

# Packaged Air Cooled 95F Ambient Unit Rating Information for Standard Airflow 300CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	139,100	91,700	47,400	108.2	107	0.66	6	23.4	30
15 Ton	4,500	212,900	139,700	73,200	109.2	108	0.66	9	35.4	45
20 Ton	6,000	302,900	192,000	110,900	113.8	112	0.63	13	53.2	60
25 Ton	7,500	341,300	223,400	117,900	109.8	108	0.65	14	57.5	70
30 Ton	9,000	396,200	265,200	131,000	107.4	106	0.67	16	66.0	80
35 Ton	10,500	450,600	302,200	148,400	107.8	106	0.67	18	78.0	100
40 Ton	12,000	481,300	331,800	149,500	105.7	104	0.69	18	99.7	110
45 Ton	13,500	594,000	396,400	197,600	107.5	106	0.67	24	104.4	110
50 ton	15,000	662,700	447,600	215,100	105.9	105	0.68	26	107.2	125
55 ton	16,500	760,900	504,400	256,500	108.0	107	0.66	31	132.0	150

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	129,500	89,000	40,500	100.2	99	0.69	5	23.4	30
15 Ton	4,500	198,500	135,500	63,000	101.2	100	0.68	8	35.4	45
20 Ton	6,000	281,900	186,700	95,200	104.8	103	0.66	11	53.2	60
25 Ton	7,500	318,300	217,600	100,700	101.8	100	0.68	12	57.5	70
30 Ton	9,000	369,900	258,200	111,700	99.4	98	0.70	13	66.0	80
35 Ton	10,500	420,000	291,400	128,600	99.8	98	0.69	15	78.0	100
40 Ton	12,000	448,800	320,400	128,400	97.7	96	0.71	15	99.7	110
45 Ton	13,500	554,400	384,700	169,700	100.5	99	0.69	20	104.4	110
50 ton	15,000	619,900	434,100	185,800	98.9	98	0.70	22	107.2	125
55 ton	16,500	709,500	490,000	219,500	100.0	99	0.69	26	132.0	150



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Packaged Water Cooled 85F EWT Unit Rating Information for Standard Airflow 300CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	137,000	91,000	46,000	108.1	107	0.66	6	20.2	25
15 Ton	4,500	217,300	141,700	75,600	110.1	109	0.65	9	32.2	40
20 Ton	6,000	301,800	192,000	109,800	112.7	111	0.64	13	43.9	60
25 Ton	7,500	323,000	217,000	106,000	107.6	106	0.67	13	51.1	60
30 Ton	9,000	407,100	269,700	137,400	108.4	107	0.66	16	59.6	80
35 Ton	10,500	468,100	309,300	158,800	108.8	107	0.66	19	71.6	90
40 Ton	12,000	491,900	335,100	156,800	105.8	104	0.68	19	90.1	100
45 Ton	13,500	613,100	399,300	213,800	110.1	108	0.65	26	94.8	110
50 ton	15,000	701,300	462,700	238,600	107.9	107	0.66	29	97.6	110
55 ton	16,500	778,100	510,300	267,800	109.0	108	0.66	32	120.0	125

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	127,400	88,200	39,200	100.1	99	0.69	5	20.2	25
15 Ton	4,500	202,500	137,500	65,000	102.1	101	0.68	8	32.2	40
20 Ton	6,000	280,400	186,600	93,800	104.7	103	0.67	11	43.9	60
25 Ton	7,500	300,900	210,100	90,800	99.6	98	0.70	11	51.1	60
30 Ton	9,000	378,700	261,500	117,200	100.4	99	0.69	14	59.6	80
35 Ton	10,500	436,100	299,100	137,000	100.8	99	0.69	16	71.6	90
40 Ton	12,000	457,300	323,500	133,800	98.8	97	0.71	16	90.1	100
45 Ton	13,500	569,600	387,200	182,400	102.1	100	0.68	22	94.8	110
50 ton	15,000	653,100	449,100	204,000	99.9	99	0.69	24	97.6	110
55 ton	16,500	723,900	495,300	228,600	101.0	100	0.68	27	120.0	125



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Vertical Air Cooled 95F Ambient Unit Rating Information for Standard Airflow 300CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	144,400	94,100	50,300	110.2	109	0.65	6	23.4	30
15 Ton	4,500	212,900	139,700	73,200	109.2	108	0.66	9	35.4	45
20 Ton	6,000	302,900	192,000	110,900	113.8	112	0.63	13	53.2	60
25 Ton	7,500	341,300	223,400	117,900	109.8	108	0.65	14	57.5	70
30 Ton	9,000	396,200	265,200	131,000	107.4	106	0.67	16	66.0	80
35 Ton	10,500	450,600	302,200	148,400	107.8	106	0.67	18	78.0	100
40 Ton	12,000	466,400	323,500	142,900	105.0	103	0.69	17	88.7	110
45 Ton	13,500	584,800	391,100	193,700	107.8	106	0.67	23	104.4	110

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	136,600	92,600	44,000	100.8	101	0.68	5	23.4	30
15 Ton	4,500	198,500	135,500	63,000	101.2	100	0.68	8	35.4	45
20 Ton	6,000	281,900	186,700	95,200	104.8	103	0.66	11	53.2	60
25 Ton	7,500	318,300	217,600	100,700	101.8	100	0.68	12	57.5	70
30 Ton	9,000	369,900	258,200	111,700	99.4	98	0.70	13	66.0	80
35 Ton	10,500	420,000	291,400	128,600	99.8	98	0.69	15	78.0	100
40 Ton	12,000	435,000	312,000	123,000	98.0	96	0.72	15	99.7	110
45 Ton	13,500	545,500	379,300	166,200	100.8	99	0.70	20	104.4	110



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Vertical Water Cooled 85F EWT Unit Rating Information for Standard Airflow 300CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	141,800	93,700	48,100	109.1	108	0.66	6	20.2	25
15 Ton	4,500	217,300	141,700	75,600	110.1	109	0.65	9	32.2	40
20 Ton	6,000	301,800	192,000	109,800	112.7	111	0.64	13	43.9	60
25 Ton	7,500	323,000	217,000	106,000	107.6	106	0.67	13	51.1	60
30 Ton	9,000	407,100	269,700	137,400	108.4	107	0.66	16	59.6	80
35 Ton	10,500	468,100	309,300	158,800	108.8	107	0.66	19	71.6	90
40 Ton	11,250	484,400	325,300	159,100	107.7	106	0.67	19	83.4	100
45 Ton	13,500	607,100	399,200	207,900	110.1	108	0.66	25	94.8	110

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	3,000	134,500	91,600	42,900	102.1	101	0.68	5	20.2	25
15 Ton	4,500	202,500	137,500	65,000	102.1	101	0.68	8	32.2	40
20 Ton	6,000	280,400	186,600	93,800	104.7	103	0.67	11	43.9	60
25 Ton	7,500	300,900	210,100	90,800	99.6	98	0.70	11	51.1	60
30 Ton	9,000	378,700	261,500	117,200	100.4	99	0.69	14	59.6	80
35 Ton	10,500	436,100	299,100	137,000	100.8	99	0.69	16	71.6	90
40 Ton	11,250	456,300	317,300	139,000	99.7	98	0.70	17	83.4	100
45 Ton	13,500	574,700	389,000	185,700	103.1	101	0.68	22	94.8	110



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Packaged Air Cooled 95F Ambient Unit Rating Information for Reduced Airflow 250CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	134,300	84,900	49,400	113.9	113	0.63	6	22.8	30
15 Ton	3,750	204,500	128,100	76,400	115.2	114	0.63	9	35.4	45
20 Ton	5,000	292,300	179,400	112,900	118.4	117	0.61	14	50.3	60
25 Ton	6,250	331,800	209,000	122,800	114.4	113	0.63	15	54.6	70
30 Ton	7,500	381,400	243,300	138,100	112.5	111	0.64	17	66.0	80
35 Ton	8,750	438,400	281,000	157,400	112.5	111	0.64	19	74.8	100
40 Ton	10,000	468,500	305,200	163,300	110.6	109	0.65	20	93.0	110
45 Ton	11,250	573,500	364,100	209,400	113.6	112	0.63	25	98.1	110
50 ton	12,500	626,100	398,000	228,100	113.9	112	0.64	27	107.3	125
55 ton	13,750	716,500	447,700	268,800	116.1	114	0.62	32	125.8	150

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	124,900	82,600	42,300	104.9	104	0.66	5	22.8	30
15 Ton	3,750	190,700	125,000	65,700	106.2	105	0.66	8	35.4	45
20 Ton	5,000	271,500	175,100	96,400	109.4	108	0.64	12	50.3	60
25 Ton	6,250	308,900	203,500	105,400	105.4	104	0.66	13	54.6	70
30 Ton	7,500	355,100	236,700	118,400	104.5	103	0.67	14	66.0	80
35 Ton	8,750	408,800	273,300	135,500	104.5	103	0.67	16	74.8	100
40 Ton	10,000	436,500	296,400	140,100	102.6	101	0.68	17	93.0	110
45 Ton	11,250	534,700	354,500	180,200	104.6	103	0.66	22	98.1	110
50 ton	12,500	584,900	387,400	197,500	104.9	103	0.66	24	107.3	125
55 ton	13,750	666,000	435,400	230,600	107.1	105	0.65	28	125.8	150



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Packaged Water Cooled 85F EWT Unit Rating Information for Reduced Airflow 250CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	132,100	83,900	48,200	112.9	112	0.64	6	19.6	25
15 Ton	3,750	208,400	130,400	78,000	115.1	114	0.63	9	32.2	40
20 Ton	5,000	290,600	179,000	111,600	117.3	116	0.62	13	43.9	60
25 Ton	6,250	300,700	194,500	106,200	109.6	108	0.65	13	48.2	60
30 Ton	7,500	392,400	249,000	143,400	113.2	112	0.63	17	56.7	80
35 Ton	8,750	455,800	288,200	167,600	113.3	112	0.63	20	68.4	90
40 Ton	10,000	478,500	309,900	168,600	119.6	118	0.65	20	83.4	100
45 Ton	11,250	596,200	374,000	222,200	114.6	113	0.63	27	88.5	110
50 Ton	12,500	659,700	411,900	247,800	115.8	114	0.62	30	97.7	110
55 Ton	13,750	729,500	452,500	277,000	116.1	114	0.62	33	113.8	125

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	122,700	81,700	41,000	103.9	103	0.67	5	19.6	25
15 Ton	3,750	194,200	126,800	67,400	107.1	106	0.65	8	32.2	40
20 Ton	5,000	270,000	174,200	95,800	108.3	107	0.65	11	43.9	60
25 Ton	6,250	289,700	193,300	96,400	104.6	103	0.67	12	48.2	60
30 Ton	7,500	365,200	241,800	123,400	105.2	104	0.66	15	56.7	80
35 Ton	8,750	423,800	280,400	143,400	105.3	104	0.66	17	68.4	90
40 Ton	10,000	444,300	300,100	144,200	102.6	101	0.68	17	83.4	100
45 Ton	11,250	554,200	363,800	190,400	106.6	105	0.66	23	88.5	110
50 Ton	12,500	612,800	400,600	212,200	106.8	105	0.65	25	97.7	110
55 Ton	13,750	675,400	440,200	235,200	107.1	105	0.65	28	113.8	125



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Vertical Air Cooled 95F Ambient Unit Rating Information for Reduced Airflow 250CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	139,300	87,400	51,900	114.9	114	0.63	6	22.8	30
15 Ton	3,750	204,500	128,100	76,400	115.2	114	0.63	9	35.4	45
20 Ton	5,000	292,300	179,400	112,900	118.4	117	0.61	14	50.3	60
25 Ton	6,250	331,800	209,000	122,800	114.4	113	0.63	15	54.6	70
30 Ton	7,500	381,400	243,300	138,100	112.5	111	0.64	17	66.0	80
35 Ton	8,750	438,400	281,000	157,400	112.5	111	0.64	19	74.8	100
40 Ton	10,000	457,000	300,200	156,800	109.6	108	0.66	19	82.5	110
45 Ton	11,250	565,400	359,600	205,800	113.9	112	0.64	25	98.1	110

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	131,800	86,300	45,500	106.9	106	0.65	5	22.8	30
15 Ton	3,750	190,700	125,000	65,700	106.2	105	0.66	8	35.4	45
20 Ton	5,000	271,500	175,100	96,400	109.4	108	0.64	12	50.3	60
25 Ton	6,250	308,900	203,500	105,400	105.4	104	0.66	13	54.6	70
30 Ton	7,500	355,100	236,700	118,400	104.5	103	0.67	14	66.0	80
35 Ton	8,750	408,800	273,300	135,500	104.5	103	0.67	16	74.8	100
40 Ton	10,000	426,100	291,600	134,500	101.7	100	0.68	16	82.5	110
45 Ton	11,250	526,900	350,000	176,900	104.8	103	0.66	21	98.1	110



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60

# Vertical Water Cooled 85F EWT Unit Rating Information for Reduced Airflow 250CFM/TON

## Entering Air Conditions 80F/67F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	137,000	86,900	50,100	113.9	113	0.63	6	19.6	25
15 Ton	3,750	208,400	130,400	78,000	115.1	114	0.63	9	32.2	40
20 Ton	5,000	290,600	179,000	111,600	117.3	116	0.62	13	43.9	60
25 Ton	6,250	300,700	194,500	106,200	109.6	108	0.65	13	48.2	60
30 Ton	7,500	392,400	249,000	143,400	113.2	112	0.63	17	56.7	80
35 Ton	8,750	455,800	288,200	167,600	113.3	112	0.63	20	68.4	90
40 Ton	10,000	472,800	306,000	166,800	110.6	109	0.65	20	83.4	100
45 Ton	12,000	590,500	377,400	213,100	112.8	111	0.64	26	94.8	110

## Entering Air Conditions 75F/63F

UNIT	AIRFLOW	NET TOTAL CAPACITY	NET SENSIBLE CAPACITY	NET LATENT CAPACITY	UNIT LEAVING AIR TEMP	MAX. REHEAT LEAVING AIR TEMP	SHR	GPH	MCA (Amps)	MOP (Amps)
10 Ton	2,500	129,600	85,100	44,500	105.9	105	0.66	5	19.6	25
15 Ton	3,750	194,200	126,800	67,400	105.1	106	0.65	8	32.2	40
20 Ton	5,000	270,000	174,200	95,800	107.3	107	0.65	11	43.9	60
25 Ton	6,250	289,700	193,300	96,400	104.6	103	0.67	12	48.2	60
30 Ton	7,500	365,200	241,800	123,400	103.2	104	0.66	15	56.7	80
35 Ton	8,750	423,800	280,400	143,400	103.3	104	0.66	17	68.4	90
40 Ton	10,000	448,000	298,000	149,900	103.6	102	0.67	18	83.4	100
45 Ton	12,000	559,800	368,500	183,800	104.8	103	0.66	22	94.8	110



All Units	
Voltage (Voltage, Ph, Hz)	460-3-60