

# TEMPSTAR®

## Heating and Cooling Products

## TDK SERIES

### SLIM LINE DUCTED FAN COIL

#### FEATURES

##### All Models include

- 3 speed fan motor
- Factory installed washable return air filter
- High Efficiency copper tubes with aluminum fin coils
- Galvanized coating on steel parts for corrosion resistance
- Factory installed orifice expansion device
- Factory installed hanging brackets with isolators

##### Base model includes

- 24V transformer, 3 fan speed relays for remote thermostat control, terminal strips

##### Premium model includes

- 24V transformer, electronic control board with hand held remote control with LCD display



#### SPECIFICATIONS

Indoor Unit	Base Models with plenum	TDKP12AWA	TDKP18AWA	TDKP24AWA	TDKP30AWA	TDKP36AWA	TDKP48AWA	TDKP60AWA
	Premium Model with Plenum	TDKP12RWA	TDKP18RWA	TDKP24RWA	TDKP30RWA	TDKP36RWA	TDKP48RWA	TDKP60RWA
Rated Capacity (See Note 2)		13,071	20,032	25,255	31,653	33,974	47,791	60,252

#### INDOOR UNITS ALL MODELS

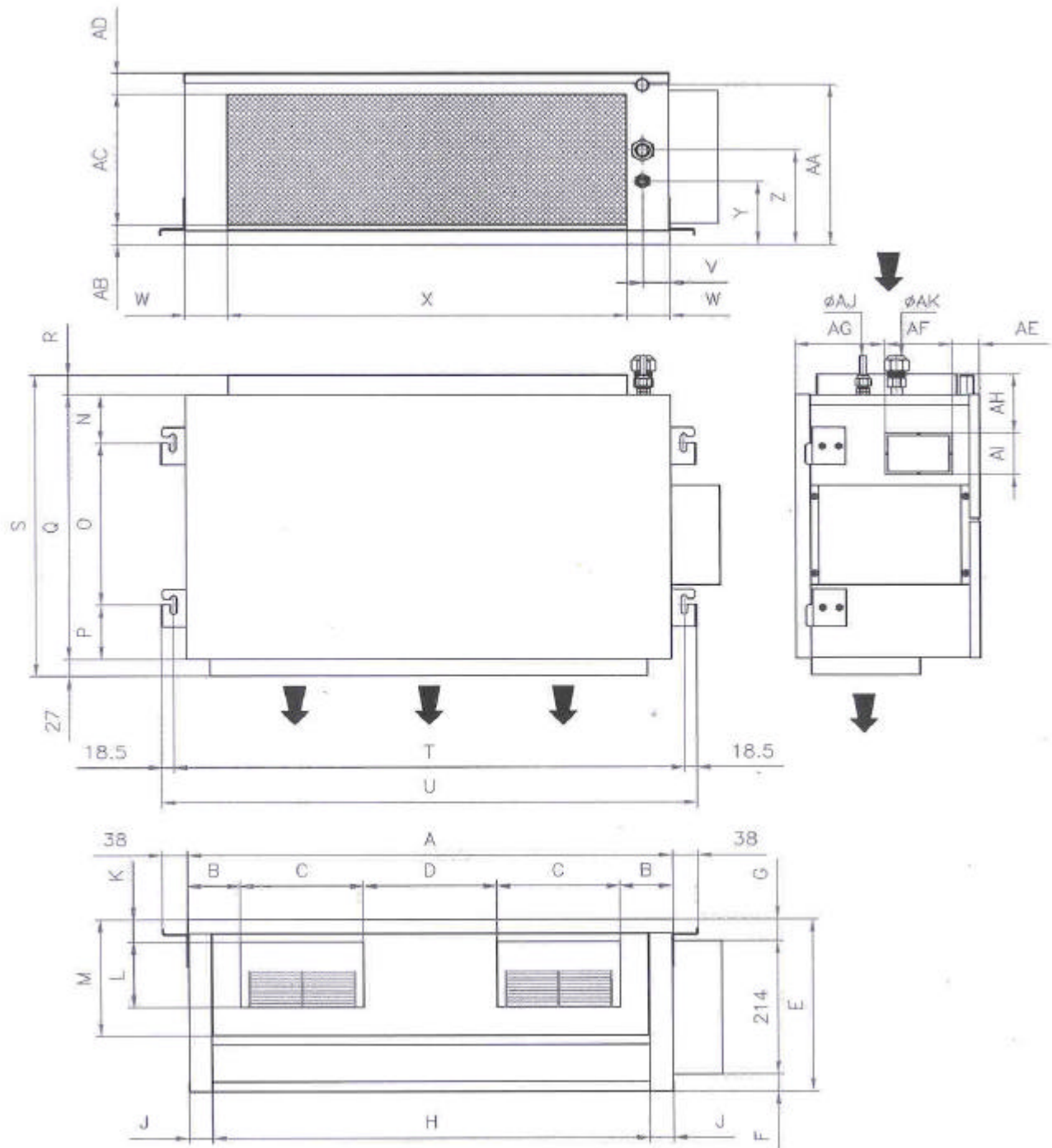
Electrical Data	Input Voltage	220V-1-50/60						
	Voltage Range	198 - 240						
	Operating Watts (H / M / L)	125 / 88 / 65	122 / 86 / 64	211 / 144 / 102	207 / 169 / 139	254 / 233 / 188	534 / 387 / 294	622 / 520 / 441
	Rated Amperage (H / M / L)	0.6 / 0.4 / 0.3	0.59 / 0.4 / 0.3	1.0 / 0.85 / 0.5	1.0 / 0.85 / 0.7	1.22 / 0.95 / 0.8	2.54 / 1.9 / 1.4	2.97 / 2.48 / 2.12
Blower Data	Quantity/size mm - qty	157 x 160 x 2	157 x 160 x 2	157 x 160 x 2	157 x 200 x 2	157 x 200 x 2	202 x 195 x 2	202 x 195 x 2
	Motor Quantity	1	1	1	1	1	1	1
	Motor Speeds	3	3	3	3	3	3	3
Airflow CFM	At rated capacity	695	740	791	1,072	1,088	1,750	1,948
	Rated Static inches water	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Physical Data	Coil Type	Aluminum fin copper tube						
	Refrigerant Control size	0.51	0.053	0.061	0.065	0.075	0.085	0.096
	Refrigerant Fittings	brazed						
	Liquid line size (inch)	3/4	3/4	3/4	3/4	3/4	7/8	7/8
	Suction line size (inch)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Drain Connection size (inch)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

#### DIMENSIONS

Model	Base model with plenum	TDKP12AWA	TDKP18AWA	TDKP24AWA	TDKP30AWA	TDKP36AWA	TDKP48AWA	TDKP60AWA
	Height (mm)	267	267	267	317	317	337	337
	Width (mm)	742	742	742	742	742	790	992
	Depth (mm)	455	455	455	525	525	652	652
	Weight (kg)	24.5	24.5	26.0	31.0	31.0	40.0	49.0
Model	Premium Model with Plenum	TDKP12RWA	TDKP18RWA	TDKP24RWA	TDKP30RWA	TDKP36RWA	TDKP48RWA	TDKP60RWA
	Height (mm)	267	267	267	317	317	337	337
	Width (mm)	742	742	742	742	742	790	992
	Depth (mm)	455	455	455	525	525	652	652
	Weight (kg)	24.5	24.5	26.0	31.0	31.0	40.0	49.0
Container Loading Quantities	20ft Standard	204	204	204	147	147	105	81
	40ft Standard	406	406	406	294	294	252	165
	40ft High Cube	480	480	480	350	350	252	204

#### Notes

Rated capacity is gross capacity based on 45 deg F Saturated Suction Temperature 80/67 entering air temperature and rated CFM. System Capacity will vary depending on the style, size and type of outdoor unit used with this fan coil.



MODELS	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S
<b>TDKP12-24</b>	742	86	185	200	267	26	27	658	42	24	105	175	66	307	82	455	27	509
<b>TDKP30-36</b>	790	60	230	210	317	76	27	716	37	55	105	205	58	385	82	525	27	579
<b>TDKP48</b>	790	60	230	210	337	98	25	716	37	39	136	210	54	512	86	652	27	706
<b>TDKP60</b>	992	124.5	232	279	337	98	25	919	36.5	39	136	210	54	512	86	652	27	706

MODELS	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
<b>TDKP12-24</b>	781	818	34	63.5	615	117	157	245	22	209	36	39	101	127	104.5	68	∅3/8"	∅3/4"
<b>TDKP30-36</b>	829	866	39	76	638	167	217	298	23	255	39	41	150	126	85	119	∅3/8"	∅3/4"
<b>TDKP48</b>	829	866	39	76	638	180	230	320	24	270	43	48	150	139	128	101	∅3/8"	∅7/8"
<b>TDKP60</b>	1031	1068	39	76	840	180	230	320	24	270	43	48	150	139	128	101	∅3/8"	∅7/8"

**CFM vs STATISTIC PRESSURE (INCH)**

Model	Fan Speed	Static Pressure (inches)					
		0.1	0.2	0.3	0.4	0.5	0.6
TDKP12*WA	High	948	852	676	-	-	-
	Medium	872	781	610	-	-	-
	Low	805	695	546	-	-	-
TDKP18*WA	High	955	912	673	-	-	-
	Medium	891	830	607	-	-	-
	Low	807	740	569	-	-	-
TDKP24*WA	High	969	962	643	-	-	-
	Medium	839	791	562	-	-	-
	Low	706	605	434	-	-	-
TDKP30*WA	High	1203	1072	913	716	-	-
	Medium	1169	1026	868	664	-	-
	Low	1120	943	829	646	-	-
TDKP36*WA	High	1255	1088	892	702	528	-
	Medium	1195	1048	867	687	493	-
	Low	1179	1018	835	660	452	-
TDKP48*WA	High	1990	1841	1674	1568	1398	1305
	Medium	1933	1793	1618	1481	1325	1220
	Low	1875	1750	1559	1398	1247	1102
TDKP60*WA	High	2097	1948	1714	1605	1428	1335
	Medium	1984	1880	1672	1549	1365	1242
	Low	1904	1779	1577	1454	1311	1127

# TDKP12

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**695 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	13,129	11,367	12,170	13,129	13,129
	63	16,122	9,358	10,343	12,315	13,794
	67	19,427	8,506	10,090	11,871	14,248
	71	23,002	-	9,606	11,479	13,360
	75	26,857	-	9,395	11,215	13,133
40	59	10,746	9,632	10,742	9,634	10,746
	63	13,363	8,166	10,479	12,793	13,363
	67	16,669	7,300	9,167	11,204	13,230
	71	20,113	-	8,397	10,241	12,075
	75	23,832	-	8,008	9,950	11,397
45	59	7,714	7,714	7,714	7,714	7,714
	63	10,331	7,262	9,681	10,329	10,329
	67	13,771	6,173	8,170	10,243	12,343
	71	17,075	-	7,212	9,218	10,957
	75	20,507	-	6,808	8,569	10,448
50	59	4,958	4,958	4,958	4,958	4,958
	63	7,299	6,677	7,298	7,298	7,298
	67	10,741	5,075	7,331	9,520	10,739
	71	13,909	-	6,092	8,076	9,918
	75	17,489	-	5,701	7,482	9,263

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**610 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	12,538	10,656	11,409	12,538	12,538
	63	15,391	8,772	9,697	11,544	12,929
	67	18,546	7,974	9,460	11,130	13,356
	71	21,966	-	9,007	10,765	12,523
	75	25,649	-	8,696	10,518	12,314
40	59	10,261	9,029	10,261	10,261	10,261
	63	12,760	7,655	9,825	11,994	12,760
	67	15,917	6,844	8,594	10,504	12,415
	71	19,205	-	7,872	9,601	11,331
	75	22,756	-	7,508	9,328	10,696
45	59	7,367	7,367	7,367	7,367	7,367
	63	9,866	6,807	9,076	9,866	9,866
	67	13,151	5,786	7,760	9,602	11,576
	71	16,307	-	6,850	8,642	10,276
	75	19,595	-	6,466	8,033	9,800
50	59	4,735	4,735	4,735	4,735	4,735
	63	6,970	6,343	6,970	6,970	6,970
	67	10,258	4,821	6,873	8,922	10,258
	71	13,283	-	5,711	7,569	9,294
	75	16,703	-	5,344	7,013	8,681

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**546 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	11,519	9,579	10,256	11,270	11,519
	63	14,141	7,886	8,717	10,230	11,622
	67	17,040	7,168	8,504	9,863	12,005
	71	20,182	-	8,097	9,540	11,257
	75	23,566	-	7,817	9,321	10,555
40	59	9,427	8,117	9,224	9,427	9,427
	63	11,723	6,882	8,832	10,782	11,471
	67	14,623	6,152	7,727	9,444	11,161
	71	17,644	-	7,077	8,632	10,186
	75	20,906	-	6,750	8,386	9,615
45	59	6,768	6,622	6,768	6,768	6,768
	63	9,063	6,119	8,159	8,866	9,063
	67	12,082	5,201	6,976	8,629	10,405
	71	14,982	-	6,158	7,766	9,236
	75	18,002	-	5,813	7,219	8,808
50	59	4,350	4,256	4,350	4,350	4,350
	63	6,404	5,702	6,264	6,404	6,404
	67	9,425	4,333	6,176	8,023	9,222
	71	12,204	-	5,132	6,807	8,355
	75	15,346	-	4,803	6,307	7,804

# TDKP18

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**740 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	19,098	16,535	17,703	19,098	19,098
	63	23,452	13,613	15,045	17,913	20,066
	67	28,260	12,374	14,678	17,269	20,726
	71	33,459	-	13,974	16,699	19,434
	75	39,067	-	13,666	16,315	19,103
40	59	15,631	14,010	15,626	14,014	15,631
	63	19,438	11,878	15,244	18,610	19,438
	67	24,247	10,618	13,336	16,299	19,244
	71	29,257	-	12,215	14,897	17,564
	75	34,667	-	11,650	14,474	16,578
45	59	11,221	11,221	11,221	11,221	11,221
	63	15,028	10,564	14,082	15,024	15,024
	67	20,032	8,979	11,885	14,900	17,954
	71	24,838	-	10,491	13,410	15,938
	75	29,831	-	9,903	12,464	15,198
50	59	7,213	7,213	7,213	7,213	7,213
	63	10,618	9,715	10,617	10,617	10,617
	67	15,627	7,383	10,666	13,850	15,624
	71	20,235	-	8,863	11,749	14,429
	75	25,444	-	8,294	10,885	13,477

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**607 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	18,238	15,500	16,596	18,238	18,238
	63	22,388	12,760	14,105	16,792	18,807
	67	26,978	11,599	13,761	16,190	19,428
	71	31,953	-	13,103	15,659	18,216
	75	37,310	-	12,650	15,299	17,912
40	59	14,927	13,135	14,927	14,927	14,927
	63	18,562	11,137	14,293	17,448	18,562
	67	23,155	9,956	12,504	15,281	18,061
	71	27,939	-	11,453	13,966	16,483
	75	33,104	-	10,923	13,570	15,559
45	59	10,716	10,716	10,716	10,716	10,716
	63	14,351	9,901	13,202	14,351	14,351
	67	19,130	8,416	11,287	13,968	16,838
	71	23,721	-	9,964	12,571	14,947
	75	28,503	-	9,406	11,685	14,255
50	59	6,888	6,888	6,888	6,888	6,888
	63	10,140	9,227	10,140	10,140	10,140
	67	14,923	7,013	9,998	12,979	14,923
	71	19,324	-	8,308	11,011	13,520
	75	24,298	-	7,775	10,202	12,628

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**569 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	16,756	13,934	14,919	16,395	16,756
	63	20,571	11,471	12,680	14,883	16,906
	67	24,788	10,427	12,370	14,349	17,463
	71	29,358	-	11,779	13,879	16,375
	75	34,281	-	11,372	13,559	15,354
40	59	13,713	11,807	13,417	13,713	13,713
	63	17,053	10,011	12,848	15,685	16,686
	67	21,272	8,949	11,239	13,738	16,235
	71	25,666	-	10,295	12,556	14,818
	75	30,413	-	9,819	12,200	13,987
45	59	9,845	9,632	9,845	9,845	9,845
	63	13,184	8,901	11,869	12,896	13,184
	67	17,575	7,566	10,148	12,553	15,136
	71	21,793	-	8,958	11,297	13,436
	75	26,186	-	8,456	10,501	12,813
50	59	6,328	6,191	6,328	6,328	6,328
	63	9,317	8,294	9,112	9,317	9,317
	67	13,711	6,303	8,984	11,672	13,416
	71	17,754	-	7,466	9,902	12,154
	75	22,324	-	6,987	9,175	11,351

**TDKP24**

**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**962 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	25,182	21,802	23,343	25,182	25,182
	63	30,923	17,949	19,839	23,620	26,458
	67	37,262	16,316	19,355	22,770	27,329
	71	44,119	-	18,426	22,018	25,625
	75	51,513	-	18,020	21,512	25,189
40	59	20,611	18,479	20,603	18,479	20,611
	63	25,631	15,668	20,100	24,540	25,631
	67	31,973	14,005	17,583	21,492	25,375
	71	38,578	-	16,106	19,643	23,160
	75	45,712	-	15,360	19,086	21,860
45	59	14,796	14,796	14,796	14,796	14,796
	63	19,816	13,930	18,568	19,811	19,811
	67	26,414	11,840	15,672	19,647	23,674
	71	32,751	-	13,833	17,682	21,015
	75	39,334	-	13,059	16,436	20,040
50	59	9,511	9,511	9,511	9,511	9,511
	63	14,002	12,810	14,000	14,000	14,000
	67	20,606	9,735	14,064	18,263	20,602
	71	26,682	-	11,687	15,492	19,026
	75	33,550	-	10,936	14,353	17,770

**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**791 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	24,048	20,439	21,882	24,048	24,048
	63	29,521	16,826	18,598	22,142	24,799
	67	35,573	15,295	18,144	21,347	25,617
	71	42,132	-	17,276	20,648	24,020
	75	49,196	-	16,679	20,173	23,618
40	59	19,682	17,319	19,682	19,682	19,682
	63	24,476	14,684	18,846	23,006	24,475
	67	30,531	13,128	16,487	20,148	23,815
	71	36,839	-	15,102	18,416	21,734
	75	43,650	-	14,403	17,893	20,516
45	59	14,130	14,130	14,130	14,130	14,130
	63	18,923	13,056	17,408	18,923	18,923
	67	25,225	11,097	14,883	18,418	22,203
	71	31,278	-	13,138	16,576	19,710
	75	37,584	-	12,403	15,408	18,796
50	59	9,082	9,082	9,082	9,082	9,082
	63	13,370	12,167	13,370	13,370	13,370
	67	19,676	9,247	13,183	17,114	19,678
	71	25,479	-	10,955	14,519	17,827
	75	32,037	-	10,251	13,452	16,650

**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**605 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	22,094	18,373	19,671	21,618	22,094
	63	27,124	15,126	16,719	19,624	22,292
	67	32,685	13,749	16,311	18,920	23,027
	71	38,711	-	15,531	18,300	21,591
	75	45,202	-	14,994	17,879	20,245
40	59	18,082	15,569	17,692	18,082	18,082
	63	22,486	13,200	16,941	20,682	22,003
	67	28,050	11,801	14,820	18,115	21,408
	71	33,844	-	13,575	16,557	19,539
	75	40,103	-	12,947	16,086	18,443
45	59	12,982	12,702	12,982	12,982	12,982
	63	17,386	11,738	15,651	17,006	17,386
	67	23,175	9,977	13,381	16,553	19,959
	71	28,737	-	11,812	14,897	17,717
	75	34,530	-	11,151	13,848	16,896
50	59	8,344	8,164	8,344	8,344	8,344
	63	12,285	10,937	12,015	12,285	12,285
	67	18,079	8,312	11,846	15,391	17,689
	71	23,410	-	9,845	13,057	16,026
	75	29,436	-	9,213	12,098	14,969

# TDKP30

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1072 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	30,174	26,125	27,971	30,174	30,174
	63	37,053	21,508	23,772	28,303	31,703
	67	44,649	19,551	23,192	27,284	32,746
	71	52,865	-	22,079	26,383	30,705
	75	61,725	-	21,593	25,777	30,183
40	59	24,697	22,143	24,687	22,143	24,697
	63	30,713	18,774	24,084	29,405	30,713
	67	38,311	16,782	21,069	25,753	30,406
	71	46,226	-	19,299	23,538	27,751
	75	54,774	-	18,405	22,870	26,194
45	59	17,730	17,730	17,730	17,730	17,730
	63	23,745	16,692	22,251	23,740	23,740
	67	31,653	14,188	18,779	23,543	28,369
	71	39,246	-	16,577	21,189	25,183
	75	47,135	-	15,648	19,695	24,015
50	59	11,396	11,396	11,396	11,396	11,396
	63	16,777	15,349	16,774	16,774	16,774
	67	24,690	11,665	16,852	21,882	24,685
	71	31,971	-	14,004	18,563	22,797
	75	40,200	-	13,104	17,198	21,292

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1026 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	28,816	24,490	26,221	28,816	28,816
	63	35,374	20,162	22,287	26,532	29,716
	67	42,626	18,327	21,742	25,580	30,696
	71	50,485	-	20,703	24,742	28,782
	75	58,950	-	19,987	24,173	28,301
40	59	23,584	20,753	23,584	23,584	23,584
	63	29,328	17,596	22,583	27,567	29,328
	67	36,584	15,731	19,755	24,143	28,536
	71	44,142	-	18,096	22,067	26,043
	75	52,304	-	17,258	21,441	24,584
45	59	16,932	16,932	16,932	16,932	16,932
	63	22,676	15,645	20,860	22,676	22,676
	67	30,227	13,298	17,835	22,070	26,606
	71	37,481	-	15,744	19,863	23,618
	75	45,037	-	14,862	18,464	22,524
50	59	10,883	10,883	10,883	10,883	10,883
	63	16,021	14,579	16,021	16,021	16,021
	67	23,579	11,080	15,797	20,507	23,579
	71	30,531	-	13,127	17,398	21,362
	75	38,390	-	12,284	16,120	19,952

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**943 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	26,474	22,016	23,571	25,903	26,474
	63	32,501	18,125	20,034	23,514	26,712
	67	39,164	16,476	19,545	22,671	27,592
	71	46,385	-	18,610	21,928	25,872
	75	54,163	-	17,967	21,423	24,259
40	59	21,667	18,656	21,200	21,667	21,667
	63	26,945	15,818	20,301	24,783	26,365
	67	33,611	14,141	17,759	21,706	25,652
	71	40,554	-	16,267	19,839	23,413
	75	48,054	-	15,515	19,276	22,099
45	59	15,556	15,220	15,556	15,556	15,556
	63	20,833	14,065	18,754	20,378	20,833
	67	27,770	11,955	16,034	19,835	23,916
	71	34,435	-	14,154	17,851	21,230
	75	41,377	-	13,362	16,593	20,246
50	59	9,999	9,783	9,999	9,999	9,999
	63	14,722	13,107	14,398	14,722	14,722
	67	21,665	9,961	14,196	18,443	21,199
	71	28,054	-	11,798	15,647	19,206
	75	35,275	-	11,040	14,497	17,938

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## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1255 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	36,915	31,961	34,220	36,915	36,915
	63	45,331	26,313	29,083	34,626	38,786
	67	54,624	23,918	28,373	33,379	40,062
	71	64,675	-	27,011	32,278	37,564
	75	75,515	-	26,417	31,535	36,925
40	59	30,214	27,089	30,202	27,089	30,214
	63	37,574	22,968	29,465	35,974	37,574
	67	46,869	20,531	25,776	31,506	37,198
	71	56,553	-	23,610	28,796	33,950
	75	67,010	-	22,517	27,978	32,046
45	59	21,691	21,691	21,691	21,691	21,691
	63	29,050	20,422	27,222	29,044	29,044
	67	38,724	17,358	22,975	28,803	34,707
	71	48,014	-	20,280	25,922	30,810
	75	57,665	-	19,144	24,095	29,380
50	59	13,942	13,942	13,942	13,942	13,942
	63	20,525	18,778	20,522	20,522	20,522
	67	30,206	14,271	20,616	26,771	30,201
	71	39,113	-	17,132	22,710	27,890
	75	49,181	-	16,032	21,041	26,049

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1195 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	35,253	29,961	32,079	35,253	35,253
	63	43,276	24,666	27,265	32,459	36,354
	67	52,148	22,421	26,599	31,294	37,553
	71	61,763	-	25,327	30,269	35,212
	75	72,119	-	24,452	29,573	34,623
40	59	28,853	25,389	28,853	28,853	28,853
	63	35,880	21,527	27,628	33,726	35,880
	67	44,757	19,245	24,169	29,537	34,911
	71	54,004	-	22,139	26,997	31,862
	75	63,989	-	21,114	26,231	30,076
45	59	20,714	20,714	20,714	20,714	20,714
	63	27,741	19,139	25,519	27,741	27,741
	67	36,978	16,268	21,819	27,000	32,549
	71	45,853	-	19,260	24,300	28,894
	75	55,097	-	18,182	22,588	27,555
50	59	13,315	13,315	13,315	13,315	13,315
	63	19,602	17,838	19,602	19,602	19,602
	67	28,848	13,556	19,327	25,090	28,848
	71	37,354	-	16,061	21,286	26,136
	75	46,969	-	15,029	19,722	24,411

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1088 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	32,388	26,933	28,836	31,690	32,388
	63	39,762	22,173	24,510	28,768	32,679
	67	47,913	20,156	23,910	27,736	33,755
	71	56,747	-	22,767	26,827	31,651
	75	66,262	-	21,980	26,210	29,678
40	59	26,507	22,823	25,936	26,507	26,507
	63	32,964	19,351	24,836	30,319	32,255
	67	41,119	17,300	21,726	26,555	31,383
	71	49,613	-	19,901	24,271	28,643
	75	58,788	-	18,981	23,582	27,036
45	59	19,031	18,620	19,031	19,031	19,031
	63	25,487	17,207	22,943	24,930	25,487
	67	33,974	14,626	19,616	24,265	29,259
	71	42,128	-	17,316	21,839	25,973
	75	50,620	-	16,347	20,300	24,769
50	59	12,232	11,968	12,232	12,232	12,232
	63	18,009	16,034	17,614	18,009	18,009
	67	26,503	12,186	17,366	22,562	25,933
	71	34,319	-	14,433	19,142	23,495
	75	43,152	-	13,506	17,735	21,944



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**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**1841 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	51,928	44,960	48,137	51,928	51,928
	63	63,767	37,015	40,911	48,708	54,560
	67	76,839	33,647	39,913	46,954	56,355
	71	90,978	-	37,997	45,405	52,842
	75	106,226	-	37,161	44,361	51,944
40	59	42,503	38,097	42,490	38,108	42,503
	63	52,856	32,302	41,453	50,607	52,856
	67	65,933	28,874	36,263	44,321	52,328
	71	79,555	-	33,217	40,510	47,759
	75	94,265	-	31,679	39,359	45,080
45	59	30,512	30,512	30,512	30,512	30,512
	63	40,864	28,727	38,292	40,855	40,855
	67	54,472	24,417	32,318	40,516	48,822
	71	67,540	-	28,527	36,464	43,339
	75	81,116	-	26,930	33,894	41,328
50	59	19,613	19,613	19,613	19,613	19,613
	63	28,874	26,416	28,870	28,870	28,870
	67	42,492	20,076	29,003	37,661	42,485
	71	55,023	-	24,101	31,948	39,235
	75	69,186	-	22,553	29,599	36,645

**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**1793 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	49,591	42,147	45,126	49,591	49,591
	63	60,877	34,698	38,354	45,661	51,140
	67	73,357	31,541	37,418	44,022	52,827
	71	86,883	-	35,628	42,580	49,533
	75	101,451	-	34,397	41,601	48,705
40	59	40,588	35,716	40,588	40,588	40,588
	63	50,474	30,283	38,865	47,443	50,473
	67	62,961	27,073	33,999	41,550	49,111
	71	75,969	-	31,143	37,977	44,821
	75	90,015	-	29,701	36,900	42,309
45	59	29,139	29,139	29,139	29,139	29,139
	63	39,024	26,924	35,899	39,024	39,024
	67	52,019	22,885	30,693	37,982	45,788
	71	64,503	-	27,095	34,183	40,646
	75	77,507	-	25,577	31,776	38,763
50	59	18,730	18,730	18,730	18,730	18,730
	63	27,573	25,092	27,573	27,573	27,573
	67	40,580	19,070	27,187	35,294	40,580
	71	52,546	-	22,593	29,942	36,765
	75	66,072	-	21,141	27,743	34,339

**COIL PERFORMANCE DATA - COOLING CAPACITY.**

**1750 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	45,560	37,888	40,565	44,578	45,560
	63	55,933	31,193	34,479	40,467	45,970
	67	67,399	28,354	33,636	39,016	47,484
	71	79,826	-	32,027	37,737	44,524
	75	93,211	-	30,921	36,869	41,748
40	59	37,288	32,107	36,485	37,288	37,288
	63	46,371	27,223	34,938	42,651	45,374
	67	57,843	24,337	30,563	37,356	44,147
	71	69,792	-	27,996	34,143	40,293
	75	82,699	-	26,701	33,173	38,033
45	59	26,771	26,193	26,771	26,771	26,771
	63	35,852	24,206	32,275	35,070	35,852
	67	47,791	20,575	27,595	34,135	41,159
	71	59,261	-	24,359	30,721	36,536
	75	71,208	-	22,995	28,556	34,843
50	59	17,208	16,837	17,208	17,208	17,208
	63	25,336	22,557	24,779	25,336	25,336
	67	37,285	17,143	24,431	31,741	36,483
	71	48,280	-	20,305	26,928	33,053
	75	60,707	-	19,000	24,949	30,872

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## COIL PERFORMANCE DATA - COOLING CAPACITY.

**2097 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	60,147	52,075	55,756	60,147	60,147
	63	73,860	42,873	47,387	56,417	63,196
	67	89,001	38,971	46,230	54,386	65,275
	71	105,378	-	44,011	52,592	61,206
	75	123,039	-	43,043	61,382	60,165
40	59	49,230	44,139	49,211	44,139	49,230
	63	61,222	37,425	48,010	58,616	61,222
	67	76,368	33,454	41,999	51,336	60,610
	71	92,146	-	38,471	46,921	55,318
	75	109,184	-	36,690	45,588	52,215
45	59	35,342	35,342	35,342	35,342	35,342
	63	47,333	33,274	44,345	47,322	47,322
	67	63,095	28,283	37,434	46,930	56,550
	71	78,232	-	33,043	42,237	50,200
	75	93,956	-	31,193	39,259	47,870
50	59	22,717	22,717	22,717	22,717	22,717
	63	33,443	30,597	33,439	33,439	33,439
	67	49,217	23,254	33,593	43,621	49,209
	71	63,731	-	27,915	37,004	45,444
	75	80,139	-	26,122	34,284	42,445

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1948 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	57,440	48,817	52,268	57,440	57,440
	63	70,513	40,190	44,425	52,888	59,234
	67	84,968	36,532	43,340	50,990	61,189
	71	100,634	-	41,267	49,320	57,373
	75	117,508	-	39,840	48,185	56,113
40	59	47,012	41,369	47,012	47,012	47,012
	63	58,462	35,076	45,017	54,952	58,462
	67	72,926	31,358	39,380	48,127	56,884
	71	87,992	-	36,072	43,988	51,915
	75	104,262	-	34,402	42,740	49,005
45	59	33,751	33,751	33,751	33,751	33,751
	63	45,200	31,185	41,581	45,502	45,502
	67	60,252	26,508	35,551	44,287	53,389
	71	74,712	-	31,383	39,858	47,393
	75	89,774	-	29,626	37,051	45,197
50	59	21,695	21,695	21,695	21,695	21,695
	63	31,938	29,064	31,938	31,938	31,938
	67	47,004	22,089	31,491	40,881	47,004
	71	60,864	-	26,169	34,682	42,585
	75	76,531	-	24,488	32,135	39,775

## COIL PERFORMANCE DATA - COOLING CAPACITY.

**1779 CFM**

SATURATED SUCTION TEMP F	EVAP. EAWB F	TOTAL CAPACITY	SENSIBLE CAPACITY @ EADB			
			70 F	75 F	80 F	85 F
35	59	52,771	43,883	46,984	51,634	52,771
	63	64,786	36,128	39,935	46,873	53,245
	67	78,067	32,841	38,959	45,191	54,999
	71	92,461	-	37,096	43,710	51,571
	75	107,964	-	35,814	42,705	48,356
40	59	43,189	37,187	42,259	43,189	43,189
	63	53,709	31,530	40,467	49,401	52,555
	67	66,997	28,188	35,400	43,268	51,134
	71	80,838	-	32,427	39,546	46,670
	75	95,787	-	30,927	38,423	44,052
45	59	31,008	30,339	31,008	31,008	31,008
	63	41,527	28,037	37,383	40,620	41,527
	67	55,355	23,832	31,962	39,537	47,673
	71	68,641	-	28,215	35,583	42,319
	75	82,478	-	26,635	33,076	40,358
50	59	19,931	19,503	19,931	19,931	19,931
	63	29,345	26,129	28,700	29,345	29,345
	67	43,184	19,858	28,297	36,764	42,256
	71	55,920	-	23,518	31,190	38,284
	75	70,314	-	22,007	28,898	35,757

