

HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP (F)	ENTERING WATER TEMP (F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.791	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.290	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

When correction factors are used for verious entering air and entering water temperatures, multiply the correction factor times the 180° E.W.T. capacity The correction factors my be used with all Magic Aire published 180° E.W. T. heating capacities.