

EDN/ESN ESMA HIEER SERIES

PRODUCT CATALOGUE

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Introduction

These concealed Ductable Split Indoor & Outdoor units have been developed & produced to provide not only the ultimate indoor comfort, but also to guarantee long & trouble free operations.

Herein lies the reason for the choice of only the highest quality components and design strategies to meet the most important objectives such as:

- EFFICIENCY
- RELIABILITY
- FLEXIBILITY
- EASY INSTALLABILITY
- SERVICEABILITY
- AFFORDABILITY

CONCEALED DUCTABLE SPLIT SYSTEM CAPACITY 18,000 – 60,000 BTU/HR

Salient Features

FEATURES: CONCEALED DUCTABLE INDOOR SPLIT UNITS

- The EDN & ESN series units are the new range of Concealed ductable split units with compact design, low profile suitable for Horizontal installation in most standard drop ceiling application. Having flexibility in installation & low labour cost.
- The Concealed ductable Indoor split units are designed by latest fan coil technology, highly efficient in performance and ideal for both commercial and residential application with whisper quiet operation.
- The EDN & ESN series units are Leak tested by electronic machines, piped, internally wired and having holding charge of refrigerant R410a.
- These EDN & ESN units (1.5TR-5TR capacities) are available in the following voltages
 - 220 240 Volts / 1 Phase / 50 Hz
 Control voltage is 220 volts.
- Factory assembled controls with 220V wired remote controller (wireless remote controller is optional)
- EDN & ESN Concealed ductable Indoor split units are made from high quality Galvanized steel for high reliability and long period of operation.
- The coils are made of seamless inner grooved Copper tube/Corrugated Aluminum fin, Efficient and dependable metering of the refrigerant is provided by thermostatic expansion device or flow restrictor, a device which improves overall system reliability and is easily accessible for routine maintenance.

- The EDN & ESN is designed with advanced refrigerant circuitry keeping in mind for the minimum pressure drop for best output. Low density insulation has been used in units to avoid the heat loss which can bring down the performance of unit and for quiet operation.
- The indoor air compartment are completely insulated with 6mm fire retard Expanded Poly Ethylene (EPE) insulation.
- Units are completely factory wired with single point power input provided with knockouts for utility, main power supply and control connections.

Salient Features

FEATURES: OUTDOOR CONDENSING UNITS

- These outdoor units are the new range of Outdoor split units, suitable for side and up flow installation on the roof or on the ground.
- These Outdoor split models (1.5TR 5TR capacities) are available in the following voltages.
- 1) 220 240 Volts/50Hz
- 2) 380-420 Volts/50Hz

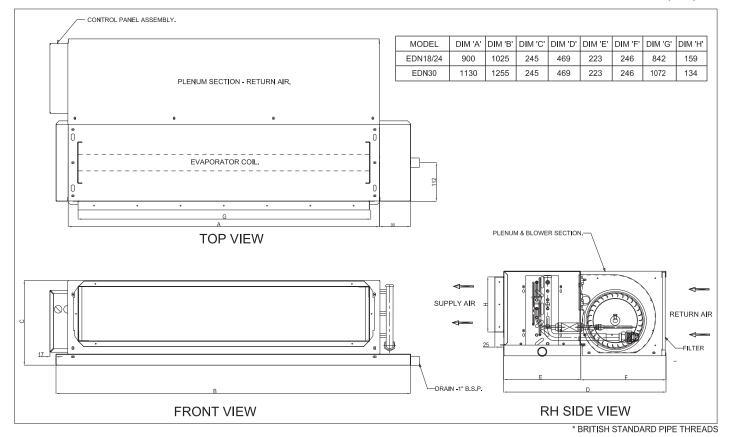
These units are designed & tested in accordance with ARI standards.

- The outdoor units are Leak tested with electronic machines, piped, internally wired and fully charged with refrigerant R410a.
- The Outdoor units are made from high quality Galvanized, weather resistant steel and powder coated for lasting protection and durability.
- Compressors are fully hermetic Scroll or Reciprocating type designed for high efficiency and provided with standard controls & safety devices.
- Higher capacity compressors are provided with crankcase heaters which warms oil and prevents dilution by refrigerant.
- Condenser coils are made of seamless inner grooved copper tube and aluminum corrugated fins mechanically bonded for maximum heat transfer and Coils are factory tested for leaks and pressure at 550psig.

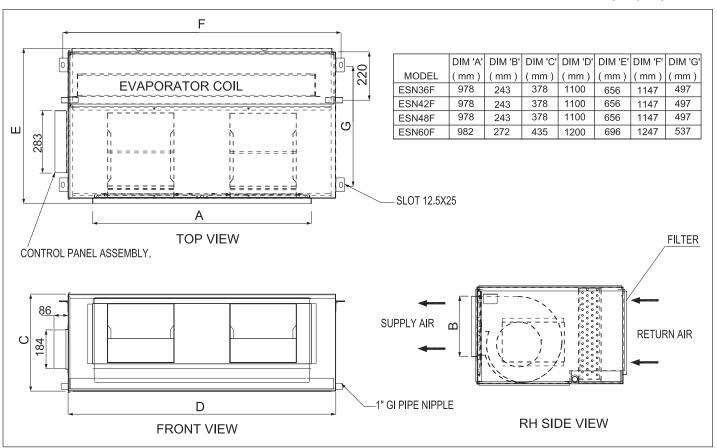
- Condenser coils are designed to have minimum pressure drop for refrigerant flow to get best output.
- Condenser fans are propeller type, direct drive draw through vertical discharge with fan guard mounted to the panel.
- HP & LP Controls for models above 3TR are provided for the safe operation of the compressor.
- Easy accessible control box, compressor and High pressure switch.
- All the units are provided with Time delay.

GA DRAWINGS

GENERAL ARRANGEMENT FOR LO-STATIC R410A ESMA HI-EER SERIES - EDN18/24/30



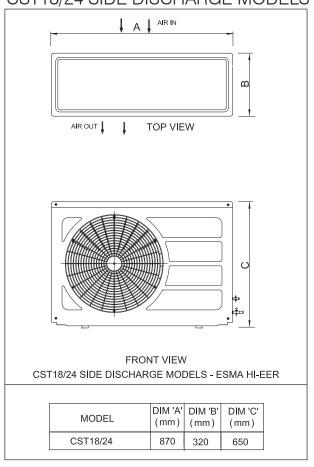
GENERAL ARRANGEMENT FOR HI-STATIC - R410A ESMA SERIES - ESN36/42/48/60



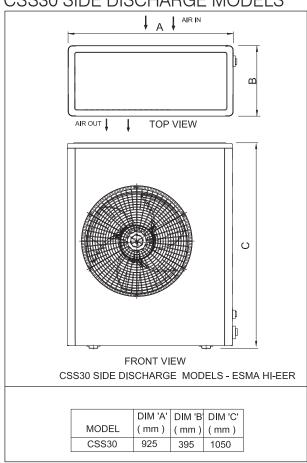
DIMENSIONS & LAYOUT SHOWN ABOVE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

GA DRAWINGS

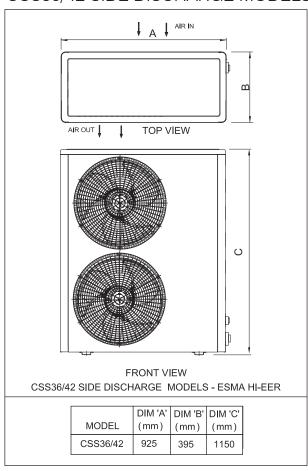
CST18/24 SIDE DISCHARGE MODELS



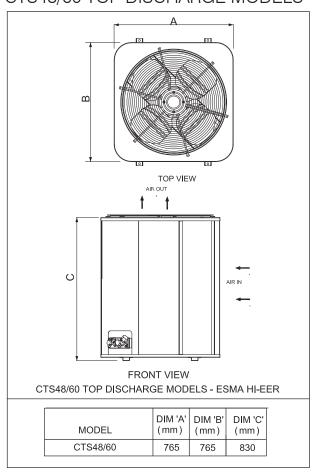
CSS30 SIDE DISCHARGE MODELS

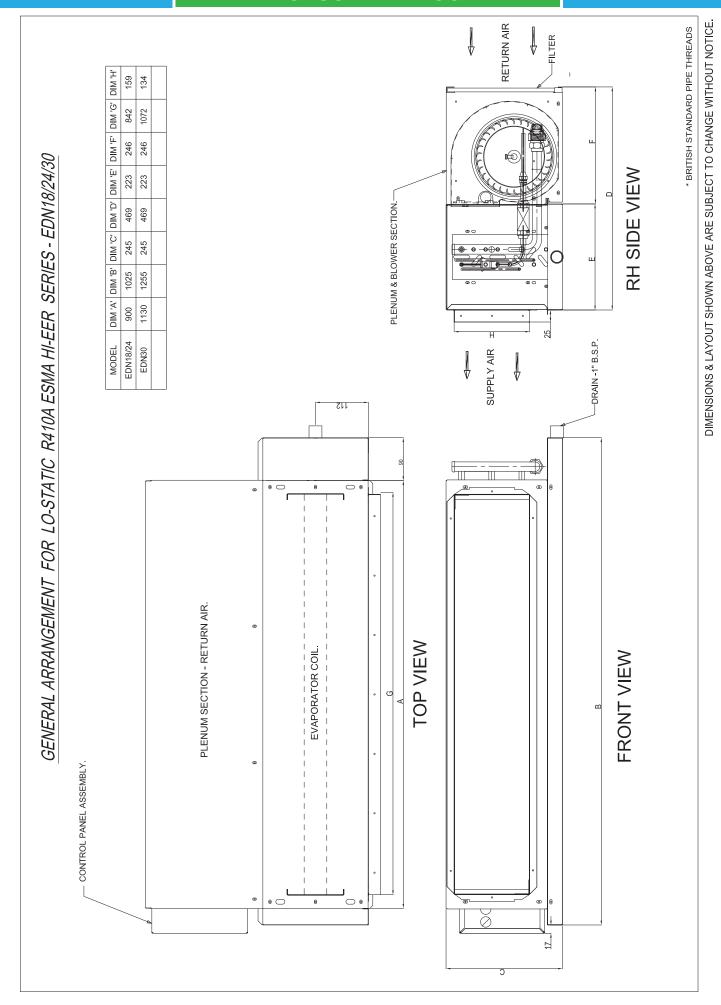


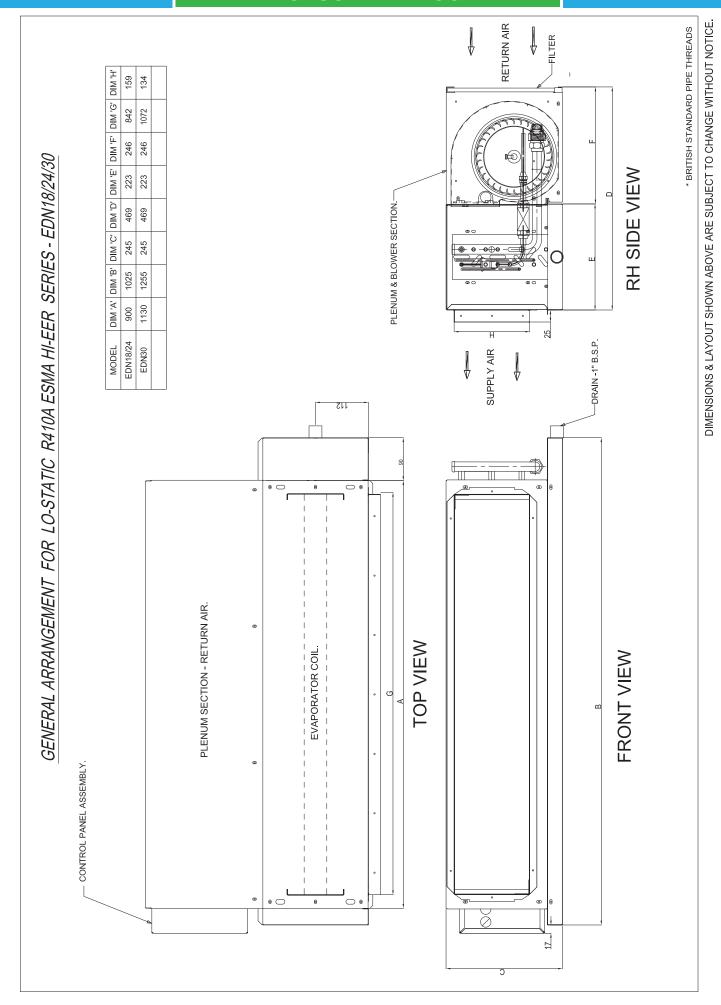
CSS36/42 SIDE DISCHARGE MODELS

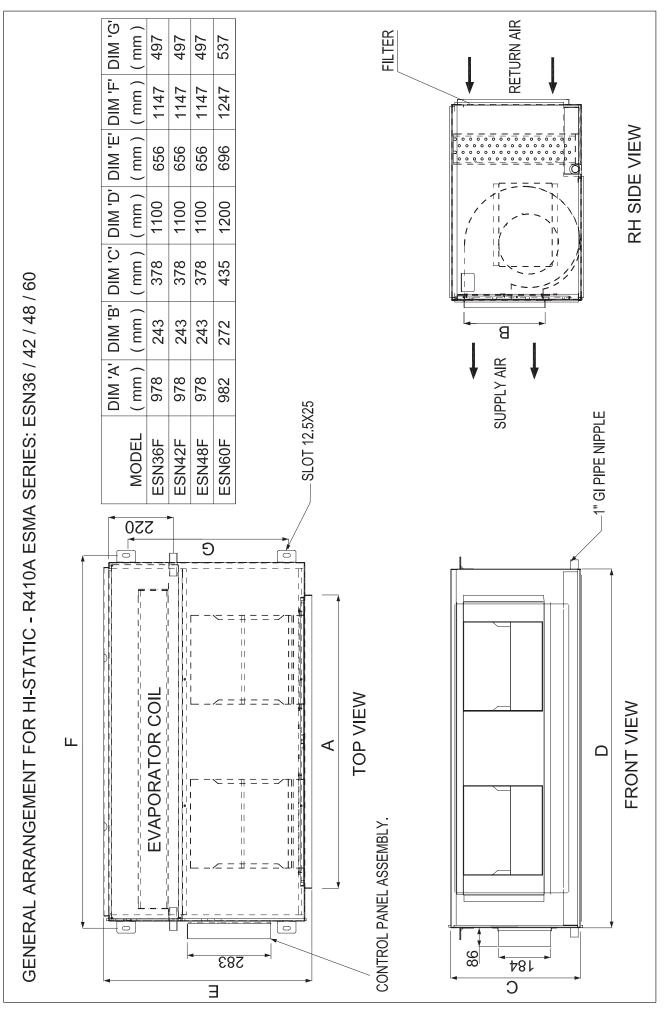


CTS48/60 TOP DISCHARGE MODELS









DIMENSIONS' & LAYOUT SHOWN ABOVE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

R410A, 50Hz

Liquid line Pipe selection (Outdoor unit above indoor unit) Max Elevation: 20 Meters

			Equivalent Pipe length (m) - Vertical + Horizontal									
	Pipe Size	7.5	10	15	20	25	30	35	40			
18	1/4"*	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"			
24	1/4"*	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"			
30	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"			
36	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"			
42	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"			
48	3/8"*	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"			
60	1/2"*	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"			

^{*-} Standard pipe size supplied by factory will be 5 m.

Total Equivalent length of piping: 40 m.

R410A, 50Hz
Liquid line Sizing (Indoor unit above outdoor unit) Max Elevation: 15 Meters

				Equivalent F	Pipe length (r	n) - Vertical	+ Horizontal		
	Pipe Size	7.5	10	15	20	25	30	35	40
18	1/4"*	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
24	1/4"*	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
30	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
36	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
40	3/8"*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"		
42	1/2"							1/2"	1/2"
48	1/2"*	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
60	1/2"*	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

^{*-} Standard pipe size supplied by factory will be 5 m.

The maximum elevation on indoor unit above outdoor unit: 15 m.

Total Equivalent length of piping: 40 m.

General Notes:

- 1) The above chart is applicable for Recip / Scroll compressors
- 2) For rotary compressor the max elevation allowed is 10 meters and the total Equivalent length of piping is to be limited to 15 meters
- 3) For Recip / Scroll compressor the max elevation allowed is 20 meters and the total Equivalent length of piping is to be limited to 40 meters

Extra Refrigerant Charging

Liquid line size	R410a Charge (grams/ft)
3/8	17
5/16	15
1/4	10

The maximum elevation on Outdoor unit above indoor unit: 20 m.

R410A, 50Hz

Suction Line Pipe Selection Chart

				Equivalent	Pipe length (m) - Vertical -	+ Horizonta	ıl	
	Pipe Size	7.5	10	15	20	25	30	35	40
18	1/2"*	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
10	5/8"			•	-	-		-	5/8"
24	5/8"*	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
24	3/4"								
30	5/8"*	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"		
30	3/4"			-	-	-		3/4"	3/4"
36	5/8"*	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"		
30	3/4"							3/4"	3/4"
42	3/4"*	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
42	7/8"			-	-	-			7/8"
48	3/4"*	3/4"	3/4"	3/4"	3/4"	3/4"			
40	7/8"						7/8"	7/8"	7/8"
60	3/4"*	3/4"	3/4"	3/4"		•		•	
00	7/8"				7/8"	7/8"	7/8"	7/8"	7/8"

^{*-} Standard pipe size supplied by factory will be 5 m.

R410A, 50Hz

Capacity Loss Multiplier

				Equivalent	Pipe length (ı	m) - Vertical	+ Horizontal		
	Pipe Size	7.5	10	15	20	25	30	35	40
18	1/2"*	0	0.992	0.984	0.979	0.974	0.969	0.964	
10	5/8"								0.969
24	5/8"*	0	0.994	0.982	0.977	0.972	0.967	0.963	0.958
30	5/8"*	0	0.99	0.982	0.977	0.972	0.967		
30	3/4"							0.972	0.967
36	5/8"*	0	0.991	0.988	0.983	0.978	0.973		
30	3/4"							0.978	0.973
42	3/4"*	0	0.989	0.982	0.977	0.972	0.967	0.963	
42	7/8"								0.967
48	3/4"*	0	0.981	0.979	0.974	0.969			
40	7/8"			•		•	0.971	0.969	0.964
60	3/4"*	0	0.982	0.978		·	·	·	
00	7/8"		•		0.974	0.971	0.965	0.961	0.958

General Notes:

- 1) The above chart is applicable for Recip / Scroll compressors
- 2) For rotary compressor the max elevation allowed is 10 meters and the total Equivalent length of piping is to be limited to 15 meters
- 3) For Recip / Scroll compressor the max elevation allowed is 20 meters and the total Equivalent length of piping is to be limited to 40 meters
- 4) When the Outdoor unit is located above indoor unit, install a suction riser every 5 meters
- 5) The capacity derating as per the performance chart applicable at various ambiant temperatures
- 6) The total length exceed more than 20 mts the following components to be installed at site
- 6.1) hard start kit (start capacitor and relay) must be installed on outdoor unit
- 6.2) Crankcase heater must be installed on compressor

UNIT SPECIFICATIONS

ENGINEERING SPECIFICATIONS: INDOOR & OUTDOOR

			ription		JU.		0.10.	Cool only mod			• •
			• • • •	Indoor		EDN		220. 0.my mou		SN	
				Unit	18	24	30	36	42	48	60
	Мо	odels - Duc	ted	0.44	С	ST		css		C.	TS
				Outdoor Unit	18	24	30	36	42	48	60
Nomin	nal Capa	acities		Btu/h	17,300	21,600	25,600	34,890	39,900	46,640	51,600
Power	r Consu	ımption	Cooling @	Watts	1650	2070	2560	3210	3750	4370	4860
Runnii	ng Curr	rent	35°C -T1	Amps	7.4	9.3	11.5	14.4	6.4	7.5	8.2
EER				Btu/hr/W	10.485	10.435	10.000	10.869	10.640	10.673	10.617
Nomin	nal Capa	acities		Btu/h	15,400	18,800	22,400	29,800	34,000	38,800	43,700
Power	r Consu	ımption	Cooling @	Watts	1890	2310	2750	3670	4190	4780	5340
Runni	ng Curr	rent	46°C - T3	Amps	8.5	10.4	12.3	16.5	7.2	8.2	9.0
EER				Btu/hr/W	8.148	8.139	8.145	8.120	8.115	8.117	8.184
Refrig	erant T	уре	<u> </u>			ı	I	R-410A	1	l	ı
	1	Supply		V/Ph/Hz				230/1/50			
		Fan Type		l			Do	ouble inlet Double	e width		
		Air flow Ra	te	m³/h	833	1258	1445	2040	2350	2720	3060
		Input Powe	er	W	140	210	220	380	400	440	690
	Fan	Running C	urrent	А	0.58	0.92	1.1	1.80	1.98	2.18	2.90
		Fan Motor	Protection	ı		ı	Auto	Reset Thermal (Overload	ı	
		Sound Pre	essure	dBA	55/52/49	57/53/51	59/55/53	64/60/57	64/61/58	66/62/60	68/64/60
		(H/M/L)	Material					er Groove Coppe			
Indoor Unit		Tube		mm	7.9	7.9	9.52	9.52	9.52	9.52	9.52
door	8				7.5	7.5	0.02	Aluminum	0.02	0.02	5.52
드		Tube Material		3	3	3	3	3	4	3	
				245	245	245	378	378	378	435	
	Dimen	sions	Width	mm	1,025	1,025	1,255	1,100	1,100	1,100	1,200
			Depth		469	469	469	660	660	660	700
	Weigh	ıt		kg	25	25	30	70	73	75	82
	Syster	m Operation	Control			l	Wire	ed controller with	remote		
	Conde	ensate Drain	age (O.D.)	mm				19.05			
	Air Filt	ter		ı				Synthetic, Wash	able		
	Power	Supply		V/Ph/Hz		230	/1/50			400/3/50	
	Air Dis	scharge		Туре			Side			Т	ор
	Ĺ	Quantity		•	1	1	1	1	1	1	1
	Compressor	Compresso	or Type		Ro	tary			Scroll		
	Jomp	Vibration Is	solator					Rubber moun	it		
		Protection	Device				Auto	Reset Thermal (Overload		
		Quantity			1	1	1	2	2	1	1
	Fan	Fan / Type	Drive				F	Propeller/Direct [Drive		
	"	Fan Speed		RPM	900	900	825	900	900	1050	1050
Outdoor Unit		Blade Mate	erial				Plastic			Me	etal
tdooi		Туре	Construction					Fin tube construc	ction		
o	Coil	Material	Tube				Inr	ner groove coppe	er tube		
			Fin				ı	Aluminum			
		No. of Row	1		2	2	2	2	3	2	2
	D.		Height		650	650	1050	1150	1150	830	830
	Dimen	sions	Width	mm	870	870	925	925	925	765	765
	141		Depth		320	320	395	395	395	765	765
	Weigh	1		kg	62	63	101	106	110	136	136
	ing	Туре	S 4!		4/0	5/0	5/0	Flared	0/4	0/4	0/4
	Piping	Pipe Size	Suction	inch	1/2	5/8	5/8	5/8	3/4	3/4	3/4
			Liquid		1/4	1/4	3/8	3/8 5°C) dry bulb ambie	3/8	3/8	1/2

Nominal Cooling Capacity is based on 80.6°F (27°C) dry bulb, 66.2°F (19°C) wet bulb indoor conditions and 95°F (35°C) dry bulb ambient outdoor temperature at high speed.

T3: Cooling Capacity is based on 84.6°F (29°C) dry bulb, 66.2°F (19°C) wet bulb indoor conditions and 115°F (46°C) dry bulb. ambient outdoor temperature at high speed.
 Specifications are subjected to change without notice in accordance with our policy of continous research and product development.
 Noise test data is @3meters distance, as per factory test standard.

	Fan Spe	ned .	D		JNITS(COOL) - (QUICK SELCTIC		0A - 50HZ		Low	
Ex	ternal Static Pro		0	Hi 0.1	0.2	0	Med 0.1	0.2	0	0.1	0.2
Model	Air on	Air On				To	tal Capacity BTI				
	Condenser (F) 95	Evaporator (F) 80/67	18443	17906	17010	16967	16473	15649	15610	15155	14397
	95	80.6/62.6	16928	16435	15613	15574	15120	14364	14328	13911	13215
	95	80.6/66.2	17819	17300	16435	16393	15916	15120	15082	14643	13911
	95	76/63	15927	15463	14690	14653	14226	13515	13481	13088	12434
	105	80.6/62.6	16065	15597	14817	14780	14349	13632	13597	13201	12541
	105	80/67	16910	16418	15597	15557	15104	14349	14313	13896	13201 10957
18	105 115	76/63 80.6/62.6	14035 15201	13627 14630	12945 14021	12913 13985	12537 13578	11910 12899	11880 12866	11534 12492	11867
	115	80/67	16562	15939	15275	15237	14793	14053	14018	13609	12929
	115	84.2/66.2	16001	15400	14759	14721	14293	13578	13544	13149	12492
	115	76/63	13281	12894	12250	12219	11863	11270	11241	10914	10368
	125	80.6/62.6	12344	11984	11385	11356	11025	10474	10448	10143	9636
	125	80/67	12993	12615	11984	11954	11606	11025	10997	10677	10143 9362
	125	76/63	11993	11643	11061	11033	10712	10176	10151	9855	9362
	Fan Spe			Hi			Med			Low	
	ternal Static Pre		0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
lodel	Air on	Air on				Sen	sible Capacity B	TUH			
	Condenser (F)		16396	15918	15122	15084	14645	12012	13877	13473	12799
	95 95	80/67 80.6/62.6	16420	15942	15145	15107	14667	13912 13933	13898	13493	12819
	95	80.6/66.2	15841	15380	14611	14574	14149	13442	13407.9	13017.4	12366.5
	95	76/63	14159	13747	13060	13027	12647	12015	11984.4	11635.4	11053.6
	105	80.6/62.6	15583	15129	14372	14336	13919	13223	13189	12805	12165
	105	80/67	15033	14595	13866	13831	13428	12756	12724.1	12353.5	11735.8
18	105	76/63	12478	12114	11508	11479	11145	10588	10561.0	10253.4	9740.7 11511
	115 115	80.6/62.6 80/67	14745 14723	14191 14294	13600 13580	13566 13545	13171 13151	12512 12493	12480 12462	12117 12099	11494
	115	84.2/66.2	14/23	13811	13120	13087	12706	12493	12040.3	11689.6	11105.1
	115	76/63	11807	11463	10890	10862	10546	10019	9993.4	9702.4	9217.3
	125	80.6/62.6	11973	11624	11043	11015	10695	10160	10134	9839	9347
	125	80/67	11551	11215	10654	10627	10317	9801	9776.7	9492.0	9017.4
	125	76/63	10662	10351	9833	9809	9523	9047	9023.9	8761.1	8323.0
	Fan Spe	ed		Hi			Med			Low	
Ex	ternal Static Pro		0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
1odel	Air on	Air on					Air Flow (CMH))			
		Evaporator (F)	0.00	000	==0	=00			=00	600	(10
	95 95	80/67	859 859	833 833	758 758	789 789	765 765	697 697	700 700	680 680	619 619
	95	80.6/66.2	859	833	758	789	765	697	700.4	680.0	618.8
	95	76/63	859	833	758	789	765	697	700.4	680.0	618.8
	105	80.6/62.6	859	833	758	789	765	697	700	680	619
	105	80/67	859	833	758	789	765	697	700.4	680.0	618.8
18	105	76/63	859	833	758	789	765	697	700.4	680.0	618.8
	115	80.6/62.6	859	833	758	789	765	697	700	680	619 619
	115 115	80/67 84.2/66.2	859 859	833 833	758 758	789 789	765 765	697 697	700 700.4	680 680.0	618.8
	115	76/63	859	833	758	789	765	697	700.4	680.0	618.8
	125	80.6/62.6	859	833	758	789	765	697	700	680	619
	125	80/67	859	833	758	789	765	697	700.4	680.0	618.8
	125	76/63	859	833	758	789	765	697	700.4	680.0	618.8
	Ean Cno	hou		11:			N 4I			Low	
Fyt	Fan Spe ternal Static Pre		0	Hi 0.1	0.2	0	Med 0.1	0.2	0	0.1	0.2
odel		Air on	0	0.1	0.2	0	Power Input (kW	/)	0	0.1	0.2
	Condenser (F)	Evaporator (F)									
	95	80/67	1.72	1.70	1.69	1.67	1.65	1.64	1.62	1.61	1.59
	95	80.6/62.6	1.69	1.67	1.65	1.64	1.62	1.61	1.59	1.57	1.56
	95	80.6/66.2	1.67	1.65	1.64	1.62	1.60	1.59	1.58	1.56	1.55 1.50
	95 105	76/63 80.6/62.6	1.62 1.88	1.60 1.86	1.59 1.84	1.57 1.83	1.56 1.81	1.54 1.79	1.53 1.78	1.51 1.76	1.74
	105	80/67	1.86	1.84	1.83	1.81	1.79	1.78	1.76	1.74	1.73
18	105	76/63	1.83	1.80	1.79	1.77	1.75	1.74	1.73	1.70	1.69
.0	115	80.6/62.6	1.93	1.91	1.92	2.02	2.00	1.98	1.96	1.94	1.92
	115	80/67	1.97	1.95	1.96	2.06	2.03	2.02	2.00	1.98	1.96
	115	84.2/66.2	1.91	1.89	1.91	2.00	1.98	1.96	1.94	1.92	1.90 1.87
	115 125	76/63 80.6/62.6	2.02	2.00 2.34	1.98 2.32	1.97 2.30	1.94 2.27	1.93 2.25	1.91 2.23	1.89 2.21	2.19
	125	80.6/62.6	2.36	2.34	2.32	2.30	2.27	2.23	2.23	2.19	2.17
	125	76/63	2.28	2.26	2.24	2.22	2.19	2.18	2.16	2.13	2.12
_	Fan Spe			High			Med			Low	0.0
	ternal Static Pro		0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
lodel	Air on Condenser (F)	Air on Evaporator (F)					EER				
	95	80/67	10.72	10.54	10.09	10.15	9.97	9.55	9.61	9.44	9.04
	95	80.6/62.6	10.04	9.86	9.44	9.50	9.33	8.94	8.99	8.84	8.46
	95	80.6/66.2	10.67	10.48	10.04	10.10	9.92	9.50	9.56	9.39	9.00
	95	76/63	9.83	9.66	9.25	9.31	9.14	8.76	8.81	8.66	8.29
	105	80.6/62.6	8.54	8.39	8.03	8.08	7.94	7.60	7.65	7.51	7.20
	105	80/67	9.08	8.92	8.54	8.59	8.44	8.08	8.13	7.99	7.65 6.48
18	105 115	76/63 80.6/62.6	7.69	7.55	7.23	7.27	7.15	6.85	6.89	6.77 6.44	6.17
	115	80.6/62.6	7.87 8.41	7.66 8.19	7.29 7.78	6.93 7.40	6.80 7.27	6.52 6.96	6.56 7.00	6.88	6.59
	115	84.2/66.2	8.37	8.15	7.75	7.36	7.23	6.93	6.97	6.85	6.56
	115	76/63	6.57	6.45	6.18	6.22	6.11	5.85	5.88	5.78	5.54
	125	80.6/62.6	5.22	5.13	4.91	4.94	4.86	4.65	4.68	4.60	4.40
	125	80/67	5.55	5.45	5.22	5.25	5.16	4.94	4.97	4.89	4.68
	125	76/63	5.25	5.16	4.94	4.97	4.88	4.68	4.70	4.62	4.42

			D	UCTED SPLIT U		dels- Cooling cap QUICK SELCTIO)A -50HZ			
	Fan Spee			Hi			Med			Low	
Ex Model	ternal Static Pres		0	0.1	0.2	O To:	0.1 tal Capacity BTU	0.2	0	0.1	0.2
Model	Air on Condenser (F)	Air on Evaporator (F)				10	іаг Сарасііў БТС	71 1			
	95	80/67	23027	22356	21238	21185	20568	19539	19490	18922	17976
	95	80.6/62.6	21136	20520	19494	19445	18878	17934	17889	17368	16500
	95	80.6/66.2	22248	21600	20520	20468	19872	18878	18831	18282	17368
	95	76/63	19591	19020	18069	18023	17498	16623	16581	16099	15294
	105	80.6/62.6	19381	18817	17876	17831	17311	16446	16404	15927	15130
	105	80/67	20401	19807	18817	18769	18223	17311	17268	16765	15927
2.4	105	76/63	16933	16440	15618	15579	15125	14369	14332	13915	13219
24	115 115	80.6/62.6 80/67	17627 19204	17860 19458	16258 17713	16217 17668	15745 17153	14957 16296	14920 16254	14485 15781	13761 14992
	115	84.2/66.2	18555	18800	17114	17070	16573	15745	15705	15247	14485
	115	76/63	15401	14952	14204	14168	13756	13068	13035	12655	12023
	125	80.6/62.6	14313	13896	13201	13168	12785	12145	12115	11762	11174
	125	80/67	15067	14628	13896	13861	13457	12785	12752	12381	11762
	125	76/63	13906	13501	12826	12794	12421	11800	11770	11428	10856
Fx	Fan Spee ternal Static Pres		0	Hi 0.1	0.2	0	Med 0.1	0.2	0	Low 0.1	0.2
Model	Air On	Air On	Ü	· · ·	U. <u>_</u>		sible Capacity B7			J.,	
	Condenser	Evaporator					' '				
	(F)	(F)									
	95	80/67	20471	19874	18881	18833	18285	17370	17326	16822	15981
	95	80.6/62.6	20502	19904	18909	18861	18312	17396	17352	16847	16005
	95	80.6/66.2	19778	19202	18242	18196	17666	16783	16740.5	16252.9	15440.3
	95	76/63	17416	16909	16063	16023	15556	14778	14740.9	14311.6	13596.0
	105	80.6/62.6	18800	18252	17340	17296	16792	15953	15912	15449	14676
	105	80/67	18137	17609	16728	16686	16200	15390	15351.0	14903.9	14158.7
2.4	105	76/63	15054	14615	13884	13849	13446	12774	12741.4	12370.3	11751.7
24	115	80.6/62.6	17098	17324	15770	15730	15272	14509	14472	14050	13348
	115	80/67	17073	16575	15747	15707	15249	14487	14450	14029	13328
	115	84.2/66.2	16495	16015	15214	15176	14734	13997	13961.6	13554.9	12877.2
	115	76/63	13691	13292	12628	12596	12229	11617	11588.1	11250.6	10688.1
	125 125	80.6/62.6 80/67	13884 13394	13479 13004	12805 12354	12773 12323	12401 11964	11781 11366	11751 11336.8	11409 11006.6	10839 10456.3
	125	76/63	12363	12003	11403	11374	11042	10490	10463.9	10159.1	9651.1
	Fan Spee			Hi			Med			Low	
Fx	ternal Static Pres	sure in wo	0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	0	011	0.2		Air Flow (CMH)			011	
Model	Condenser	Evaporator					7 til 1 10W (C/VII 1)				
	(F)	(F)									
	95	80/67	1295	1258	1144	1190	1156	1052	1051	1020	928
	95	80.6/62.6	1295	1258	1144	1190	1156	1052	1051	1020	928
	95	80.6/66.2	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
	95	76/63	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
	105	80.6/62.6	1295	1258	1144	1190	1156	1052	1051	1020	928
	105	80/67	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
٠.	105	76/63	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
24	115	80.6/62.6	1295	1258	1144	1190	1156	1052	1051	1020	928
	115	80/67	1295	1258	1144	1190	1156	1052	1051	1020	928
	115	84.2/66.2	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
	115	76/63	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
	125 125	80.6/62.6 80/67	1295 1295	1258 1258	1144 1144	1190 1190	1156 1156	1052 1052	1051 1050.6	1020 1020.0	928 928.2
	125	76/63	1295	1258	1144	1190	1156	1052	1050.6	1020.0	928.2
	Fan Spee	d		Hi			Med			Low	
Fx	ternal Static Pres		0	0.1	0.2	0	Med 0.1	0.2	0	0.1	0.2
Model		Air On					Power Input (kW				
	Condenser	Evaporator									
	(F)	(F) 80/67	2.16	2.13	2.12	2.10	2.07	2.06	2.04	2.01	2.00
	95 95	80/67 80.6/62.6	2.16	2.13	2.12	2.10	2.07	2.06	2.04	1.98	1.96
	95	80.6/66.2	2.12	2.09	2.07	2.06	2.03	2.00	1.98	1.96	1.96
	95	76/63	2.03	2.01	1.99	1.98	1.95	1.94	1.92	1.90	1.88
	105	80.6/62.6	2.26	2.24	2.22	2.20	2.17	2.16	2.14	2.11	2.10
	105	80/67	2.24	2.22	2.20	2.18	2.15	2.14	2.12	2.09	2.08
	105	76/63	2.20	2.17	2.15	2.14	2.11	2.09	2.08	2.05	2.03
24	115	80.6/62.6	2.41	2.33	2.37	2.35	2.32	2.30	2.28	2.25	2.23
	115	80/67	2.46	2.38	2.41	2.39	2.36	2.34	2.32	2.30	2.28
	115	84.2/66.2	2.39	2.31	2.34	2.32	2.29	2.28	2.26	2.23	2.21
	115	76/63	2.35	2.32	2.30	2.28	2.26	2.24	2.22	2.19	2.17
	125	80.6/62.6	2.75	2.71	2.69	2.67	2.64	2.62	2.59	2.56	2.54
	125	80/67	2.72	2.69	2.66	2.64	2.61	2.59	2.57	2.54	2.52
	125	76/63	2.65	2.62	2.60	2.58	2.55	2.53	2.51	2.48	2.46
E.	Fan Spee ternal Static Pres		0	Hi 0.1	0.2	0	Med 0.1	0.2	0	Low 0.1	0.2
Model	Air On	Air On	U	0.1	U.Z	U	EER	0.2	U	0.1	0.2
·IOUCI	Condenser	Evaporator					LLIX				
	(F)	(F)									
	95	80/67	10.67	10.49	10.04	10.10	9.92	9.50	9.56	9.39	9.00
	95	80.6/62.6	9.99	9.81	9.40	9.46	9.29	8.90	8.95	8.79	8.42
	95	80.6/66.2	10.62	10.43	9.99	10.05	9.88	9.46	9.51	9.35	8.95
	95	76/63	9.64	9.47	9.07	9.13	8.97	8.59	8.64	8.49	8.13
	105	80.6/62.6	8.56	8.41	8.05	8.10	7.96	7.62	7.67	7.53	7.22
	105	80/67	9.10	8.94	8.56	8.61	8.46	8.10	8.15	8.01	7.67
	105	76/63	7.71	7.57	7.25	7.29	7.17	6.86	6.90	6.78	6.50
		80.6/62.6	7.31	7.66	6.87	6.91	6.79	6.51	6.54	6.43	6.16
24	115		7.80	8.18	7.34	7.39	7.26	6.95	6.99	6.87	6.58
24	115 115	80/67						6.92	6.96		
24		80/67	7.77	8.14	7.31	7.35	7.22	0.52	0.50	6.84	6.55
24	115			8.14 6.44	7.31 6.17	7.35 6.21	6.10	5.84	5.88	5.77	5.53
24	115 115	84.2/66.2	7.77								
24	115 115 115	84.2/66.2 76/63	7.77 6.56	6.44	6.17	6.21	6.10	5.84	5.88	5.77	5.53

	Fan C 1		DU		ITS(COOL) - QU	JICK SELCTIO	N CHART - R410/ Med	A -50HZ		Low	
Exte	Fan Speed rnal Static Press	ure in.wg	0	Hi 0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On					otal Capacity BTU				
	Condenser (F)	Evaporator (F)									
	95	80/67	27291	26496	25171	25108	24376	23158	23099	22426	21305
	95 95	80.6/62.6 80.6/66.2	25050	24320	23104	23046	22374	21256	21202	20584	19555
	95	76/63	26368 23218	25600 22542	24320 21415	24259 21361	23552 20739	22374 19702	22318 19652	21668 19080	20584 18126
	105	80.6/62.6	22970	22301	21186	21133	20517	19491	19442	18876	17932
30	105 105	80/67 76/63	24179 20069	23475 19484	22301 18510	22245 18463	21597 17926	20517 17029	20465 16986	19869	18876 15667
30	115	80.6/62.6	20069	21280	19269	19220	18660	17029	17682	16492 17167	16309
	115	80/67	22761	23184	20993	20940	20330	19313	19265	18703	17768
	115 115	84.2/66.2 76/63	21991 18252	22400 17721	20283 16835	20232 16792	19642 16303	18660 15488	18613 15449	18071 14999	17167 14249
	125	80.6/62.6	16964	16470	15646	15607	15152	14395	14358	13940	13243
	125	80/67	17857	17337	16470	16428	15950	15152	15114	14674	13940
	125	76/63	16482	16002	15202	15163	14721	13985	13950	13544	12867
	Fan Speed			Hi			Med			Low	
	rnal Static Press	ure in.wg	0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
∕lodel	Air On	Air On				Ser	nsible Capacity B	ΓUH			
	Condenser (F)	Evaporator (F)									
	95	80/67	24262	23555	22377	22321	21671	20587	20535	19937	18940
	95	80.6/62.6	24298	23590	22411	22354	21703	20618	20566	19967	18969
	95 95	80.6/66.2 76/63	23441 20641	22758 20040	21620 19038	21566 18990	20938 18437	19891 17515	19840.6 17470.7	19262.7 16961.9	18299. 16113.
	105	80.6/62.6	22281	21632	20551	20499	19902	18907	18859	18310	17394
20	105	80/67	21496	20869	19826	19776	19200	18240	18193.8	17663.9	16780.
30	105	76/63	17841	17322 20642	16456	16414 18643	15936 18100	15139 17195	15100.9	14661.0	13928.
	115 115	80.6/62.6 80/67	20265 20234	19645	18691 18663	18643	18100	17170	17152 17126	16652 16627	15820 15796
	115	84.2/66.2	19550	18981	18031	17986	17462	16589	16547.1	16065.1	15261.
	115	76/63	16226	15754	14966	14928	14494	13769	13734.1	13334.0	12667.
	125 125	80.6/62.6 80/67	16455 15875	15976 15412	15177 14642	15138 14605	14698 14179	13963 13470	13927 13436.2	13522 13044.9	12846 12392.
	125	76/63	14652	14225	13514	13480	13087	12433	12401.6	12040.4	11438.
Evto	Fan Speed rnal Static Press		0	Hi 0.1	0.2	0	Med 0.1	0.2	0	0.1	0.2
1odel	Air On	Air On	0	0.1	0.2	0	Air Flow (CMH)		0	0.1	0.2
	Condenser	Evaporator									
	(F)	(F)	1.100	4447	4046	4265	4226	1007	1222	44.55	4050
	95 95	80/67 80.6/62.6	1489 1489	1447 1447	1316 1316	1365 1365	1326 1326	1207 1207	1200 1200	1165 1165	1059 1059
	95	80.6/66.2	1489	1447	1316	1365	1326	1207	1200.2	1164.5	1059.1
	95	76/63	1489	1447	1316	1365	1326	1207	1200.2	1164.5	1059.1
	105	80.6/62.6	1489	1447	1316	1365	1326	1207	1200	1165	1059
30	105 105	80/67 76/63	1489 1489	1447 1447	1316 1316	1365 1365	1326 1326	1207 1207	1200.2 1200.2	1164.5 1164.5	1059.1 1059.1
00	115	80.6/62.6	1489	1447	1316	1365	1326	1207	1200	1165	1059
	115	80/67	1489	1447	1316	1365	1326	1207	1200	1165	1059
	115 115	84.2/66.2 76/63	1489 1489	1447 1447	1316 1316	1365 1365	1326 1326	1207 1207	1200.2 1200.2	1164.5 1164.5	1059. 1059.
	125	80.6/62.6	1489	1447	1316	1365	1326	1207	1200.2	1165	1059.
	125	80/67	1489	1447	1316	1365	1326	1207	1200.2	1164.5	1059.1
	125	76/63	1489	1447	1316	1365	1326	1207	1200.2	1164.5	1059.
	Fan Speed			Hi			Med			Low	
	rnal Static Press		0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
lodel	Air On	Air On					Power Input (kW	")			
	Condenser (F)	Evaporator (F)									
	95	80/67	2.67	2.64	2.62	2.59	2.56	2.54	2.52	2.49	2.47
	95	80.6/62.6	2.62	2.59	2.56	2.54	2.51	2.49	2.47	2.44	2.42
	95 95	80.6/66.2 76/63	2.59 2.51	2.56 2.48	2.54 2.46	2.52 2.44	2.49	2.47 2.39	2.45	2.42	2.40 2.33
	105	80.6/62.6	2.82	2.79	2.77	2.74	2.71	2.69	2.67	2.64	2.33
	105	80/67	2.79	2.76	2.74	2.72	2.68	2.66	2.64	2.61	2.59
30	105	76/63	2.74	2.71	2.68	2.66	2.63	2.61	2.59	2.56	2.54
	115 115	80.6/62.6 80/67	2.81 2.87	2.78 2.83	2.80 2.86	2.94 3.00	2.91 2.97	2.89 2.94	2.86 2.92	2.83 2.88	2.80 2.86
	115	84.2/66.2	2.78	2.75	2.77	2.91	2.88	2.86	2.83	2.80	2.78
	115	76/63	2.95	2.91	2.89	2.86	2.83	2.81	2.78	2.75	2.73
	125	80.6/62.6	3.45	3.41	3.38	3.35	3.31	3.28	3.26	3.22	3.19
	125 125	80/67 76/63	3.41	3.37 3.29	3.34 3.26	3.32 3.24	3.28 3.20	3.25 3.17	3.22 3.15	3.19 3.11	3.16 3.08
			3.33			. J. <u>.</u> 1			. 55		5.00
F. ·	Fan Speed	uro in	0	Hi 0.1	0.3	0	Med	0.3	0	Low	0.2
<u>Exte</u> Iodel	rnal Static Press Air On	Air On	U	0.1	0.2	U	0.1 EER	0.2	U	0.1	0.2
	Condenser	Evaporator									
	(F)	(F)	10.05	40.0=	0.55	0.65	0.51	0.44	0.46	0.00	
	95 95	80/67 80.6/62.6	10.23 9.57	10.05 9.41	9.62 9.01	9.68 9.06	9.51 8.90	9.11 8.53	9.16 8.58	9.00 8.43	8.62 8.07
	95	80.6/66.2	10.18	10.00	9.01	9.06	9.47	9.06	9.12	8.43	8.07
	95	76/63	9.24	9.08	8.69	8.75	8.59	8.23	8.28	8.13	7.79
	105	80.6/62.6	8.14	8.00	7.66	7.70	7.57	7.25	7.29	7.16	6.86
30	105	80/67	8.65	8.50	8.14	8.19	8.05	7.71	7.75	7.62	7.29
50	105 115	76/63 80.6/62.6	7.33 7.43	7.20 7.66	6.89 6.88	6.94 6.53	6.81	6.53 6.14	6.56 6.18	6.45 6.07	6.18 5.81
	115	80/67	7.43	8.18	7.35	6.98	6.85	6.56	6.60	6.49	6.21
	115	84.2/66.2	7.90	8.15	7.32	6.94	6.82	6.53	6.57	6.46	6.18
	115	76/63	6.19	6.08	5.83	5.86	5.76	5.51	5.55	5.45	5.22
	125 125	80.6/62.6 80/67	4.92 5.23	4.84 5.14	4.63 4.92	4.66 4.95	4.58 4.87	4.38 4.66	4.41 4.69	4.33 4.61	4.15 4.41

Externa Model					DUCTE	COLITI		y models-				50117					
	Fan Spee	d			Hi	J SPLIT UI	NITS(COO	L) - QUIC	K SELCTIC	N CHART Med	- K410A	- 50HZ			Low		
Model	al Static Pres	sure in.wg	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
	Air On Condenser	Air On Evaporator							lotal	Capacity E	BIUH						
	(F)	(F)															
	95	80/67	38682	37556	36111	32861	30232	35588	34551	33222	30232	27814	32456	31511	30299	27572	25366
	95 95	80.6/62.6 80.6/66.2	35505 37374	34471 36286	33146 34890	30162 31750	27749 29210	32665 34384	31714 33383	30494 32099	27749 29210	25529 26873	29791 31358	28923 30445	27810 29274	25307 26639	23283 24508
	95	76/63	32910	31951	30723	27958	25721	30277	29395	28265	25721	23663	27613	26809	25777	23457	21581
	105	80.6/62.6	32559	31610	30394	27659	25446	29954	29081	27963	25446	23411	27318	26522	25502	23207	21350
36	105 105	80/67 76/63	34272 28446	33274 27617	31994 26555	29115 24165	26785 22232	31530 26170	30612 25408	29435 24431	26785 22232	24643 20453	28756 23867	27918 23172	26844 22281	24428 20276	22474
50	115	80.6/62.6	30648	29755	29301	26036	23953	28196	27375	26322	23953	20453	25715	24966	24006	21845	18653 20098
Ī	115	80/67	32261	31321	30843	27406	25214	29680	28816	27707	25214	23197	27068	26280	25269	22995	21155
	115	84.2/66.2	31170	30262	29800	26479	24361	28676	27841	26770	24361	22412	26153	25391	24415	22217	20440
	115 125	76/63 80.6/62.6	25871 24045	25118 23344	24152 22446	21978 20426	20220 18792	23801 22121	23108 21477	22219 20651	20220 18792	18602 17289	21707 20174	21075 19587	20264 18833	18440 17138	16965 15767
	125	80/67	25310	24573	23628	21501	19781	23285	22607	21738	19781	18199	21236	20618	19825	18040	16597
	125	76/63	23361	22681	21808	19846	18258	21492	20866	20064	18258	16797	19601	19030	18298	16651	15319
Evtorn	Fan Spee al Static Pres		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Model	Air On	Air On	- 0	0.1	0.2	0.4	0.5	0		e Capacity		0.5	0	0.1	0.2	0.4	0.5
	Condenser	Evaporator								' '							
	(F)	(F)	24200	22207	22102	20214	26076	21627	20716	20525	26076	24726	20052	20012	26026	24511	22550
	95 95	80/67 80.6/62.6	34389 34440	33387 33437	32103 32151	29214 29258	26876 26917	31637 31685	30716 30762	29535 29579	26876 26917	24726 24764	28853 28897	28013 28055	26936 26976	24511 24548	22550 22584
	95	80.6/66.2	33226	32258	31017	28226	25968	30568	29677	28536	25968	23890	27878	27066	26025	23682	21788
	95	76/63	29257	28405	27312	24854	22866	26916	26132	25127	22866	21037	24548	23833	22916	20854	19185
	105 105	80.6/62.6 80/67	31582 30468	30662 29580	29483 28443	26829 25883	24683 23812	29055 28030	28209 27214	27124 26167	24683 23812	22708 21907	26498 25564	25727 24819	24737 23865	22511 21717	20710 19979
36	105	76/63	25288	24552	23608	21483	19764	23265	22588	21719	19764	18183	21218	20600	19808	18025	16583
50	115	80.6/62.6	29729	28863	28422	25255	23234	27350	26554	25532	23234	21376	24943	24217	23285	21190	19495
	115 115	80/67 84.2/66.2	28680 27710	27845 26903	27485 26556	24364 23540	22415 21657	26386 25493	25617 24751	24632 23799	22415 21657	20622 19924	24064 23250	23363 22573	22464 21705	20442 19751	18807 18171
	115	76/63	22999	22330	21471	19538	17975	21159	20543	19753	17975	16537	19297	18735	18015	16393	15082
	125	80.6/62.6	23323	22644	21773	19813	18228	21457	20832	20031	18228	16770	19569	18999	18268	16624	15294
	125 125	80/67 76/63	22501 20768	21845 20163	21005 19388	19115 17643	17585 16231	20701 19107	20098 18550	19325 17837	17585 16231	16179 14933	18879 17425	18329 16918	17624 16267	16038 14803	14755 13619
			20700	20103		17043	10231	19107	10330		10231	14933	17423	10910		14003	13019
Externa	Fan Spee al Static Pres		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Model	Air On	Air On		0.1	0.2	0.1	0.5			Flow (CN		0.5		0.1	0.2	0.1	0.5
		Evaporator															
	(F) 95	(F) 80/67	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	95	80.6/62.6	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	95	80.6/66.2	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	95	76/63	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	105 105	80.6/62.6 80/67	2185 2185	2122 2122	2040 2040	1836 1836	1690 1690	2003 2003	1945 1945	1870 1870	1683 1683	1549 1549	1766 1766	1715 1715	1649 1649	1484 1484	1365 1365
36	105	76/63	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
30	115	80.6/62.6	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	115 115	80/67 84.2/66.2	2185 2185	2122 2122	2040 2040	1836 1836	1690 1690	2003	1945 1945	1870 1870	1683 1683	1549 1549	1766 1766	1715 1715	1649 1649	1484 1484	1365 1365
	115	76/63	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	125	80.6/62.6	2185	2122	2040	1836	1690	2003	1945	1870	1683	1549	1766	1715	1649	1484	1365
	125 125	80/67 76/63	2185 2185	2122 2122	2040 2040	1836 1836	1690 1690	2003 2003	1945 1945	1870 1870	1683 1683	1549 1549	1766 1766	1715 1715	1649 1649	1484 1484	1365 1365
			2103	2122		1030	1690	2003	1943		1003	1349	1700	1713		1404	1303
Externa	Fan Spee al Static Pres		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Model	Air On	Air On								ver Input (I							
		Evaporator (F)															
	(F) 95	80/67	3.39	3.35	3.31	3.28	3.25	3.29	3.25	3.21	3.19	3.16	3.20	3.16	3.12	3.10	3.07
	95	80.6/62.6	3.32	3.28	3.24	3.22	3.19	3.23	3.19	3.15	3.13	3.10	3.14	3.10	3.06	3.04	3.01
	95	80.6/66.2	3.29	3.25	3.21	3.18	3.16	3.20	3.16	3.12	3.10	3.07	3.11	3.07	3.03	3.01	2.98
	95 105	76/63 80.6/62.6	3.19 3.57	3.15 3.53	3.11	3.09 3.46	3.06 3.43	3.10 3.47	3.06 3.43	3.03	3.00	2.98 3.33	3.01	2.98 3.33	2.94 3.29	2.92 3.27	2.89 3.24
	105	80/67	3.53	3.49	3.45	3.42	3.40	3.44	3.39	3.35	3.33	3.30	3.34	3.30	3.26	3.23	3.21
36	105	76/63	3.46	3.42	3.38	3.35	3.33	3.37	3.33	3.29	3.26	3.23	3.27	3.23	3.20	3.17	3.14
50	115 115	80.6/62.6 80/67	3.93 3.89	3.89 3.85	3.82 3.78	3.81 3.77	3.78 3.74	3.82 3.79	3.78 3.74	3.73 3.70	3.70 3.67	3.67 3.64	3.72 3.68	3.67 3.64	3.63 3.59	3.60 3.56	3.57 3.54
	115	84.2/66.2	3.78	3.74	3.67	3.66	3.63	3.67	3.63	3.59	3.56	3.53	3.57	3.53	3.49	3.46	3.43
	115	76/63	3.72	3.67	3.63	3.60	3.57	3.61	3.57	3.53	3.50	3.47	3.51	3.47	3.43	3.40	3.37
	125	80.6/62.6 80/67	4.35	4.29	4.24	4.21	4.18	4.22	4.17	4.12	4.09	4.06	4.11	4.06	4.01	3.98	3.94
	125 125	76/63	4.30 4.20	4.25 4.15	4.20 4.10	4.17 4.07	4.13 4.03	4.18 4.08	4.13 4.03	4.08 3.99	4.05 3.95	4.02 3.92	4.06 3.97	4.02 3.92	3.97 3.87	3.94 3.84	3.91 3.81
					ш												
	Fan Spee al Static Pres		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Externa	Air On	Air On								EER							
Externa Model	Condoncor	Evaporator															
		(F) 80/67	11.42	11.22	10.92	10.02	9.29	10.81	10.62	10.34	9.48	8.79	10.15	9.97	9.70	8.90	8.25
	(F)		10.69	10.51	10.22	9.38	8.70	10.12	9.94	9.68	8.88	8.23	9.50	9.33	9.08	8.33	7.72
	(F) 95 95	80.6/62.6		11 17	10.87	9.97	9.25	10.76	10.57	10.29	9.44	8.75	10.10	9.92	9.65	8.85	8.21
	(F) 95 95 95	80.6/62.6 80.6/66.2	11.37	11.17	0.0=		8.39	9.77	9.60	9.34	8.57	7.95 7.02	9.17	9.00	8.76	8.04	7.45
	95 95 95 95 95	80.6/62.6 80.6/66.2 76/63	11.37 10.32	10.14	9.87 8.72	9.05		8 63	8 48	8 25			8 10	7 96	7 74		6.50
	(F) 95 95 95	80.6/62.6 80.6/66.2	11.37		9.87 8.72 9.27	8.00 8.51	7.42 7.89	8.63 9.18	8.48 9.02	8.25 8.78	7.57 8.05	7.02	8.10 8.61	7.96 8.46	7.74 8.23	7.10 7.55	6.59 7.01
Model	95 95 95 95 95 105 105	80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63	11.37 10.32 9.12 9.70 8.21	10.14 8.96 9.53 8.07	8.72 9.27 7.85	8.00 8.51 7.20	7.42 7.89 6.68	9.18 7.77	9.02 7.64	8.78 7.43	8.05 6.82	7.47 6.32	8.61 7.29	8.46 7.17	8.23 6.97	7.10 7.55 6.40	7.01 5.93
	(F) 95 95 95 95 105 105 105 115	80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6	11.37 10.32 9.12 9.70 8.21 7.79	10.14 8.96 9.53 8.07 7.66	8.72 9.27 7.85 7.67	8.00 8.51 7.20 6.83	7.42 7.89 6.68 6.34	9.18 7.77 7.38	9.02 7.64 7.25	8.78 7.43 7.05	8.05 6.82 6.47	7.47 6.32 6.00	8.61 7.29 6.92	8.46 7.17 6.80	8.23 6.97 6.62	7.10 7.55 6.40 6.07	7.01 5.93 5.63
Model	(F) 95 95 95 95 105 105 115 115	80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67	11.37 10.32 9.12 9.70 8.21 7.79 8.28	10.14 8.96 9.53 8.07 7.66 8.14	8.72 9.27 7.85 7.67 8.16	8.00 8.51 7.20 6.83 7.27	7.42 7.89 6.68 6.34 6.74	9.18 7.77 7.38 7.84	9.02 7.64 7.25 7.70	8.78 7.43 7.05 7.50	8.05 6.82 6.47 6.88	7.47 6.32 6.00 6.38	8.61 7.29 6.92 7.36	8.46 7.17 6.80 7.23	8.23 6.97 6.62 7.03	7.10 7.55 6.40 6.07 6.45	7.01 5.93 5.63 5.98
Model	(F) 95 95 95 105 105 105 115 115	80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63	11.37 10.32 9.12 9.70 8.21 7.79 8.28 8.24 6.96	10.14 8.96 9.53 8.07 7.66 8.14 8.10 6.84	8.72 9.27 7.85 7.67 8.16 8.12 6.66	8.00 8.51 7.20 6.83 7.27 7.23 6.11	7.42 7.89 6.68 6.34 6.74 6.71 5.66	9.18 7.77 7.38 7.84 7.80 6.59	9.02 7.64 7.25 7.70 7.67 6.47	8.78 7.43 7.05 7.50 7.46 6.30	8.05 6.82 6.47 6.88 6.84 5.78	7.47 6.32 6.00 6.38 6.35 5.36	8.61 7.29 6.92 7.36 7.32 6.18	8.46 7.17 6.80 7.23 7.19 6.07	8.23 6.97 6.62 7.03 7.00 5.91	7.10 7.55 6.40 6.07 6.45 6.42 5.42	7.01 5.93 5.63 5.98 5.96 5.03
Model	(F) 95 95 95 95 105 105 105 115 115	80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2	11.37 10.32 9.12 9.70 8.21 7.79 8.28 8.24	10.14 8.96 9.53 8.07 7.66 8.14 8.10	8.72 9.27 7.85 7.67 8.16 8.12	8.00 8.51 7.20 6.83 7.27 7.23	7.42 7.89 6.68 6.34 6.74 6.71	9.18 7.77 7.38 7.84 7.80	9.02 7.64 7.25 7.70 7.67	8.78 7.43 7.05 7.50 7.46	8.05 6.82 6.47 6.88 6.84	7.47 6.32 6.00 6.38 6.35	8.61 7.29 6.92 7.36 7.32	8.46 7.17 6.80 7.23 7.19	8.23 6.97 6.62 7.03 7.00	7.10 7.55 6.40 6.07 6.45 6.42	7.01 5.93 5.63 5.98 5.96

					DUCTED			models- () - QUICK	Cooling ca SELCTION		- R410A -	50HZ					
F	Fan Spee		0	0.1	Hi	0.4	0.5	0	0.1	Med	0.4	0.5	0	0.1	Low	0.4	0.5
Model	Air On	Air On Evaporator	0	0.1	0.2	0.4	0.5	0	0.1 Total	0.2 Capacity I	0.4 BTUH	0.5	0	0.1	0.2	0.4	0.5
	(F)	(F)															
	95	80/67	44237	42948	41297	37580	34573	40698	39512	37993	34573	31808	37116	36035	34649	31531	29008
	95	80.6/62.6	40604	39421	37905	34494	31734	37356	36268	34873	31734	29195	34068	33076	31804	28941	26626
	95 95	80.6/66.2 76/63	42741 37636	41496 36540	39900 35134	36309 31972	33404 29414	39322 34625	38176 33616	36708 32323	33404 29414	30732 27061	35861 31578	34817 30658	33478 29479	30465 26826	28028 24680
	105	80.6/62.6	37234	36149	34759	31631	29100	34255	33257	31978	29100	26772	31241	30331	29164	26539	24416
	105	80/67	39193	38052	36588	33295	30632	36058	35008	33661	30632	28181	32885	31927	30699	27936	25701
42	105	76/63	32531	31583	30368	27635	25424	29928	29056	27939	25424	23390	27294	26499	25480	23187	21332
	115	80.6/62.6	35049	34028	33431	29774	27393	32245	31306	30102	27393	25201	29407	28551	27453	24982	22983
	115 115	80/67 84.2/66.2	36894 35646	35819 34608	35190 34000	31342 30282	28834 27859	33942 32794	32953 31839	31686 30614	28834 27859	26528 25630	30955 29908	30054 29037	28898 27920	26297 25408	24193 23375
	115	76/63	29586	28724	27620	25134	23123	27219	26426	25410	23123	21273	24824	24101	23174	21088	19401
	125	80.6/62.6	27497	26696	25670	23359	21491	25297	24561	23616	21491	19771	23071	22399	21538	19599	18031
	125	80/67	28944	28101	27021	24589	22622	26629	25853	24859	22622	20812	24286	23578	22671	20631	18980
	125	76/63	26716	25938	24940	22695	20880	24578	23863	22945	20880	19209	22416	21763	20926	19042	17519
Extern	Fan Spee al Static Pre	ssure in.wg	0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Model	Air On	Air On							Sensibl	e Capacity	/ BTUH						
		Evaporator															
	(F) 95	(F) 80/67	39327	38181	36713	33408	30736	36180	35127	33776	30736	28277	32997	32035	30803	28031	25789
	95	80.6/62.6	39386	38239	36768	33459	30782	36235	35179	33826	30782	28319	33046	32084	30850	28073	25827
	95	80.6/66.2	37997	36890	35471	32279	29696	34957	33939	32633	29696	27321	31881	30952	29762	27083	24916
	95	76/63	33458	32484	31234	28423	26149	30781	29885	28736	26149	24057	28073	27255	26207	23848	21940
	105	80.6/62.6	36117	35065	33716	30682	28227	33227	32260	31019	28227	25969	30303	29421	28289	25743	23684
	105	80/67	34843	33828	32527	29600	27232	32055	31122	29925	27232	25053	29235	28383	27291	24835	22848
42	105 115	76/63 80.6/62.6	28920 33997	28077 33007	26997 32428	24568 28881	22602 26571	26606 31278	25831 30367	24838 29199	22602 26571	20794 24445	24265 28525	23558 27694	22652 26629	20613 24233	18964 22294
	115	80/67	32798	31843	31432	27863	25634	30174	29296	28169	25634	23583	27519	26718	25690	23378	21508
	115	84.2/66.2	31689	30766	30369	26920	24767	29154	28305	27216	24767	22785	26589	25814	24821	22587	20780
	115	76/63	26302	25536	24554	22344	20556	24198	23493	22590	20556	18912	22068	21426	20602	18747	17248
	125	80.6/62.6	26672	25895	24899	22659	20846	24539	23824	22908	20846	19178	22379	21727	20892	19011	17490
	125 125	80/67 76/63	25732 23750	24982 23059	24021 22172	21859 20176	20111 18562	23673 21850	22984 21214	22100 20398	20111 18562	18502 17077	21590 19927	20961 19347	20155 18603	18341 16929	16874 15574
	Fan Spee	. d			Hi					Med					Low		
Extern	al Static Pre		0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
Model	Air On Condenser (F)	Air On Evaporator (F)							Aiı	Flow (CM	1H)						
	95	80/67	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	95	80.6/62.6	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	95	80.6/66.2	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	95	76/63	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	105 105	80.6/62.6 80/67	2552 2552	2459 2459	2351 2351	2227 2227	2119 2119	2428 2428	2351 2351	2242 2242	2150 2150	2057 2057	2351 2351	2274 2274	2166 2166	2073 2073	1980 1980
	105	76/63	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
42	115	80.6/62.6	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	115	80/67	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	115	84.2/66.2	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	115	76/63	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	125 125	80.6/62.6	2552 2552	2459 2459	2351 2351	2227 2227	2119 2119	2428 2428	2351 2351	2242 2242	2150 2150	2057 2057	2351 2351	2274 2274	2166 2166	2073 2073	1980 1980
	125	80/67 76/63	2552	2459	2351	2227	2119	2428	2351	2242	2150	2057	2351	2274	2166	2073	1980
	Fan Spee	Ч															
Extern	al Static Pres				Hi					Med					Low		
Model			0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
	Air On	ssure in.wg Air On	0	0.1		0.4	0.5	0				0.5	0	0.1		0.4	0.5
	Condenser	Sure in.wg Air On Evaporator	0	0.1		0.4	0.5	0		0.2		0.5	0	0.1		0.4	0.5
	Condenser (F)	Air On Evaporator (F)			0.2				Pov	0.2 ver Input (KW)				0.2		
	Condenser (F) 95	Air On Evaporator (F) 80/67	3.96	3.91	3.86	3.83	3.80	3.84	Pov 3.80	0.2 ver Input (KW)	3.69	3.74	3.69	3.65	3.62	3.59
	Condenser (F) 95 95 95	Sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2			0.2				Pov	0.2 ver Input (KW)				0.2		
	Condenser (F) 95 95 95 95	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2 76/63	3.96 3.88 3.84 3.73	3.91 3.83 3.80 3.68	3.86 3.79 3.75 3.64	3.83 3.76 3.72 3.61	3.80 3.73 3.69 3.58	3.84 3.77 3.73 3.62	3.80 3.73 3.69 3.58	0.2 ver Input (I 3.75 3.68 3.65 3.54	3.72 3.65 3.62 3.51	3.69 3.62 3.59 3.48	3.74 3.66 3.63 3.52	3.69 3.62 3.59 3.48	3.65 3.58 3.54 3.44	3.62 3.55 3.51 3.41	3.59 3.52 3.49 3.38
	Condenser (F) 95 95 95 95 95	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2 76/63 80.6/62.6	3.96 3.88 3.84 3.73 4.17	3.91 3.83 3.80 3.68 4.12	3.86 3.79 3.75 3.64 4.07	3.83 3.76 3.72 3.61 4.04	3.80 3.73 3.69 3.58 4.01	3.84 3.77 3.73 3.62 4.05	3.80 3.73 3.69 3.58 4.01	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96	3.72 3.65 3.62 3.51 3.93	3.69 3.62 3.59 3.48 3.89	3.74 3.66 3.63 3.52 3.94	3.69 3.62 3.59 3.48 3.89	3.65 3.58 3.54 3.44 3.85	3.62 3.55 3.51 3.41 3.82	3.59 3.52 3.49 3.38 3.79
	Condenser (F) 95 95 95 95 95 105	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67	3.96 3.88 3.84 3.73 4.17 4.13	3.91 3.83 3.80 3.68 4.12 4.08	3.86 3.79 3.75 3.64 4.07 4.03	3.83 3.76 3.72 3.61 4.04 4.00	3.80 3.73 3.69 3.58 4.01 3.97	3.84 3.77 3.73 3.62 4.05 4.01	3.80 3.73 3.69 3.58 4.01 3.97	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92	3.72 3.65 3.62 3.51 3.93 3.89	3.69 3.62 3.59 3.48 3.89 3.86	3.74 3.66 3.63 3.52 3.94 3.90	3.69 3.62 3.59 3.48 3.89 3.85	3.65 3.58 3.54 3.44 3.85 3.81	3.62 3.55 3.51 3.41 3.82 3.78	3.59 3.52 3.49 3.38 3.79 3.75
42	Condenser (F) 95 95 95 95 105 105	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63	3.96 3.88 3.84 3.73 4.17 4.13 4.05	3.91 3.83 3.80 3.68 4.12 4.08 4.00	3.86 3.79 3.75 3.64 4.07 4.03 3.95	3.83 3.76 3.72 3.61 4.04 4.00 3.92	3.80 3.73 3.69 3.58 4.01 3.97 3.89	3.84 3.77 3.73 3.62 4.05 4.01 3.93	3.80 3.73 3.69 3.58 4.01 3.97 3.89	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84	3.72 3.65 3.62 3.51 3.93 3.89 3.81	3.69 3.62 3.59 3.48 3.89 3.86 3.78	3.74 3.66 3.63 3.52 3.94 3.90 3.82	3.69 3.62 3.59 3.48 3.89 3.85 3.78	3.65 3.58 3.54 3.44 3.85 3.81 3.73	3.62 3.55 3.51 3.41 3.82 3.78 3.70	3.59 3.52 3.49 3.38 3.79 3.75 3.67
42	Condenser (F) 95 95 95 95 105 105 105	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17
42	Condenser (F) 95 95 95 95 105 105	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/66.2 76/63 80.6/62.6 80/67 76/63	3.96 3.88 3.84 3.73 4.17 4.13 4.05	3.91 3.83 3.80 3.68 4.12 4.08 4.00	3.86 3.79 3.75 3.64 4.07 4.03 3.95	3.83 3.76 3.72 3.61 4.04 4.00 3.92	3.80 3.73 3.69 3.58 4.01 3.97 3.89	3.84 3.77 3.73 3.62 4.05 4.01 3.93	3.80 3.73 3.69 3.58 4.01 3.97 3.89	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84	3.72 3.65 3.62 3.51 3.93 3.89 3.81	3.69 3.62 3.59 3.48 3.89 3.86 3.78	3.74 3.66 3.63 3.52 3.94 3.90 3.82	3.69 3.62 3.59 3.48 3.89 3.85 3.78	3.65 3.58 3.54 3.44 3.85 3.81 3.73	3.62 3.55 3.51 3.41 3.82 3.78 3.70	3.59 3.52 3.49 3.38 3.79 3.75 3.67
42	Condenser (F) 95 95 95 95 105 105 105 115	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13
42	Condenser (F) 95 95 95 95 105 105 115 115 115 115	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.2 76/63 80.6/62.6 80/67 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08	3.91 3.83 3.68 4.12 4.08 4.00 4.54 4.36 4.36 4.29 5.02	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.22 4.93	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61
42	Condenser (F) 95 95 95 95 105 105 115 115 115 115 125	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 80/67	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54 4.50 4.36 4.29 5.02 4.97	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.29 4.89	3.80 3.73 3.69 3.58 4.01 3.97 4.41 4.37 4.24 4.17 4.88 4.83	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77	3.72 3.65 3.62 3.51 3.93 3.81 4.33 4.28 4.16 4.09 4.78 4.73	3.69 3.62 3.59 3.48 3.89 3.86 4.29 4.25 4.12 4.05 4.74	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.07 4.01 4.68 4.64	3.62 3.55 3.51 3.41 3.82 3.78 4.20 4.16 4.04 3.97 4.65 4.60	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61 4.56
42	Condenser (F) 95 95 95 95 105 105 115 115 115 115	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.2 76/63 80.6/62.6 80/67 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08	3.91 3.83 3.68 4.12 4.08 4.00 4.54 4.36 4.36 4.29 5.02	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.22 4.93	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61
	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125	ssure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6	3.96 3.88 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03	3.91 3.83 3.68 4.12 4.08 4.00 4.54 4.50 4.36 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.91 4.79	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.29 4.29 4.29	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.07 4.01 4.68 4.64 4.53	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 115 115 115 125 125 125 125 125 125	ssure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54 4.50 4.36 4.29 5.02 4.97	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.29 4.89	3.80 3.73 3.69 3.58 4.01 3.97 4.41 4.37 4.24 4.17 4.88 4.83	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.82 4.77 4.66	3.72 3.65 3.62 3.51 3.93 3.81 4.33 4.28 4.16 4.09 4.78 4.73	3.69 3.62 3.59 3.48 3.89 3.86 4.29 4.25 4.12 4.05 4.74	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74	3.65 3.58 3.54 3.44 3.85 3.81 4.24 4.20 4.07 4.01 4.68 4.64 4.53	3.62 3.55 3.51 3.41 3.82 3.78 4.20 4.16 4.04 3.97 4.65 4.60	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61 4.56
Extern	Condenser (F) 95 95 95 95 105 105 115 115 115 125 125 125 125 125 125	ssure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 60/63 80.6/62.6 80/67 84.7 84.7 84.7 85 85 85 85 85 85 85 85 85 85 85 85 85	3.96 3.88 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91	3.91 3.83 3.86 4.12 4.08 4.04 4.50 4.36 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.03 3.95 4.36 4.32 4.19 4.24 4.91 4.79	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87 4.75	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.29 4.29 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	0.2 ver Input (1 3.75 3.68 3.65 3.54 3.96 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER	3.72 3.65 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.07 4.01 4.64 4.53	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 4.01 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125 Fan Speed al Static Preservation Condenser (F) 95	Sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80/63 80.6/62.6 80/67 80/63 80.6/62.6 80/67	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54 4.50 4.36 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91 4.79 Hi 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.05 4.07 4.47 4.42 4.22 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	0.2 ver Input (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3.72 3.65 3.62 3.51 3.93 3.89 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.64 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 4.01 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 105 105 105 115 115 115 125 125 Fan Speedal Static Presidal Static Presidal Static Presides (F) 95 95 95	ssure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/63 80.6/62.6 80/67 80/63 80.6/62.6 80/67 80/67 80/67 80/67	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.50 4.54 4.50 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91 4.79	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.05 4.47 4.42 4.29 4.22 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	0.2 ver Input (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3.72 3.65 3.62 3.51 3.93 3.89 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.10 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.10 4.05 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 4.24 4.20 4.01 4.68 4.64 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 4.20 4.16 4.04 4.05 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.01 3.94 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125 Fan Speedal Static Predict Air On Condenser (F) 95 95 95 95	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.76/63 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91	3.91 3.83 3.80 3.68 4.12 4.08 4.00 4.54 4.50 4.36 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.03 3.95 4.36 4.32 4.19 4.24 4.91 4.79 Hi 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87 4.75	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.22 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER	3.72 3.65 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.07 4.01 4.64 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.75 3.67 4.17 4.13 4.01 3.94 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 105 115 115 115 115 125 125 125 Fan Speed al Static Prediction of Condenser (F) 95 95 95 95 95	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.59 4.54 4.34 5.08 5.03 4.91	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.50 4.36 4.29 5.02 4.97 4.85	3.86 3.79 3.75 3.64 4.03 3.95 4.36 4.32 4.19 4.24 4.96 10.01 10.69 10.01 10.64 9.66	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71	3.84 3.77 3.73 3.62 4.05 4.05 4.47 4.42 4.22 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER 10.12 9.47 10.07 9.14	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.73 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.10 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.01 3.94 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125 125 125 125 12	Sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.67 84.2/66.2 80/67 84.2/66.2 80/67 88.6/62.6 80/67 88.6/62.6 80/67 80.6/62.6 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (1 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.79 4.12 4.82 4.77 4.66 Med 0.2 EER	3.72 3.65 3.65 3.63 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62 0.4	3.69 3.62 3.59 3.48 3.89 3.86 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.64 4.53 Low 0.2 9.49 8.89 9.45 8.58 7.58	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 4.65 4.60 4.49 0.4	3.59 3.52 3.49 3.75 3.75 4.17 4.13 4.01 4.56 4.45 0.5
Extern Model	Condenser (F) 95 95 95 95 105 105 105 115 115 115 115 125 125 125 Fan Speed al Static Preserval Static Preservation Static Preserv	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.80/67 84.80/67 84.80/67 84.80/67 84.80/67 88.80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91 0	3.91 3.83 3.80 3.68 4.12 4.08 4.50 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.91 4.79 Hi 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.93 4.89 4.77 0	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER 10.12 9.47 10.07 9.14 8.08 8.59	3.72 3.65 3.65 3.62 3.51 3.93 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.07 4.01 4.68 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61 4.56 4.45
Extern	Condenser (F) 95 95 95 95 105 105 105 115 115 115 115 125 125 125 Fan Speed al Static Predict Air On Condenser (F) 95 95 95 105 105 105 105	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.59 4.54 4.24 4.34 5.08 5.03 4.91 0	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.03 3.95 4.36 4.36 4.19 4.24 4.91 4.79 Hi 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.05 4.47 4.42 4.22 4.93 4.89 4.77 0	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (1 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER 10.12 9.47 10.07 9.14 8.08 8.59 7.28	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62 0.4	3.69 3.62 3.59 3.48 3.89 3.86 4.29 4.25 4.74 4.69 4.58 0.5	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.37 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 4.29 4.25 4.74 4.65 4.74 4.69 4.58	3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.07 4.01 4.64 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 3.79 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.01 3.94 4.61 4.56 4.45 0.5
Extern Model	Condenser (F) 95 95 95 95 105 105 105 115 115 115 115 125 125 125 Fan Speed al Static Preserval Static Preservation Static Preserv	sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.80/67 84.80/67 84.80/67 84.80/67 84.80/67 88.80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91 0	3.91 3.83 3.80 3.68 4.12 4.08 4.50 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.91 4.79 Hi 0.2	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.93 4.89 4.77 0	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER 10.12 9.47 10.07 9.14 8.08 8.59	3.72 3.65 3.65 3.62 3.51 3.93 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.30 4.17 4.10 4.80 4.75 4.63	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.07 4.01 4.68 4.53 Low 0.2	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49	3.59 3.52 3.49 3.38 3.79 3.75 3.67 4.17 4.13 4.01 3.94 4.61 4.56 4.45 0.5
Extern Model	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125 125 Fan Spee al Static Pres Air On Condenser (F) 95 95 95 105 105 105 105 105	Sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 80.6/63 80.6/62.6 80/67 80.6/63 80.6/62.6 80/67 80.6/63 80.6/62.6 80/67 80.6/63 80.6/62.6 80/67 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.55 4.42 4.34 5.08 5.03 4.91 0	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	0.2 3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 4.91 0.2 10.69 10.01 10.64 8.54 9.08 7.69 7.67	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.28 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.01 3.93 4.47 4.42 4.29 4.22 4.93 4.89 4.77	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.1	0.2 ver Input (I 3.75 3.68 3.65 3.54 3.96 3.92 3.84 4.36 4.32 4.19 4.12 4.82 4.77 4.66 Med 0.2 EER 10.12 9.47 10.07 9.14 8.08 8.59 7.28 6.90	3.72 3.65 3.62 3.51 3.93 3.89 4.16 4.09 4.78 4.73 4.62 0.4	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58 0.5	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.10 4.80 4.75 4.63 0 9.93 9.30 9.88 8.97 7.93 8.43 7.14 6.77	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.64 4.53 Low 0.2 9.49 8.89 9.45 8.58 7.58 8.06 6.83 6.48	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 4.04 4.65 4.60 4.49 0.4	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.01 4.56 4.45 0.5
Extern Model	Condenser (F) 95 95 95 95 105 105 105 115 115 115 125 125 125 Fan Spee al Static Pres Air On Condenser (F) 95 95 95 105 105 105 115 115 115 115 115 115 11	Sure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.59 4.54 4.34 5.08 5.03 4.91 0 0	3.91 3.83 3.80 3.68 4.12 4.08 4.54 4.50 4.36 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.03 3.95 4.36 4.32 4.19 4.24 4.96 10.01 10.69 10.01 10.64 9.66 8.54 9.08 7.69 7.67 8.15	3.83 3.76 3.72 3.61 4.04 4.00 3.92 4.45 4.41 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.97 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.05 4.07 4.47 4.42 4.22 4.93 4.89 4.77 0 10.58 9.91 10.58 9.91 10.58 8.99 7.61 7.22 7.68 7.64 6.45	10.40 9.73 10.40 9.73 10.35 4.83 4.71 10.40 9.73 10.35 9.40 8.30 8.83 7.48 7.51 6.34	0.2 ver Input (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3.72 3.65 3.62 3.51 3.93 3.89 4.33 4.28 4.16 4.09 4.78 4.73 4.62 0.4	3.69 3.62 3.59 3.48 3.89 3.86 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58 0.5	3.74 3.66 3.63 3.52 3.94 3.90 4.37 4.10 4.80 4.75 4.63 0 9.93 9.38 8.97 7.93 8.43 7.14 6.77 7.20 7.17 6.05	3.69 3.62 3.59 3.48 3.89 3.85 3.78 4.29 4.25 4.12 4.05 4.74 4.69 4.58	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.64 4.53 Low 0.2 9.49 8.89 9.45 8.58 7.58 8.06 6.83 6.48 6.89 6.85 5.79	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 4.65 4.60 4.49 0.4	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.61 4.56 4.45 0.5
Extern Model	Condenser (F) 95 95 95 95 105 105 105 115 115 115 115 125 125 125 125 125 12	ssure in.wg Air On Evaporator (F) 80/67 80.6/62.6 80.6/62.6 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6 80/67 84.2/66.2 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80/67 80.6/62.6 80.6/62.6 80.6/62.6	3.96 3.88 3.84 3.73 4.17 4.13 4.05 4.59 4.59 4.54 4.2 4.34 5.08 5.03 4.91 0	3.91 3.83 3.80 3.68 4.12 4.00 4.54 4.54 4.50 4.29 5.02 4.97 4.85 0.1	3.86 3.79 3.75 3.64 4.07 4.03 3.95 4.36 4.32 4.19 4.24 4.96 10.01 10.64 9.66 8.54 9.08 7.69 7.67 8.15 8.11	3.83 3.76 3.72 3.61 4.04 4.09 4.45 4.41 4.28 4.21 4.92 4.87 4.75 0.4	3.80 3.73 3.69 3.58 4.01 3.89 4.41 4.37 4.24 4.17 4.88 4.83 4.71 0.5	3.84 3.77 3.73 3.62 4.05 4.05 4.01 3.93 4.47 4.42 4.22 4.93 4.89 4.77 0 10.58 9.91 10.53 9.56 8.45 8.99 7.61 7.22 7.68	3.80 3.73 3.69 3.58 4.01 3.97 4.24 4.17 4.88 4.83 4.71 0.1 10.40 9.73 10.35 9.40 8.30 8.83 7.48 7.09 7.51	0.2 ver Input (I	3.72 3.65 3.62 3.51 3.93 3.89 3.81 4.33 4.28 4.16 4.09 4.78 4.73 4.62 0.4	3.69 3.62 3.59 3.48 3.89 3.86 4.29 4.25 4.74 4.69 4.58 0.5	3.74 3.66 3.63 3.52 3.94 3.90 3.82 4.34 4.37 4.10 4.80 4.75 4.63 0 9.93 9.93 9.88 8.97 7.93 8.43 7.14 6.77 7.20 7.17	3.69 3.62 3.59 3.48 3.89 3.85 4.29 4.25 4.74 4.65 4.74 4.69 4.58 0.1	0.2 3.65 3.58 3.54 3.44 3.85 3.81 3.73 4.24 4.20 4.07 4.01 4.68 4.64 4.53 Low 0.2 9.49 8.89 9.45 8.58 7.58 8.06 6.83 6.48 6.83 6.48 6.83 6.85	3.62 3.55 3.51 3.41 3.82 3.78 3.70 4.20 4.16 4.04 3.97 4.65 4.60 4.49 0.4	3.59 3.52 3.49 3.38 3.79 3.75 4.17 4.13 4.61 4.56 4.45 0.5 8.08 7.56 8.04 7.30 6.45 6.86 5.81 5.51 5.83

				D			ool only n S(COOL)			CHART -	R410A - 5	60HZ					
F. dans	Fan Speed		0	0.1	Hi	0.4	0.5	0	0.1	Med	0.4	0.5	0	0.1	Low	0.4	0.5
<u>Exterr</u> Model	nal Static Press Air On	Air On	0	0.1	0.2	0.4	0.5	0	0.1 Total	0.2 Capacity I	0.4 BTUH	0.5	0	0.1	0.2	0.4	0.5
riodei	Condenser								iotai	сарасну і	71011						
	(F)	(F)	40.400	40050	40070	10011	20604	45500	44006	10506	20604	25506	44506	40246	20766	25255	20455
	95 95	80/67 80.6/62.6	49492 45427	48050 44104	48272 44308	42044 38591	38681 35504	45533 41793	44206 40576	42506 39015	38681 35504	35586 32664	41526 38115	40316 37005	38766 35582	35277 32380	32455 29789
	95	80.6/66.2	47818	46426	46640	40622	37373	43993	42712	41069	37373	34383	40122	38953	37455	34084	31357
	95	76/63	42107	40880	39308	35770	32909	38738	37610	36163	32909	30276	35329	34300	32981	30013	27612
	105	80.6/62.6	41657	40444	38888	35388	32557	38324	37208	35777	32557	29953	34952	33934	32629	29692	27317
48	105	80/67	43849	42572	40935	37251	34271	40341	39166	37660	34271	31529	36791	35720	34346	31255	28754
40	105 115	76/63 80.6/62.6	36395 39213	35335 38070	33976 38150	30918 33312	28445 30647	33483 36076	32508 35025	31258 33678	28445 30647	26169 28195	30537 32901	29647 31943	28507 30714	25942 27950	23866 25714
	115	80/67	41276	40074	40158	35065	32260	37974	36868	35450	32260	29679	34632	33624	32331	29421	27067
	115	84.2/66.2	39881	38719	38800	33879	31169	36690	35621	34251	31169	28675	33461	32487	31237	28426	26152
	115	76/63	33101	32137	30901	28120	25870	30453	29566	28429	25870	23800	27773	26964	25927	23594	21706
	125	80.6/62.6	30764	29868	28719	26134	24044	28303	27478	26422	24044	22120	25812	25060	24096	21928	20174
	125 125	80/67 76/63	32383 29889	31440 29019	30231 27903	27510 25392	25309 23360	29792 27498	28925 26697	27812 25671	25309 23360	23284 21491	27171 25078	26379 24348	25365 23412	23082 21305	21235 19600
			23003	23013		23332	23300	27430	20037		23300	21431	23070	24340		21303	13000
Extern	Fan Speed nal Static Press		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
1odel	Air On	Air On			0.2	011	0.0			e Capacity		0.5		011	0.2	011	0.0
	Condenser	Evaporator								. ,							
	(F)	(F)															
	95	80/67	43998	42717	41074	37377	34387	40479	39300	37788	34387	31636	36916	35841	34463	31361	28852
	95 95	80.6/62.6 80.6/66.2	44065 42511	42781 41272	42979 39685	37434 36113	34439 33224	40539 39110	39359 37971	37845 36510	34439 33224	31684 30566	36972 35668	35895 34629	34515 33297	31408 30301	28896 27876
	95	76/63	37433	36343	34945	31800	29256	34438	33435	32149	29256	26915	31408	30493	29320	26681	24547
	105	80.6/62.6	40407	39230	37721	34327	31580	37175	36092	34704	31580	29054	33903	32916	31650	28801	26497
	105	80/67	38982	37847	36391	33116	30467	35864	34819	33480	30467	28029	32708	31755	30534	27786	25563
40	105	76/63	32355	31413	30205	27486	25287	29767	28900	27788	25287	23264	27147	26357	25343	23062	21217
48	115	80.6/62.6	38036	36928	37006	32312	29727	34993	33974	32667	29727	27349	31914	30984	29793	27111	24942
	115 115	80/67 84.2/66.2	36695 35454	35626 34421	34868 33688	31173 30119	28679 27709	33759 32617	32776 31667	31515 30449	28679 27709	26385 25492	30788 29747	29892 28881	28742 27770	26155 25271	24063 23249
	115	76/63	29427	28570	27471	24998	22998	27073	26284	25273	22998	21159	24690	23971	23049	20975	19297
	125	80.6/62.6	29841	28972	27857	25350	23322	27454	26654	25629	23322	21456	25038	24308	23374	21270	19568
	125	80/67	28788	27950	26875	24456	22500	26485	25714	24725	22500	20700	24155	23451	22549	20520	18878
	125	76/63	26572	25798	24806	22573	20767	24446	23734	22821	20767	19106	22295	21645	20813	18940	17425
	Fan Speed				Hi					Med					Low		
Exterr	nal Static Press		0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
/lodel	Air On	Air On								Flow (CN		-					
	Condenser	Evaporator															
	(F)	(F)															
	95	80/67	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	95 95	80.6/62.6 80.6/66.2	2941 2941	2839 2839	2720 2720	2584 2584	2465 2465	2805 2805	2720 2720	2601 2601	2499 2499	2397 2397	2720 2720	2635 2635	2516 2516	2414 2414	2312 2312
	95	76/63	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	105	80.6/62.6	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	105	80/67	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
40	105	76/63	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
48	115	80.6/62.6	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	115 115	80/67 84.2/66.2	2941 2941	2839 2839	2720 2720	2584 2584	2465 2465	2805 2805	2720 2720	2601 2601	2499 2499	2397 2397	2720 2720	2635 2635	2516 2516	2414 2414	2312 2312
	115	76/63	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	125	80.6/62.6	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	125	80/67	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	125	76/63	2941	2839	2720	2584	2465	2805	2720	2601	2499	2397	2720	2635	2516	2414	2312
	Fan Speed				Hi					Med					Low		
	nal Static Press		0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
∕lodel	Air On Condenser	Air On Evaporator							Pow	er Input (NVV)						
	(F)	(F)															
	95	80/67	4.61	4.56	4.50	4.47	4.43	4.48	4.43	4.38	4.34	4.31	4.36	4.30	4.25	4.22	4.18
	95	80.6/62.6	4.52	4.47	4.41	4.38	4.34	4.39	4.34	4.29	4.26	4.22	4.27	4.22	4.17	4.14	4.10
	95	80.6/66.2	4.48	4.42	4.37	4.34	4.30	4.35	4.30	4.25	4.21	4.18	4.23	4.18	4.13	4.10	4.06
	95	76/63	4.34	4.29	4.24	4.20	4.17	4.22	4.17	4.12	4.09	4.05	4.10	4.05	4.00	3.97	3.94
	105 105	80.6/62.6 80/67	4.86 4.81	4.80 4.75	4.74 4.70	4.71 4.66	4.67 4.62	4.72 4.68	4.67 4.62	4.61 4.57	4.57 4.53	4.54 4.49	4.59 4.55	4.54 4.49	4.48 4.44	4.45 4.40	4.41
48	105	76/63	4.71	4.66	4.60	4.57	4.53	4.58	4.53	4.47	4.44	4.49	4.45	4.49	4.35	4.31	4.28
_	115	80.6/62.6	5.35	5.29	4.97	5.19	5.14	5.20	5.14	5.08	5.04	5.00	5.06	5.00	4.94	4.90	4.86
	115	80/67	5.30	5.24	4.92	5.13	5.09	5.15	5.09	5.03	4.99	4.95	5.01	4.95	4.89	4.85	4.81
	115	84.2/66.2	5.15	5.09	4.78	4.99	4.95	5.00	4.94	4.88	4.85	4.81	4.86	4.80	4.75	4.71	4.67
	115	76/63	5.06	5.00	4.94	4.90	4.86	4.92	4.86	4.80	4.76	4.73	4.78	4.72	4.67	4.63	4.59
	125 125	80.6/62.6 80/67	5.92 5.86	5.85 5.79	5.78 5.72	5.73 5.67	5.68 5.63	5.75 5.69	5.68 5.63	5.61 5.56	5.57 5.51	5.53 5.47	5.59 5.53	5.52 5.47	5.46 5.40	5.41 5.36	5.37 5.32
	125	76/63	5.72	5.65	5.58	5.54	5.49	5.56	5.49	5.43	5.38	5.34	5.40	5.34	5.27	5.23	5.19
	Fan Speed				Hi					Med					Low		
	nal Static Press	ure in.wg	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
1odel	Air On	Air On								EER							
	Condenser	Evaporator															
	(F)	(F) 80/67	10.74	10.55	10.72	0.42	0.73	10.16	9.98	0.72	8.91	0.27	0.53	0.27	0.13	0.26	7.76
	95 95	80.6/62.6	10.74 10.05	10.55 9.87	10.72 10.04	9.42 8.81	8.73 8.17	10.16 9.51	9.98	9.72 9.09	8.34	8.27 7.74	9.53 8.92	9.37 8.77	9.12 8.53	8.36 7.83	7.76 7.26
	95	80.6/66.2	10.68	10.50	10.67	9.37	8.69	10.11	9.94	9.67	8.87	8.23	9.49	9.32	9.07	8.32	7.72
	95	76/63	9.70	9.53	9.27	8.51	7.89	9.18	9.02	8.78	8.05	7.47	8.61	8.46	8.24	7.55	7.01
	105	80.6/62.6	8.57	8.42	8.20	7.52	6.97	8.11	7.97	7.76	7.12	6.60	7.61	7.48	7.28	6.68	6.19
10	105	80/67	9.11	8.95	8.71	7.99	7.41	8.63	8.48	8.25	7.57	7.02	8.09	7.95	7.74	7.10	6.58
48	105	76/63	7.72	7.58	7.38	6.77	6.28	7.31	7.18	6.99	6.41	5.94	6.86	6.74	6.55	6.01	5.58
	115	80.6/62.6	7.32	7.20	7.67	6.42	5.96	6.93	6.81	6.63	6.08	5.64	6.50	6.39	6.22	5.70	5.29
		80/67	7.79	7.65 7.61	8.16 8.12	6.83	6.33	7.37 7.33	7.24 7.21	7.05 7.01	6.46	5.99 5.97	6.91 6.88	6.79 6.76	6.61	6.06	5.62 5.60
	115	84 2/66 2					0.50	(,,,)	1.41	7.01	0.40	3.3/	0.00	0.70			J.00
	115	84.2/66.2 76/63	7.75 6.54														
		84.2/66.2 76/63 80.6/62.6	6.54 5.20	6.43	6.26 4.97	5.74 4.56	5.32 4.23	6.19 4.92	6.08 4.84	5.92 4.71	5.43 4.32	5.04 4.00	5.81 4.62	5.71 4.54	5.56 4.42	5.10 4.05	4.73 3.76
	115 115	76/63	6.54	6.43	6.26	5.74	5.32	6.19	6.08	5.92	5.43	5.04	5.81	5.71	5.56	5.10	4.73

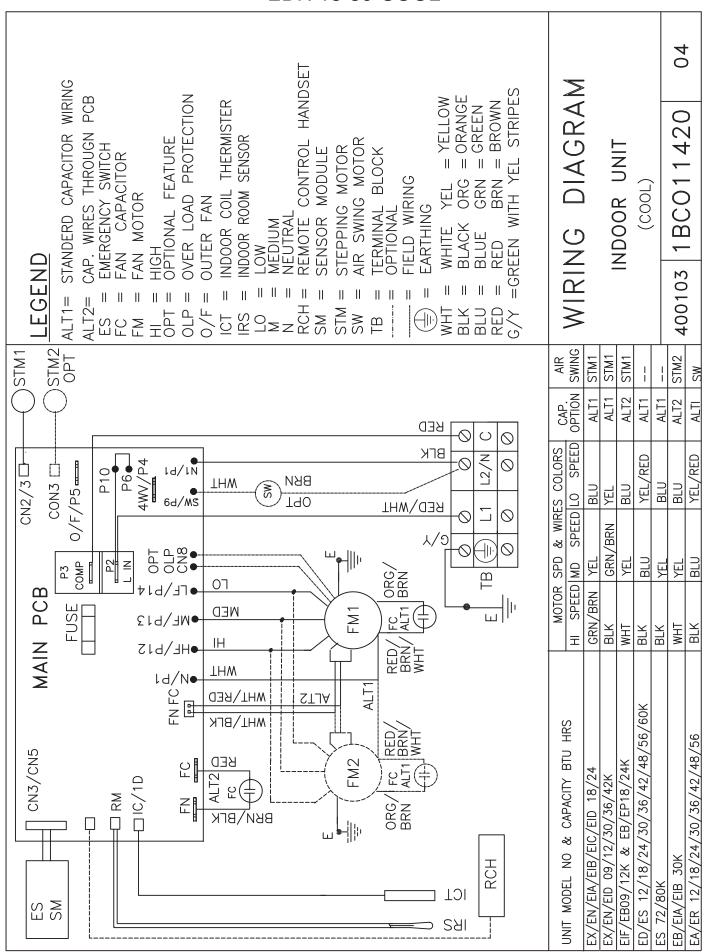
	E C - 1			DUC			l only mo COOL) - C			CHART - R	R410A - 50	HZ			1		
Evtor	Fan Speed nal Static Press		0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med 0.2	0.4	0.5	0	0.1	Low 0.2	0.4	0.5
Model	Air On Condenser	Air On Evaporator		0.1	0.2	0.4	0.3	0		Capacity		0.3	0	0.1	0.2	0.4	0.5
	(F)	(F)															
	95	80/67	57209	55542	53406	48599	44712	52632	51099	49134	44712	41135	48000	46602	44810	40777	37515
	95	80.6/62.6	52510	50981	49020	44608	41040	48309	46902	45098	41040	37756	44058	42775	41130	37428	34434
	95 95	80.6/66.2 76/63	55274 48672	53664 47254	51600 45437	46956 41347	43200 38040	50852 44778	49371 43474	47472 41802	43200 38040	39744 34996	46377 40838	45026 39648	43294 38123	39398 34692	36240 3191
	105	80.6/62.6	48152	46749	44951	40906	37633	44300	43009	41355	37633	34623	40401	39225	37716	34322	3157
	105	80/67	50686	49210	47317	43059	39614	46631	45273	43532	39614	36445	42528	41289	39701	36128	33238
	105	76/63	42070	40844	39273	35739	32880	38704	37577	36131	32880	30249	35298	34270	32952	29986	2758
60	115	80.6/62.6	45326	44006	42968	38505	35425	41700	40486	38928	35425	32591	38031	36923	35503	32308	29723
	115	80/67	47712	46322	45230	40532	37289	43895	42616	40977	37289	34306	40032	38866	37371	34008	31287
	115	84.2/66.2	46098	44756	43700	39161	36028	42411	41175	39592	36028	33146	38678	37552	36108	32858	30229
	115 125	76/63	38262 35560	37147	35719	32504 30209	29904	35201	34176	32861	29904	27511	32103 29837	31168 28968	29969	27272 25347	25090 23319
	125	80.6/62.6 80/67	37432	34525 36342	33197 34944	31799	27792 29255	32716 34437	31763 33434	30541 32148	27792 29255	25569 26915	31407	30492	27853 29319	26681	24546
	125	76/63	34550	33543	32253	29350	27002	31786	30860	29673	27002	24842	28989	28144	27062	24626	22656
-	Fan Speed				Hi		0.5			Med		0.5		0.4	Low		
	nal Static Press		0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
Model	Air On Condenser	Air On							Sensibi	e Capacit	увтон						
	(F)	Evaporator (F)	-														
	95	80/67	50858	49377	47478	43205	39749	46790	45427	43680	39749	36569	42672	41429	39836	36251	3335
	95	80.6/62.6	50935	49451	47549	43270	39808	46860	45495	43745	39808	36624	42736	41492	39896	36305	3340
	95	80.6/66.2	49139	47707	45872	41744	38404	45207	43891	42203	38404	35332	41229	40028	38489	35025	3222
	95	76/63	43269	42009	40393	36758	33817	39808	38648	37162	33817	31112	36305	35247	33891	30841	2837
	105	80.6/62.6	46707	45347	43603	39679	36504	42971	41719	40115	36504	33584	39189	38048	36584	33292	3062
	105	80/67	45060	43748	42065	38279	35217	41455	40248	38700	35217	32399	37807	36706	35294	32118	29548
	105	76/63	37400	36311	34914	31772	29230	34408	33406	32121	29230	26892	31380	30466	29294	26658	2452
60	115	80.6/62.6	43967	42686	41679	37350	34362	40449	39271	37761	34362	31613	36890	35815	34438	31338	2883
	115	80/67	42416	41180	40167	36033	33150	39023	37886	36429	33150	30498	35589	34552	33223	30233	27814
	115	84.2/66.2	40982	39788	38809	34814	32029	37703	36605	35197	32029	29467	34385	33384	32100	29211	26874
	115 125	76/63 80.6/62.6	34015 34494	33024 33489	31754 32201	28896 29303	26584 26959	31293 31734	30382 30810	29213 29625	26584 26959	24458 24802	28540 28941	27708 28098	26643 27018	24245 24586	2230
	125	80/67	33277	32308	31065	28269	26008	30615	29723	28580	26008	23927	27921	27108	26065	23719	21822
	125	76/63	30715	29820	28673	26093	24005	28257	27434	26379	24005	22085	25771	25020	24058	21893	20141
	Fan Speed				Hi					Med					Low		
Exteri	nal Static Press	ure in.wg	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
Model	Air On	Air Ón							Air	Flow (CA	MH)						
	Condenser (F)	Evaporator (F)															
	95	80/67	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	95	80.6/62.6	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	95	80.6/66.2	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	95	76/63	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	105	80.6/62.6	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	105	80/67	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	105	76/63	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
60	115	80.6/62.6	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	115	80/67	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	115	84.2/66.2	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	115	76/63	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	125 125	80.6/62.6 80/67	3281 3281	3179 3179	3060 3060	2924 2924	2805 2805	3179 3179	3077 3077	2958 2958	2822 2822	2703 2703	3094 3094	2992 2992	2873 2873	2737 2737	2618 2618
	125	76/63	3281	3179	3060	2924	2805	3179	3077	2958	2822	2703	3094	2992	2873	2737	2618
	Fan Speed				Hi					Med					Low		
	nal Static Press	ure in.wg	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5	0	0.1	0.2	0.4	0.5
Model	Air On	Air Ön							Pov	ver Input ((KW)						
	Condenser	Evaporator															
	(F)	(F)	F 4=	F 0=	F 0.1	4.0=	4.0-	4.00	4.00	4.0=	4.0=	. =-			. =-	1.00	
	95	80/67	5.13	5.07	5.01	4.97	4.93	4.98	4.92	4.87	4.83	4.79	4.84	4.79	4.73	4.69	4.65
	95 95	80.6/62.6 80.6/66.2	5.03	4.97	4.91	4.87	4.83	4.89	4.83	4.77	4.73	4.70	4.75	4.69 4.65	4.64	4.60	4.56
	95	76/63	4.98 4.83	4.92 4.77	4.86 4.71	4.82 4.68	4.78 4.64	4.84 4.69	4.78 4.64	4.72 4.58	4.69 4.55	4.65 4.51	4.70 4.56	4.65	4.59 4.45	4.55 4.42	4.52 4.38
	105	80.6/62.6	5.40	5.34	5.28	5.23	5.19	5.25	5.19	5.13	5.09	5.05	5.11	5.05	4.45	4.42	4.30
	105	80/67	5.35	5.29	5.22	5.18	5.14	5.20	5.14	5.08	5.04	5.00	5.06	5.00	4.94	4.90	4.86
	105	76/63	5.24	5.18	5.12	5.08	5.04	5.10	5.04	4.98	4.94	4.90	4.95	4.90	4.84	4.80	4.76
60	115	80.6/62.6	5.95	5.88	5.56	5.77	5.72	5.79	5.72	5.65	5.61	5.56	5.63	5.56	5.49	5.45	5.41
55	115	80/67	5.90	5.83	5.50	5.71	5.66	5.73	5.66	5.60	5.55	5.51	5.57	5.50	5.44	5.40	5.35
	115	84.2/66.2	5.72	5.66	5.34	5.54	5.50	5.56	5.50	5.43	5.39	5.35	5.41	5.34	5.28	5.24	5.20
	115	76/63	5.63	5.56	5.49	5.45	5.41	5.47	5.40	5.34	5.30	5.26	5.32	5.25	5.19	5.15	5.11
	125	80.6/62.6	6.58	6.50	6.42	6.37	6.32	6.39	6.32	6.24	6.19	6.14	6.22	6.14	6.07	6.02	5.97
	125 125	80/67 76/63	6.51	6.44	6.36	6.31	6.26	6.33	6.26	6.18	6.13 5.99	6.08 5.94	6.15 6.01	6.08 5.94	6.01 5.86	5.96 5.82	5.91 5.77
			0.30	0.20		0.10	0.11	0.10	0.11		J.79	J.74	0.01	5.74		J.02	5.//
Evto	Fan Speed nal Static Press	ure in wa	0	0.1	Hi 0.2	0.4	0.5	0	0.1	Med	0.4	0.5	0	0.1	Low	0.4	0.5
	Air On	ure in.wg Air On	U	U. I	0.2	0.4	0.5	U	U. I	0.2 EER	0.4	0.5	U	U. I	0.2	0.4	0.5
	Condenser	Evaporator	1							EEK							
		(F)															
Model	(F)	80/67	11.16	10.96	10.67	9.79	9.08	10.56	10.38	10.10	9.26	8.59	9.91	9.74	9.47	8.69	8.06
	(F) 95	80.6/62.6	10.45	10.26	9.99	9.16	8.50	9.89	9.71	9.45	8.67	8.04	9.28	9.11	8.87	8.14	7.55
	95		11.11	10.91	10.62	9.74	9.03	10.51	10.33	10.05	9.22	8.55	9.86	9.69	9.43	8.65	8.02
	95 95			9.90	9.64	8.84	8.20	9.54	9.38	9.12	8.37	7.76	8.95	8.80	8.56	7.85	7.28
	95	80.6/66.2 76/63	10.08			7.81	7.25	8.43	8.29	8.06	7.40	6.86	7.91	7.77	7.57	6.94	6.44
	95 95 95	80.6/66.2	10.08 8.91	8.75	8.52			8.97	8.81	8.57	7.86	7.29					6.84
	95 95 95 95 105	80.6/66.2 76/63 80.6/62.6 80/67			9.06	8.31	7.71	0.57	0.01	0.57	7.00	7.23	8.41	8.27	8.04	7.38	0.01
Model	95 95 95 95 105	80.6/66.2 76/63 80.6/62.6	8.91	8.75			7.71 6.53	7.59	7.46	7.26	6.66	6.18	7.13	7.00	8.04 6.81	6.25	
	95 95 95 95 105 105 105	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6	8.91 9.47 8.02 7.61	8.75 9.31 7.88 7.48	9.06 7.67 7.73	8.31 7.04 6.68	6.53 6.19	7.59 7.20	7.46 7.08	7.26 6.89	6.66 6.32	6.18 5.86	7.13 6.76	7.00 6.64	6.81 6.46	6.25 5.93	5.80 5.50
Model	95 95 95 95 105 105 105 115	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67	8.91 9.47 8.02 7.61 8.09	8.75 9.31 7.88 7.48 7.95	9.06 7.67 7.73 8.22	8.31 7.04 6.68 7.10	6.53 6.19 6.58	7.59 7.20 7.66	7.46 7.08 7.53	7.26 6.89 7.32	6.66 6.32 6.72	6.18 5.86 6.23	7.13 6.76 7.19	7.00 6.64 7.06	6.81 6.46 6.87	6.25 5.93 6.30	5.80 5.50 5.85
Model	95 95 95 95 105 105 105 115 115	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2	8.91 9.47 8.02 7.61 8.09 8.05	8.75 9.31 7.88 7.48 7.95 7.91	9.06 7.67 7.73 8.22 8.18	8.31 7.04 6.68 7.10 7.06	6.53 6.19 6.58 6.55	7.59 7.20 7.66 7.62	7.46 7.08 7.53 7.49	7.26 6.89 7.32 7.29	6.66 6.32 6.72 6.69	6.18 5.86 6.23 6.20	7.13 6.76 7.19 7.15	7.00 6.64 7.06 7.03	6.81 6.46 6.87 6.84	6.25 5.93 6.30 6.27	5.80 5.50 5.85 5.82
Model	95 95 95 95 105 105 115 115 115	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63	8.91 9.47 8.02 7.61 8.09 8.05 6.80	8.75 9.31 7.88 7.48 7.95 7.91 6.68	9.06 7.67 7.73 8.22 8.18 6.50	8.31 7.04 6.68 7.10 7.06 5.96	6.53 6.19 6.58 6.55 5.53	7.59 7.20 7.66 7.62 6.44	7.46 7.08 7.53 7.49 6.32	7.26 6.89 7.32 7.29 6.15	6.66 6.32 6.72 6.69 5.64	6.18 5.86 6.23 6.20 5.24	7.13 6.76 7.19 7.15 6.04	7.00 6.64 7.06 7.03 5.93	6.81 6.46 6.87 6.84 5.77	6.25 5.93 6.30 6.27 5.30	5.80 5.50 5.85 5.82 4.91
Model	95 95 95 95 105 105 105 115 115 115 115	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63 80.6/62.6	8.91 9.47 8.02 7.61 8.09 8.05 6.80 5.41	8.75 9.31 7.88 7.48 7.95 7.91 6.68 5.31	9.06 7.67 7.73 8.22 8.18 6.50 5.17	8.31 7.04 6.68 7.10 7.06 5.96 4.74	6.53 6.19 6.58 6.55 5.53 4.40	7.59 7.20 7.66 7.62 6.44 5.12	7.46 7.08 7.53 7.49 6.32 5.03	7.26 6.89 7.32 7.29 6.15 4.89	6.66 6.32 6.72 6.69 5.64 4.49	6.18 5.86 6.23 6.20 5.24 4.16	7.13 6.76 7.19 7.15 6.04 4.80	7.00 6.64 7.06 7.03 5.93 4.72	6.81 6.46 6.87 6.84 5.77 4.59	6.25 5.93 6.30 6.27 5.30 4.21	5.80 5.50 5.85 5.82 4.91 3.90
Model	95 95 95 95 105 105 115 115 115	80.6/66.2 76/63 80.6/62.6 80/67 76/63 80.6/62.6 80/67 84.2/66.2 76/63	8.91 9.47 8.02 7.61 8.09 8.05 6.80	8.75 9.31 7.88 7.48 7.95 7.91 6.68	9.06 7.67 7.73 8.22 8.18 6.50	8.31 7.04 6.68 7.10 7.06 5.96	6.53 6.19 6.58 6.55 5.53	7.59 7.20 7.66 7.62 6.44	7.46 7.08 7.53 7.49 6.32	7.26 6.89 7.32 7.29 6.15	6.66 6.32 6.72 6.69 5.64	6.18 5.86 6.23 6.20 5.24	7.13 6.76 7.19 7.15 6.04	7.00 6.64 7.06 7.03 5.93	6.81 6.46 6.87 6.84 5.77	6.25 5.93 6.30 6.27 5.30	5.80 5.50 5.85 5.82

	E	SMA Air	flow Dat	a - in CF	M						
Model	Crood	External Static Pressure (Inch)									
Model	Speed	0	0.1	0.2	0.4	0.5					
	High	505	490	446	NA	NA					
EDN18	Med	464	450	410	NA	NA					
LDIVIO	Low	412	400	364	NA	NA					
	High	762	740	673	NA	NA					
EDN24	Med	700	680	619	NA	NA					
	Low	618	600	546	NA	NA					
	High	876	851	774	NA	NA					
EDN30	Med	803	780	710	NA	NA					
	Low	706	685	623	NA	NA					
	High	1285	1248	1201	1080	994					
ESN36	Med	1178	1144	1100	990	911					
	Low	1039	1009	970	873	803					
	High	1501	1447	1383	1310	1247					
ESN42	Med	1428	1383	1319	1264	1210					
	Low	1383	1338	1274	1219	1165					
	High	1730	1670	1601	1520	1450					
ESN48	Med	1650	1600	1530	1470	1410					
	Low	1600	1550	1480	1420	1360					
	High	1930	1870	1801	1720	1650					
ESN60	Med	1870	1810	1740	1660	1590					
	Low	1820	1760	1690	1610	1540					

	E	SMA Air	flow Dat	a - in CN	ИΗ							
Madal	Spood	External Static Pressure (Inch)										
Model	Speed	0	0.1	0.2	0.4	0.5						
	High	859	833	758	NA	NA						
EDN18	Med	789	765	697	NA	NA						
	Low	700	680	619	NA	NA						
	High	1295	1258	1144	NA	NA						
EDN24	Med	1190	1156	1052	NA	NA						
	Low	1051	1020	928	NA	NA						
	High	1489	1447	1316	NA	NA						
EDN30	Med	1365	1326	1207	NA	NA						
	Low	1200	1165	1059	NA	NA						
	High	2185	2122	2042	1836	1690						
ESN36	Med	2003	1945	1870	1683	1549						
	Low	1766	1715	1649	1484	1365						
	High	2552	2459	2351	2227	2119						
ESN42	Med	2428	2351	2242	2150	2057						
	Low	2351	2274	2166	2073	1980						
	High	2941	2839	2722	2584	2465						
ESN48	Med	2805	2720	2601	2499	2397						
	Low	2720	2635	2516	2414	2312						
	High	3281	3179	3062	2924	2805						
ESN60	Med	3179	3077	2958	2822	2703						
	Low	3094	2992	2873	2737	2618						

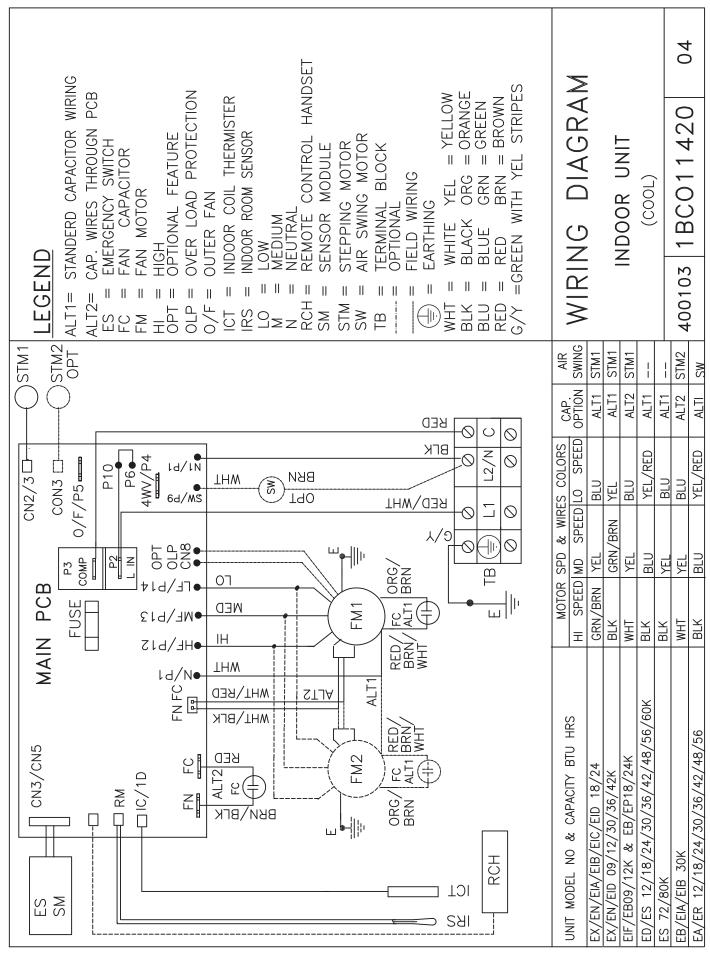
PRODUCT DATA BOOK

WIRING DIAGRAM-INDOOR UNIT EDN 18-30-COOL

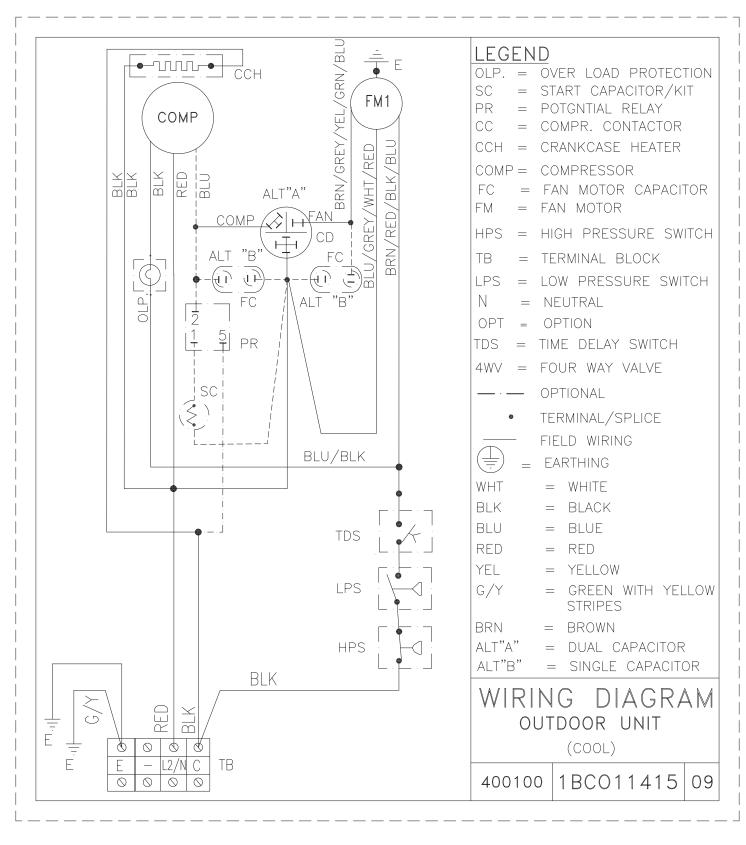


PRODUCT DATA BOOK

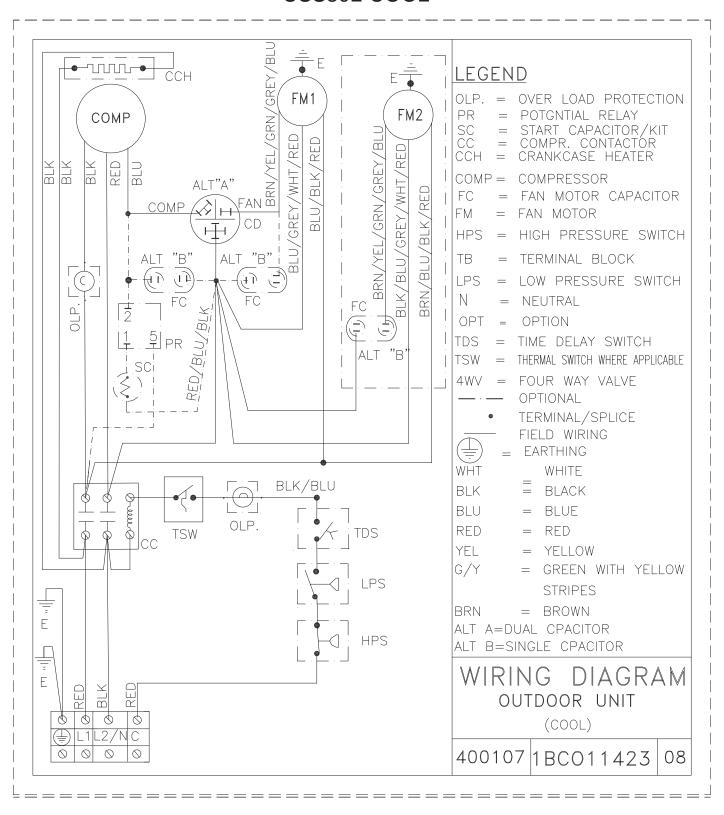
WIRING DIAGRAM-INDOOR UNIT ESN 36-60-COOL



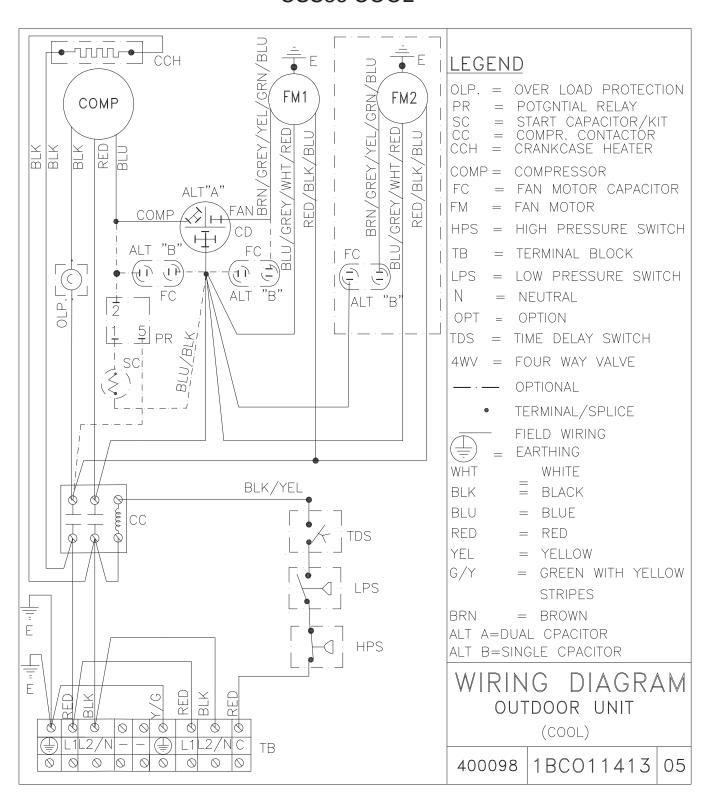
WIRING DIAGRAM-OUTDOOR UNIT CST18-24 COOL



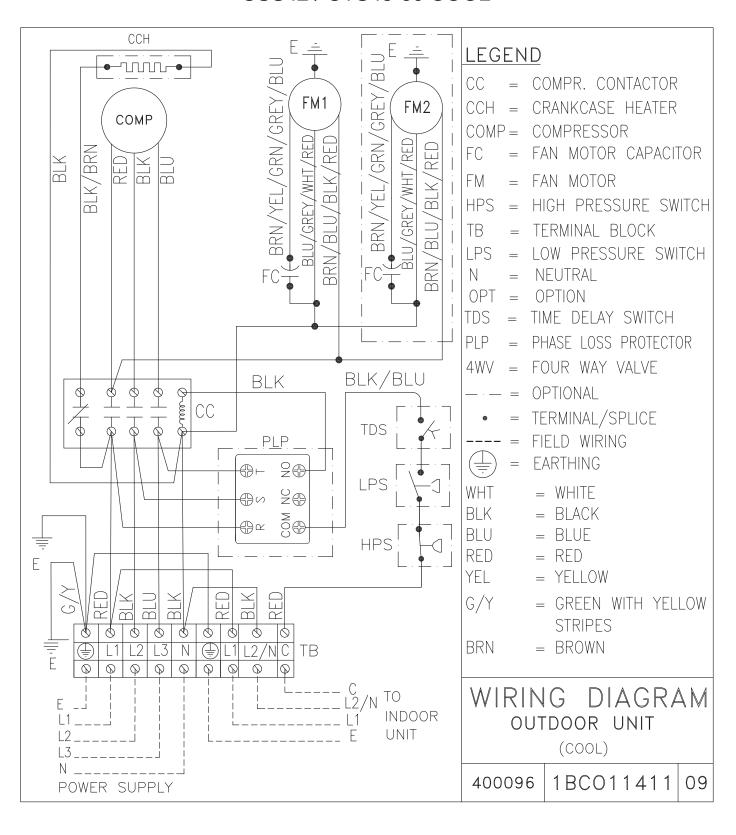
WIRING DIAGRAM-OUTDOOR UNIT CSS30L-COOL



WIRING DIAGRAM-OUTDOOR UNIT CSS36 COOL



WIRING DIAGRAM-OUTDOOR UNIT CSS42 / CTS48-60 COOL





Approvals*









IEC System for Conformity Testing & Certification of Electro-technical Equipment and Components under CB Scheme





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