



ALFOURAD الفـؤاد
Air Conditioning لأعمال التكييف والصيانة

GALAXY SERIES DUCTED SPLIT

AIR CONDITIONERS

Capacity 18-70K

EDG/ESG - 60Hz

R410A

سكاي ستار



TABLE OF CONTENTS

INTRODUCTION3

SALIENT FEATURES4

ENGINEERING SPECIFICATIONS5

COOLING PERFORMANCE DATA7

HEATING PERFORMANCE DATA15

AIR FLOW CHART23

GENERAL ARRANGEMENT DRAWINGS - INDOOR24

GENERAL ARRANGEMENT DRAWINGS - OUTDOOR25

WIRING DIAGRAM26

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.

Here lies the reason for the choice of only the highest quality components and design strategists to meet the most important objective such as:

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

CONCEALED DUCTABLE SPLIT SYSTEM - CAPACITY 18,000 to 70,000 BTU/HR



EDG
18K & 24K



ESG
30K, 37K, 45K, 49K, 60K & 70K



CST
18K, 24K & 30K



CST CSS
37K 45K, 49K, 60K & 70K

SALIENT FEATURES

Indoor Split Units

- The EDG & ESG series units are the new range of Concealed ductable split units with compact design, 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 EDG & ESG series units are Leak tested by electronic machines, piped, internally wired and having holding charge of refrigerant R410A.
- These EDG & ESG units (1.5TR - 6TR capacities) are available in power supply 208 ~ 230 Volts / 1 Phase / 60 Hz with 230 volts control circuit as standard.
- The 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.
- The EDG & ESG units are designed with advanced refrigerant circuitry keeping in mind for the minimum pressure drop for best output.
- EDG / ESG units are draw through design & evaporator is fully covered with drain pan and units are insulated with 5mm insulation wherever required.
- The units are equipped with Efficient and dependable metering of the refrigerant is provided by Flowrator for Cooling circuit, a device which improves overall system reliability and is easily accessible for routine maintenance.
- The EDG & ESG units are fitted with synthetic washable filter with 3mm frame thickness to restrict dust particles to enter inside the indoor unit as well as the cooling space.
- Automatically Dehumidifies the room efficiently without lowering the required temperature.
- The EDG & ESG units are provided wired controller with LCD display & also having LCD remote hand set.
- The EDG / ESG units are with high efficient DC motor controlled / protection through PCB, Motors are consist of inbuilt permanently lubricated bearing.
- EDG / ESG units are provided with double inlet metal blower.

Outdoor Split Units

- The outdoor units are the new range of Outdoor split units, suitable for side flow installation on the roof or on the ground.
- The outdoor split models are available in voltage with 208 ~ 230 volts, Single phase / 60Hz power supply.
- These units are designed & tested in accordance with ISO13253 standard.
- The 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 iron, weather resistant and wherever necessary powder coated for lasting protection and durability.
- Compressors are fully hermetic type designed for high efficiency and provided with inbuilt thermal overload protection.
18K ~ 37K units with Rotary Compressor
45K and above units with Scroll Compressor
- The outdoor units 30K and above are provided with contactors to avoid load on PCB during compressor function.
- Condenser coils are made of seamless inner grooved copper tube and aluminum fins mechanically bonded for maximum heat transfer. The Coils are factory tested for leaks at 550psig pressure.
- Condenser coils are designed to have minimum pressure drop for refrigerant flow to get best output.
- The units are equipped with Efficient and dependable metering of the refrigerant is provided by Flowrator for Heating circuit, a device which improves overall system reliability and is easily accessible for routine maintenance.
- Easy accessible control box.
- Higher capacity units (37K and above) are provided with Low pressure control, High pressure control switch to safeguard compressor.
- All models are provided with built in 3 minutes time delay for safe operation of the compressor.
- The outdoor units are provided with plastic mesh to safeguard & avoid access of condenser.
- The outdoor units are provided with Plastic direct drive Axial fan which is designed aerodynamically for efficient air flow.
- The outdoor unit 18K, 37K & 45K(cool models) & 18K, 45K(heat pump models) motors are provided with inbuilt thermal overload protector (OLP) & rest other outdoor units are provided with high efficient DC motor controlled / protection through PCB, Motors are consist of inbuilt permanently lubricated bearing.

GALAXY SERIES DUCTED SPLIT - R410A

PRODUCT DATA BOOK

ENGINEERING SPECIFICATIONS

COOL

TECHINICAL SPECIFICATIONS											
Models - Ducted with Side Discharge Condenser			Indoor Unit	EDG			ESG				
				18	24	30	37	45	49	60	70
			Outdoor Unit	CST			CSS				
			18	24	30	37	45	49	60	70	
Nominal Capacities	T1: Cooling @ 35°C	Btu/h	17,600	23,500	30,200	32800	45,000	46,600	55,000	70,000	
Power Consumption		Watts	1,479	1,975	2,538	2756	3,719	3,916	4,622	6,250	
Running Current		Amps	6.60	8.81	11.32	12.61	16.58	17.92	20.61	27.87	
EER		Btu/hr/W	11.90	11.90	11.90	11.900	12.100	11.900	11.900	11.200	
Nominal Capacities	T3: Cooling @ 46°C	Btu/h	16,000	20,400	26,000	29000	39,000	41,600	49,000	64,000	
Power Consumption		Watts	1,928	2,458	3,095	3452	4,588	4,894	5,833	7,711	
Running Current		Amps	8.60	10.96	13.80	15.80	20.46	22.40	26.01	34.39	
EER		Btu/hr/W	8.30	8.30	8.40	8.400	8.500	8.500	8.400	8.300	
Refrigerant Type			R-410A								
Indoor Unit	Power Supply		V/Ph/Hz	230/1/60							
	Fan	Fan Type	Double inlet Double width								
		Air flow Rate	m3/h	1100	1395	2125	2125	2975	2975	3483	4080
		Input Power	W	150	190	200	200	250	250	350	400
		Fan Motor Protection		Auto Reset Thermal Overload							
	Sound Pressure (H/M/L)		dBa	48/43/41	49/45/42	55/50/47	55/50/47	57/52/48	57/52/48	57/53/50	
	Coil	Tube	Material	Inner Groove Copper Tube							
		Fin	Diameter	mm	7.00	7.00	9.52	7.94	9.52	9.52	7.94
			Material	Aluminum							
			No. Of Rows	3	4	3	4	3	3	3	4
	Fin per inch		18	18	14	18	14	14	14	18	
	Coil Area		Sqm	0.23	0.23	0.43	0.34	0.43	0.43	0.43	0.51
	Unit Dimensions	Height	mm	278	278	435	378	435	435	435	435
		Width		1,100	1,100	1,200	1,100	1,200	1,200	1,200	1,400
		Depth		622	622	700	660	700	700	700	700
	Net Weight		kg	43	45	74	68	74	74	74	78
	System Operation Control			Wired controller with remote							
	Condensate Drainage (O.D.)		mm	25.4							
Air Filter			Synthetic, Washable								
Outdoor Unit	Power Supply		V/Ph/Hz	230/1/60							
	Air Discharge		Type	Side							
	Compressor	Quantity	1	1	1	1	1	1	1	1	
		Compressor Type	Rotary				Scroll				
		Vibration Isolator	Rubber mount								
		Protection Device	Auto Reset Thermal Overload								
	Fan	Quantity	1	1	1	2	2	2	2	2	
		Fan / Type Drive	Propeller/Direct Drive								
		Fan Speed	rpm	870	850	850	870	870	850	850	850
		Blade Material	Plastic								
	Coil	Type	Construction	Fin tube construction							
		Material	Tube	Inner groove copper tube							
			Fin	Aluminum							
		Rows deep	No's	2	3	3	2	3	3	3	3
	Coil Area		Sqm	0.80	0.80	0.80	1.37	1.37	1.37	1.37	1.37
	Dimensions	Height	mm	800	800	800	1335	1335	1335	1335	1335
		Width		1000	1000	1000	1000	1000	1000	1000	1000
		Depth		415	415	415	415	415	415	415	415
Net Weight		kg	67	69	72	94	113	113	118	120	
Piping	Type	Flare + Nuts									
	Pipe Size	Suction	inch	1/2	5/8	5/8	5/8	3/4	3/4	3/4	3/4
		Liquid		1/4	1/4	3/8	3/8	1/2	1/2	1/2	1/2
► T1 : 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.											
► H1 : Heating Capacity is based on 68°F (20°C) dry bulb, 59°F (15°C) wet bulb indoor conditions and 44.6°F (7°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 @ 1 meters distance, as per factory test standard											

GALAXY SERIES DUCTED SPLIT - R410A

PRODUCT DATA BOOK

ENGINEERING SPECIFICATIONS

HEAT PUMP

TECHINCAL SPECIFICATIONS												
Models - Ducted with Side Discharge Condenser			Indoor Unit	EDG		ESG						
				18	24	30	37	45	49	60	70	
			Outdoor Unit	CST				CSS				
18	24	30		37	45	49	60	70				
Nominal Capacities	T1: Cooling @ 35°C	Btu/h	17,600	23,500	30,200	32800	45,000	46,600	55,000	70,000		
Power Consumption		Watts	1,479	1,975	2,538	2756	3,719	3,916	4,622	6,250		
Running Current		Amps	6.60	8.81	11.32	12.61	16.58	17.92	20.61	27.87		
EER		Btu/hr/W	11.90	11.90	11.90	11.900	12.100	11.900	11.900	11.200		
Nominal Capacities	T3: Cooling @ 46°C	Btu/h	16,000	20,400	26,000	29000	39,000	41,600	49,000	64,000		
Power Consumption		Watts	1,928	2,458	3,095	3452	4,588	4,894	5,833	7,711		
Running Current		Amps	8.60	10.96	13.80	15.80	20.46	22.40	26.01	34.39		
EER		Btu/hr/W	8.30	8.30	8.40	8.400	8.500	8.500	8.400	8.300		
Nominal Capacities	H1: Heating	Btu/h	16,500	21,500	26,500	30600	42,000	46,000	55,000	68,000		
Power Consumption		Watts	1,422	1,853	2,219	2562	3,620	3,852	4,605	5,776		
Running Current		Amps	6.34	8.26	9.90	11.73	16.14	17.63	20.54	25.76		
EER		Btu/hr/W	3.40	3.40	3.50	3.500	3.400	3.500	3.500	3.450		
Refrigerant Type			R-410A									
Indoor Unit	Power Supply		V/Ph/Hz	230/1/60								
	Fan	Fan Type		Double inlet Double width								
		Air flow Rate		m3/h	1100	1395	2125	2125	2975	2975	3483	4080
		Input Power		W	150	190	200	200	250	250	350	400
		Fan Motor Protection		Auto Reset Thermal Overload								
	Sound Pressure (H/M/L)		dBA	48/43/41	49/45/42	55/50/47	55/50/47	57/52/48	57/52/48	57/52/48	57/53/50	
	Coil	Tube	Material		Inner Groove Copper Tube							
			Diameter		mm	7.00	7.00	9.52	7.94	9.52	9.52	9.52
		Fin	Material		Aluminum							
			No. Of Rows		3	4	3	4	3	3	3	3
	Fin per inch		18	18	14	18	14	14	14	14	18	
	Coil Area		Sqm	0.23	0.23	0.43	0.34	0.43	0.43	0.43	0.51	
	Unit Dimensions	Height	mm	278	278	435	378	435	435	435	435	
				Width	1,100	1,100	1,200	1,100	1,200	1,200	1,200	1,400
				Depth	622	622	700	660	700	700	700	700
	Net Weight		kg	43	45	74	68	74	74	74	78	
	System Operation Control			Wired controller with remote								
	Condensate Drainage (O.D.)		mm	25.4								
Air Filter			Synthetic, Washable									
Outdoor Unit	Power Supply		V/Ph/Hz	230/1/60								
	Air Discharge		Type	Side								
	Compressor	Quantity		1	1	1	1	1	1	1	1	
		Compressor Type		Rotary				Scroll				
		Vibration Isolator		Rubber mount								
		Protection Device		Auto Reset Thermal Overload								
	Fan	Quantity		1	1	1	2	2	2	2	2	
		Fan / Type Drive		Propeller/Direct Drive								
		Fan Speed		rpm	870	850	850	850	870	850	850	
		Blade Material		Plastic								
	Coil	Type	Construction	Fin tube construction								
				Inner groove copper tube								
		Material	Tube	Aluminum								
				Fin								
	Rows deep		No's		2	3	3	2	3	3	3	3
	Coil Area		Sqm	0.80	0.80	0.80	1.37	1.37	1.37	1.37	1.37	
	Dimensions	Height	mm	800	800	800	1335	1335	1335	1335	1335	
				Width	1000	1000	1000	1000	1000	1000	1000	1000
				Depth	415	415	415	415	415	415	415	415
	Net Weight		kg	67	69	72	94	113	113	118	120	
Piping	Type		Flare + Nuts									
	Pipe Size	Suction	inch	1/2	5/8	5/8	5/8	3/4	3/4	3/4	3/4	
				Liquid	1/4	1/4	3/8	3/8	1/2	1/2	1/2	1/2
► T1 : 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.												
► H1 : Heating Capacity is based on 68°F (20°C) dry bulb, 59°F (15°C) wet bulb indoor conditions and 44.6°F (7°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 @ 1 meters distance, as per factory test standard												

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 18K

Fan Speed			HI			Med			Low		
External Static Pressure in.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Total Capacity BTUH								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG18	95	76/63	17502	16992	16234	16511	16030	15315	15577	15123	14448
	95	80/67	18418	17882	17084	17376	16869	16117	16392	15915	15205
	95	80.6/62.6	17581	17069	16308	16586	16103	15384	15647	15191	14514
	95	80.6/66.2	18128	17600	16815	17102	16604	15863	16134	15664	14965
	95	84.2/66.2	18309	17776	16983	17273	16770	16022	16295	15821	15115
	105	76/63	16667	16181	15460	15723	15265	14585	14833	14401	13759
	105	80/67	17726	17210	16443	16723	16236	15512	15776	15317	14634
	105	80.6/62.6	16742	16254	15529	15794	15334	14650	14900	14466	13821
	105	80.6/66.2	17222	16720	15974	16247	15774	15070	15327	14881	14217
	105	84.2/66.2	17395	16888	16135	16410	15932	15222	15481	15030	14360
	115	76/63	15832	15371	14685	14936	14501	13854	14090	13680	13070
	115	80/67	17035	16539	15801	16071	15603	14907	15161	14719	14063
	115	80.6/62.6	15903	15440	14751	15003	14566	13916	14154	13742	13129
	115	80.6/66.2	16315	15840	15134	15392	14943	14277	14520	14098	13469
	115	84.2/66.2	16480	16000	15286	15547	15094	14421	14667	14240	13605
	125	76/63	14053	13644	13035	13257	12871	12297	12507	12143	11601
	125	80/67	15200	14758	14099	14340	13922	13301	13528	13134	12548
	125	80.6/62.6	13956	13549	12945	13166	12782	12212	12420	12059	11521
	125	80.6/66.2	14379	13961	13338	13566	13170	12583	12798	12425	11871
	125	84.2/66.2	14896	14462	13817	14053	13643	13035	13257	12871	12297

Fan Speed			HI			Med			Low		
External Static Pressure in.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Sensible Capacity BTUH								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG18	95	76/63	16511	16030	15315	15190	14748	14090	13975	13568	12963
	95	80/67	16249	15776	15072	14949	14514	13866	13753	13353	12757
	95	80.6/62.6	15840	15325	14693	14573	14099	13518	13407	12971	12436
	95	80.6/66.2	15776	15317	14633	14514	14091	13463	13353	12964	12386
	95	84.2/66.2	15934	15470	14780	14659	14232	13597	13486	13094	12510
	105	76/63	15512	15060	14389	14271	13855	13238	13129	12747	12179
	105	80/67	16275	15801	15096	14973	14537	13888	13775	13374	12777
	105	80.6/62.6	14652	14199	13591	13480	13063	12504	12402	12018	11504
	105	80.6/66.2	15324	14878	14214	14098	13688	13077	12970	12593	12031
	105	84.2/66.2	15547	15095	14421	14304	13887	13268	13159	12776	12206
	115	76/63	14513	14090	13462	13352	12963	12385	12284	11926	11394
	115	80/67	16300	15825	15120	14996	14559	13910	13796	13395	12797
	115	80.6/62.6	13465	13072	12489	12387	12027	11490	11396	11065	10571
	115	80.6/66.2	14872	14439	13795	13682	13284	12691	12588	12221	11676
	115	84.2/66.2	15161	14719	14063	13948	13542	12938	12832	12458	11903
	125	76/63	10205	9907	9465	9388	9115	8708	8637	8386	8012
	125	80/67	12134	11780	11255	11163	10838	10354	10270	9971	9526
	125	80.6/62.6	10924	10606	10133	10050	9758	9323	9246	8977	8577
	125	80.6/66.2	11701	11360	10853	10765	10451	9985	9903	9615	9186
	125	84.2/66.2	12274	11917	11385	11292	10963	10474	10389	10086	9636

Fan Speed			HI			Med			Low		
External Static Pressure in.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Power Input (kW)								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG18	95	76/63	1.408	1.392	1.381	1.369	1.353	1.342	1.331	1.315	1.304
	95	80/67	1.519	1.501	1.489	1.477	1.459	1.447	1.435	1.418	1.407
	95	80.6/62.6	1.398	1.381	1.370	1.359	1.343	1.332	1.321	1.305	1.295
	95	80.6/66.2	1.497	1.479	1.467	1.455	1.438	1.426	1.414	1.397	1.386
	95	84.2/66.2	1.497	1.479	1.467	1.455	1.438	1.426	1.414	1.397	1.386
	105	76/63	1.622	1.603	1.590	1.577	1.558	1.546	1.533	1.514	1.502
	105	80/67	1.750	1.729	1.715	1.701	1.681	1.667	1.653	1.634	1.621
	105	80.6/62.6	1.609	1.590	1.577	1.564	1.546	1.533	1.520	1.502	1.490
	105	80.6/66.2	1.724	1.704	1.690	1.676	1.656	1.643	1.629	1.609	1.597
	105	84.2/66.2	1.724	1.704	1.690	1.676	1.656	1.643	1.629	1.609	1.597
	115	76/63	1.836	1.814	1.800	1.785	1.763	1.749	1.735	1.714	1.700
	115	80/67	1.980	1.957	1.941	1.925	1.902	1.887	1.871	1.849	1.834
	115	80.6/62.6	1.820	1.799	1.784	1.769	1.748	1.734	1.720	1.700	1.686
	115	80.6/66.2	1.951	1.928	1.913	1.897	1.874	1.859	1.843	1.822	1.807
	115	84.2/66.2	1.951	1.928	1.913	1.897	1.874	1.859	1.843	1.822	1.807
	125	76/63	1.928	1.905	1.890	1.874	1.852	1.837	1.821	1.800	1.785
	125	80/67	2.078	2.053	2.037	2.020	1.996	1.980	1.963	1.940	1.924
	125	80.6/62.6	1.912	1.889	1.874	1.859	1.837	1.822	1.807	1.785	1.771
	125	80.6/66.2	2.049	2.024	2.008	1.991	1.968	1.952	1.936	1.913	1.897
	125	84.2/66.2	2.049	2.024	2.008	1.991	1.968	1.952	1.936	1.913	1.897

Fan Speed			High			Med			Low		
External Static Pressure in.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	EER								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG18	95	76/63	12.43	12.21	11.76	12.06	11.85	11.41	11.71	11.50	11.08
	95	80/67	12.12	11.91	11.47	11.77	11.56	11.13	11.42	11.22	10.81
	95	80.6/62.6	12.58	12.36	11.90	12.21	11.99	11.55	11.85	11.64	11.21
	95	80.6/66.2	12.11	11.90	11.46	11.76	11.55	11.12	11.41	11.21	10.80
	95	84.2/66.2	12.23	12.02	11.58	11.87	11.67	11.23	11.52	11.32	10.90
	105	76/63	10.27	10.09	9.72	9.97	9.80	9.44	9.68	9.51	9.16
	105	80/67	10.13	9.95	9.59	9.83	9.66	9.30	9.54	9.38	9.03
	105	80.6/62.6	10.40	10.22	9.85	10.10	9.92	9.56	9.80	9.63	9.27
	105	80.6/66.2	9.99	9.82	9.45	9.70	9.53	9.17	9.41	9.25	8.90
	105	84.2/66.2	10.09	9.91	9.55	9.79	9.62	9.27	9.50	9.34	8.99
	115	76/63	8.62	8.47	8.16	8.37	8.22	7.92	8.12	7.98	7.69
	115	80/67	8.60	8.45	8.14	8.35	8.20	7.90	8.10	7.96	7.67
	115	80.6/62.6	8.74	8.58	8.27	8.48	8.33	8.02	8.23	8.09	7.79
	115	80.6/66.2	8.36	8.22	7.91	8.12	7.97	7.68	7.88	7.74	7.45
	115	84.2/66.2	8.45	8.30	7.99	8.20	8.05	7.76	7.96	7.82	7.53
	125	76/63	7.29	7.16	6.90	7.08	6.95	6.70	6.87	6.75	6.50
	125	80/67	7.32	7.19	6.92	7.10	6.98	6.72	6.89	6.77	6.52
	125	80.6/62.6	7.30	7.17	6.91	7.08	6.96	6.70	6.88	6.76	6.51
	125	80.6/66.2	7.02	6.90	6.64	6.81	6.69	6.45	6.61	6.50	6.26
	125	84.2/66.2	7.27	7.14	6.88	7.06	6.93	6.68	6.85	6.73	6.48

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 24K

Fan Speed			HI			Med			Low		
External Static Pressure In.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Total Capacity BTUH								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG24	95	76/63	23369	22688	21676	22046	21404	20450	20798	20193	19292
	95	80/67	24592	23876	22811	23200	22525	21520	21887	21250	20302
	95	80.6/62.6	23474	22791	21774	22146	21501	20542	20892	20284	19379
	95	80.6/66.2	24205	23500	22452	22835	22170	21181	21542	20915	19982
	95	84.2/66.2	24447	23735	22676	23063	22392	21393	21758	21124	20182
	105	76/63	21777	21143	20200	20545	19946	19057	19382	18817	17978
	105	80/67	23156	22481	21479	21845	21209	20263	20609	20008	19116
	105	80.6/62.6	21876	21238	20291	20637	20036	19143	19469	18902	18059
	105	80.6/66.2	22503	21848	20874	21230	20611	19692	20028	19445	18577
	105	84.2/66.2	22730	22068	21083	21443	20818	19890	20229	19640	18764
	115	76/63	20185	19598	18724	19043	18488	17664	17965	17442	16664
	115	80/67	21719	21087	20146	20490	19893	19006	19330	18767	17930
	115	80.6/62.6	20277	19686	18808	19129	18572	17743	18046	17520	16739
	115	80.6/66.2	20802	20196	19295	19624	19053	18203	18514	17974	17173
	115	84.2/66.2	21012	20400	19490	19823	19245	18387	18701	18156	17346
	125	76/63	17917	17396	16620	16903	16411	15679	15946	15482	14792
	125	80/67	19380	18816	17977	18283	17751	16959	17249	16746	15999
	125	80.6/62.6	17793	17275	16505	16786	16297	15570	15836	15375	14689
	125	80.6/66.2	18334	17800	17006	17296	16792	16043	16317	15842	15135
	125	84.2/66.2	18992	18439	17616	17917	17395	16619	16903	16410	15679

Fan Speed			HI			Med			Low		
External Static Pressure In.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Sensible Capacity BTUH								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG24	95	76/63	22046	21404	20450	20283	19692	18814	18660	18117	17309
	95	80/67	21696	21064	20125	19960	19379	18515	18364	17829	17034
	95	80.6/62.6	21150	20462	19619	19458	18825	18049	17902	17319	16605
	95	80.6/66.2	21065	20451	19539	19379	18815	17976	17829	17310	16538
	95	84.2/66.2	21275	20656	19734	19573	19003	18156	18007	17483	16703
	105	76/63	20275	19685	18807	18653	18110	17302	17161	16661	15918
	105	80/67	21239	20621	19701	19540	18971	18125	17977	17453	16675
	105	80.6/62.6	19159	18565	17771	17626	17079	16350	16216	15713	15042
	105	80.6/66.2	20013	19430	18564	18412	17876	17079	16939	16446	15712
	105	84.2/66.2	20303	19711	18832	18678	18134	17326	17184	16684	15940
	115	76/63	18504	17965	17164	17024	16528	15791	15662	15206	14527
	115	80/67	20783	20177	19277	19120	18563	17735	17590	17078	16316
	115	80.6/62.6	17167	16667	15924	15794	15334	14650	14530	14107	13478
	115	80.6/66.2	18962	18410	17589	17445	16937	16182	16049	15582	14887
	115	84.2/66.2	19330	18767	17930	17784	17266	16496	16361	15884	15176
	125	76/63	13011	12632	12068	11970	11621	11103	11012	10692	10215
	125	80/67	15470	15020	14350	14233	13818	13202	13094	12713	12146
	125	80.6/62.6	13929	13523	12920	12814	12441	11886	11789	11446	10935
	125	80.6/66.2	14918	14484	13838	13725	13325	12731	12627	12259	11712
	125	84.2/66.2	15649	15194	14516	14397	13978	13355	13246	12860	12286

Fan Speed			HI			Med			Low		
External Static Pressure In.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	Power Input (kW)								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG24	95	76/63	1.881	1.858	1.844	1.828	1.806	1.792	1.777	1.756	1.742
	95	80/67	2.029	2.005	1.989	1.972	1.948	1.933	1.917	1.894	1.879
	95	80.6/62.6	1.867	1.845	1.830	1.815	1.793	1.779	1.764	1.743	1.729
	95	80.6/66.2	1.999	1.975	1.959	1.943	1.920	1.904	1.888	1.866	1.851
	95	84.2/66.2	1.999	1.975	1.959	1.943	1.920	1.904	1.888	1.866	1.851
	105	76/63	2.111	2.086	2.069	2.052	2.027	2.011	1.994	1.971	1.955
	105	80/67	2.277	2.250	2.232	2.213	2.187	2.169	2.151	2.126	2.109
	105	80.6/62.6	2.094	2.069	2.052	2.035	2.011	1.995	1.978	1.955	1.939
	105	80.6/66.2	2.243	2.217	2.199	2.180	2.154	2.137	2.119	2.094	2.077
	105	84.2/66.2	2.243	2.217	2.199	2.180	2.154	2.137	2.119	2.094	2.077
	115	76/63	2.341	2.313	2.294	2.275	2.248	2.230	2.211	2.185	2.168
	115	80/67	2.525	2.495	2.475	2.454	2.425	2.406	2.385	2.357	2.338
	115	80.6/62.6	2.321	2.293	2.275	2.256	2.229	2.211	2.193	2.167	2.149
	115	80.6/66.2	2.487	2.458	2.438	2.418	2.389	2.370	2.350	2.322	2.304
	115	84.2/66.2	2.487	2.458	2.438	2.418	2.389	2.370	2.350	2.322	2.304
	125	76/63	2.458	2.429	2.409	2.389	2.361	2.342	2.322	2.294	2.276
	125	80/67	2.649	2.618	2.597	2.575	2.544	2.524	2.503	2.473	2.453
	125	80.6/62.6	2.438	2.409	2.390	2.369	2.341	2.323	2.303	2.276	2.258
	125	80.6/66.2	2.612	2.581	2.560	2.539	2.509	2.489	2.468	2.438	2.419
	125	84.2/66.2	2.612	2.581	2.560	2.539	2.509	2.489	2.468	2.438	2.419

Fan Speed			High			Med			Low		
External Static Pressure In.wg			0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Model	Air On	Air On	EER								
	Condenser	Evaporator									
	(°F)	(°F)									
EDG24	95	76/63	12.43	12.21	11.76	12.06	11.85	11.41	11.70	11.50	11.08
	95	80/67	12.12	11.91	11.47	11.77	11.56	11.13	11.42	11.22	10.81
	95	80.6/62.6	12.57	12.36	11.90	12.20	11.99	11.55	11.85	11.64	11.21
	95	80.6/66.2	12.11	11.90	11.46	11.75	11.55	11.12	11.41	11.21	10.80
	95	84.2/66.2	12.23	12.02	11.57	11.87	11.66	11.23	11.52	11.32	10.90
	105	76/63	10.32	10.14	9.76	10.01	9.84	9.48	9.72	9.55	9.20
	105	80/67	10.17	9.99	9.62	9.87	9.70	9.34	9.58	9.41	9.07
	105	80.6/62.6	10.45	10.27	9.89	10.14	9.96	9.60	9.84	9.67	9.31
	105	80.6/66.2	10.03	9.86	9.49	9.74	9.57	9.21	9.45	9.29	8.94
	105	84.2/66.2	10.13	9.96	9.59	9.83	9.66	9.31	9.55	9.38	9.03
	115	76/63	8.62	8.47	8.16	8.37	8.22	7.92	8.12	7.98	7.69
	115	80/67	8.60	8.45	8.14	8.35	8.20	7.90	8.10	7.96	7.67
	115	80.6/62.6	8.74	8.58	8.27	8.48	8.33	8.02	8.23	8.09	7.79
	115	80.6/66.2	8.36	8.22	7.91	8.12	7.97	7.68	7.88	7.74	7.45
	115	84.2/66.2	8.45	8.30	7.99	8.20	8.06	7.76	7.96	7.82	7.53
	125	76/63	7.29	7.16	6.90	7.08	6.95	6.70	6.87	6.75	6.50
	125	80/67	7.32	7.19	6.92	7.10	6.98	6.72	6.89	6.77	6.52
	125	80.6/62.6	7.30	7.17	6.91	7.08	6.96	6.70	6.88	6.76	6.51
	125	80.6/66.2	7.02	6.90	6.64	6.81	6.69	6.45	6.61	6.50	6.26
	125	84.2/66.2	7.27	7.14	6.88	7.06	6.93	6.68	6.85	6.73	6.48

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 30K

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG30	95	76/63	30732	29862	28992	28412	27832	28273	27473	26673	26139	25606	25785	25055	24325	23839	23352
	95	80/67	32972	32039	31106	30484	29862	30335	29476	28618	28045	27473	27665	26882	26099	25577	25055
	95	80.6/66.2	31052	30173	29294	28708	28122	28568	27759	26950	26411	25872	26054	25316	24579	24087	23596
	95	80.6/66.2	32012	31106	30200	29596	28992	29451	28618	27784	27228	26673	26859	26099	25339	24832	24325
	95	84.2/66.2	32332	31417	30502	29892	29282	29746	28904	28062	27501	26939	27128	26360	25592	25081	24569
	105	76/63	28595	27785	26976	26436	25897	26307	25562	24818	24322	23825	23992	23313	22634	22181	21729
	105	80/67	30680	29811	28943	28364.1	27785	28225	27426	26628	26095	25562	25741	25013	24284	23799	23313
	105	80.6/62.6	28824	28008	27192	26648	26104	26518	25767	25017	24516	24016	24184	23500	22815	22359	21903
	105	80.6/66.2	29648	28809	27970	27411	26851	27276	26504	25732	25218	24703	24876	24172	23468	22999	22529
	105	84.2/66.2	29946	29099	28251	27686	27121	27550	26771	25991	25471	24951	25126	24415	23704	23230	22756
	115	76/63	26458	25709	24960	24461	23962	24341	23652	22963	22504	22045	22199	21571	20942	20524	20105
	115	80/67	28387	27583	26780	26244	25709	26116	25377	24638	24145	23652	23818	23144	22469	22020	21571
	115	80.6/62.6	26595	25843	25090	24588	24086	24468	23775	23083	22621	22159	22315	21683	21052	20630	20209
	115	80.6/66.2	27284	26512	25740	25225	24710	25102	24391	23681	23207	22734	22893	22245	21597	21165	20733
	115	84.2/66.2	27560	26780	26000	25480	24960	25355	24638	23920	23442	22963	23124	22469	21815	21379	20942
	125	76/63	21772	21156	20540	20129	19718	20031	19464	18897	18519	18141	18268	17751	17234	16889	16545
	125	80/67	25355	24638	23920	23442	22963	23327	22667	22006	21566	21126	21274	20672	20070	19668	19267
	125	80.6/62.6	21524	20915	20306	19900	19494	19802	19242	18682	18308	17934	18060	17549	17038	16697	16356
	125	80.6/66.2	23977	23299	22620	22168	21715	22059	21435	20810	20394	19978	20118	19548	18979	18600	18220
	125	84.2/66.2	24804	24102	23400	22932	22464	22820	22174	21528	21097	20667	20812	20223	19634	19241	18848

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG30	95	76/63	28294	27494	26693	26159	25625	26031	25294	24557	24066	23575	23740	23068	22396	21948	21500
	95	80/67	28178	27381	26583	26052	25520	25924	25190	24457	23968	23478	23643	22974	22304	21858	21412
	95	80.6/62.6	27208	26438	25668	25154	24641	25031	24323	23614	23142	22670	22828	22182	21536	21106	20675
	95	80.6/66.2	27188	26419	25649	25136	24623	25013	24305	23597	23125	22653	22812	22166	21521	21090	20660
	95	84.2/66.2	27460	26683	25906	25388	24870	25263	24548	23833	23357	22880	23040	22388	21736	21301	20867
	105	76/63	26538	25787	25036	24535	24035	24415	23724	23033	22573	22112	22267	21636	21006	20586	20166
	105	80/67	26350	25604	24858	24361	23864	24242	23556	22869	22412	21955	22108	21483	20857	20440	20023
	105	80.6/62.6	25108	24397	23687	23213	22739	23099	22445	21792	21356	20920	21067	20470	19874	19477	19079
	105	80.6/66.2	24953	24247	23541	23070	22599	22957	22307	21657	21224	20791	20937	20344	19751	19356	18961
	105	84.2/66.2	26683	25928	25173	24669	24166	24549	23854	23159	22696	22233	22388	21755	21121	20699	20276
	115	76/63	24782	24081	23379	22912	22444	22800	22154	21509	21079	20649	20793	20205	19616	19224	18832
	115	80/67	24521	23827	23133	22670	22208	22559	21921	21282	20857	20431	20574	19992	19409	19021	18633
	115	80.6/62.6	23008	22357	21706	21271	20837	21167	20568	19969	19570	19170	19305	18758	18212	17848	17483
	115	80.6/66.2	22718	22075	21432	21003	20575	20900	20309	19717	19323	18929	19061	18522	17982	17622	17263
	115	84.2/66.2	25906	25173	24440	23951	23462	23834	23159	22485	22035	21585	21737	21121	20506	20096	19686
	125	76/63	16155	15697	15240	14935	14631	14862	14442	14021	13740	13460	13554	13171	12787	12531	12276
	125	80/67	18253	17736	17220	16875	16531	16793	16318	15842	15525	15209	15315	14882	14448	14159	13870
	125	80.6/62.6	17216	16729	16242	15917	15592	15839	15391	14943	14644	14345	14445	14036	13628	13355	13082
	125	80.6/66.2	17873	17367	16861	16524	16187	16443	15978	15512	15202	14892	14996	14572	14147	13864	13581
	125	84.2/66.2	18563	18038	17513	17162	16812	17078	16595	16112	15789	15467	15575	15135	14694	14400	14106

Fan Speed			HI					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG30	95	76/63	2.446	2.417	2.388	2.369	2.350	2.377	2.349	2.321	2.303	2.284	2.311	2.283	2.256	2.238	2.220
	95	80/67	2.638	2.607	2.576	2.555	2.535	2.564	2.534	2.504	2.484	2.464	2.493	2.463	2.434	2.414	2.395
	95	80.6/62.6	2.428	2.399	2.370	2.352	2.333	2.360	2.332	2.304	2.286	2.267	2.294	2.266	2.240	2.222	2.204
	95	80.6/66.2	2.599	2.568	2.538	2.518	2.498	2.526	2.497	2.467	2.447	2.428	2.456	2.427	2.398	2.379	2.360
	95	84.2/66.2	2.599	2.568	2.538	2.518	2.498	2.526	2.497	2.467	2.447	2.428	2.456	2.427	2.398	2.379	2.360
	105	76/63	2.714	2.682	2.650	2.629	2.608	2.638	2.607	2.576	2.556	2.535	2.564	2.534	2.504	2.484	2.464
	105	80/67	2.928	2.893	2.859	2.836	2.813	2.846	2.812	2.779	2.756	2.734	2.766	2.733	2.701	2.679	2.658
	105	80.6/62.6	2.693	2.661	2.629	2.608	2.587	2.617	2.586	2.555	2.535	2.515	2.544	2.514	2.484	2.464	2.444
	105	80.6/66.2	2.885	2.850	2.817	2.794	2.772	2.804	2.770	2.738	2.716	2.694	2.725	2.693	2.661	2.640	2.619
	105	84.2/66.2	2.885	2.850	2.817	2.794	2.772	2.804	2.770	2.738	2.716	2.694	2.725	2.693	2.661	2.640	2.619
	115	76/63	2.983	2.947	2.912	2.889	2.866	2.899	2.865	2.831	2.808	2.786	2.818	2.785	2.752	2.730	2.708
	115	80/67	3.217	3.179	3.141	3.116	3.091	3.127	3.090	3.053	3.029	3.005	3.040	3.004	2.968	2.944	2.921
	115	80.6/62.6	2.957	2.922	2.888	2.865	2.842	2.875	2.840	2.807	2.784	2.762	2.794	2.761	2.728	2.706	2.685
	115	80.6/66.2	3.170	3.132	3.095	3.070	3.046	3.081	3.044	3.008	2.984	2.960	2.995	2.959	2.924	2.901	2.878
115	84.2/66.2	3.170	3.132	3.095	3.070	3.046	3.081	3.044	3.008	2.984	2.960	2.995	2.959	2.924	2.901	2.878	
125	76/63	3.132	3.095	3.058	3.033	3.009	3.044	3.008	2.972	2.948	2.925	2.959	2.924	2.889	2.866	2.843	
125	80/67	3.376	3.336	3.296	3.270	3.244	3.281	3.242	3.204	3.178	3.153	3.189	3.152	3.114	3.089	3.065	
125	80.6/62.6	3.106	3.069	3.033	3.009	2.985	3.019	2.984	2.948	2.925	2.901	2.935	2.900	2.866	2.843	2.820	
125	80.6/66.2	3.328	3.289	3.250	3.224	3.198	3.235	3.197	3.159	3.133	3.108	3.144	3.107	3.070	3.046	3.021	
125	84.2/66.2	3.328	3.289	3.250	3.224	3.198	3.235	3.197	3.159	3.133	3.108	3.144	3.107	3.070	3.046	3.021	

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 37K

Fan Speed			Hi					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG37	95	76/63	33377	32433	31488	30858	30228	30707	29838	28969	28390	27810	28005	27212	26420	25891	25363
	95	80/67	35811	34798	33784	33108	32433	32946	32014	31081	30460	29838	30047	29197	28346	27779	27212
	95	80.6/66.2	33725	32770	31816	31180	30543	31027	30149	29271	28685	28100	28297	27496	26695	26161	25627
	95	80.6/66.2	34768	33784	32800	32144	31488	31987	31081	30176	29572	28969	29172	28346	27521	26970	26420
	95	84.2/66.2	35116	34122	33128	32465	31803	32306	31392	30478	29868	29259	29463	28630	27796	27240	26684
	105	76/63	31444	30554	29664	29071	28477	28928	28110	27291	26745	26199	26383	25636	24889	24391	23894
	105	80/67	33737	32782	31827	31190.5	30554	31038	30159	29281	28695	28110	28306	27505	26704	26170	25636
	105	80.6/62.6	31695	30798	29901	29302	28704	29159	28334	27508	26958	26408	26593	25840	25088	24586	24084
	105	80.6/66.2	32600	31678	30755	30140	29525	29992	29143	28295	27729	27163	27353	26579	25805	25289	24772
	105	84.2/66.2	32928	31996	31064	30443	29821	30294	29436	28579	28007	27436	27628	26846	26064	25543	25021
	115	76/63	29510	28675	27840	27283	26726	27150	26381	25513	25101	24588	24760	24060	23359	22892	22425
	115	80/67	31662	30766	29870	29273	28675	29129	28305	27480	26931	26381	26566	25814	25062	24561	24060
	115	80.6/62.6	29664	28825	27985	27425	26866	27291	26519	25746	25231	24716	24889	24185	23481	23011	22541
	115	80.6/66.2	30433	29571	28710	28136	27562	27998	27206	26413	25885	25357	25534	24812	24089	23607	23125
	115	84.2/66.2	30740	29870	29000	28420	27840	28281	27480	26680	26146	25613	25792	25062	24332	23846	23359
	125	76/63	24285	23597	22910	22452	21994	22342	21710	21077	20656	20234	20376	19799	19222	18838	18454
	125	80/67	28281	27480	26680	26146	25613	26018	25282	24546	24055	23564	23729	23057	22386	21938	21490
	125	80.6/62.6	24008	23328	22649	22196	21743	22087	21462	20837	20420	20004	20144	19574	19003	18623	18243
	125	80.6/66.2	26744	25987	25230	24725	24221	24604	23908	23212	22747	22283	22439	21804	21169	20746	20322
	125	84.2/66.2	27666	26883	26100	25578	25056	25453	24732	24012	23532	23052	23213	22556	21899	21461	21023

Fan Speed			Hi					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG37	95	76/63	30730	29861	28991	28411	27831	28272	27472	26672	26138	25605	25784	25054	24324	23838	23352
	95	80/67	30604	29738	28872	28295	27717	28156	27359	26562	26031	25500	25678	24951	24225	23740	23256
	95	80.6/62.6	29550	28714	27878	27320	26762	27186	26417	25642	25134	24621	24794	24092	23390	22923	22455
	95	80.6/66.2	29529	28693	27858	27300	26743	27167	26398	25629	25116	24604	24776	24075	23374	22906	22439
	95	84.2/66.2	29824	28980	28136	27573	27011	27438	26662	25885	25368	24850	25024	24316	23607	23135	22663
	105	76/63	29186	28360	27534	26983	26433	26851	26091	25331	24825	24318	24488	23795	23102	22640	22178
	105	80/67	28977	28157	27337	26790	26244	26659	25905	25150	24647	24144	24313	23625	22937	22478	22019
	105	80.6/62.6	27606	26825	26044	25523	25002	25398	24679	23960	23481	23002	23163	22507	21852	21415	20978
	105	80.6/66.2	27434	26658	25881	25363	24846	25239	24525	23811	23334	22858	23018	22367	21715	21281	20847
	105	84.2/66.2	29360	28529	27698	27144	26590	27011	26247	25482	24973	24463	24634	23937	23240	22775	22310
	115	76/63	27642	26859	26077	25555	25034	25430	24711	23991	23511	23031	23192	22536	21880	21442	21004
	115	80/67	27350	26576	25802	25286	24770	25162	24450	23738	23263	22788	22948	22298	21649	21216	20783
	115	80.6/62.6	25663	24936	24210	23726	23242	23610	22941	22273	21828	21382	21532	20923	20313	19907	19501
	115	80.6/66.2	25339	24622	23905	23427	22949	23312	22652	21992	21552	21113	21260	20659	20057	19656	19255
	115	84.2/66.2	28896	28078	27260	26715	26170	26584	25832	25079	24578	24076	24245	23558	22872	22415	21957
	125	76/63	18019	17509	16999	16659	16319	16577	16108	15639	15326	15013	15118	14690	14262	13977	13692
	125	80/67	20359	19783	19207	18823	18438	18730	18200	17670	17317	16963	17082	16599	16115	15793	15471
	125	80.6/62.6	19203	18659	18116	17754	17391	17667	17167	16667	16333	16000	16112	15656	15200	14896	14592
	125	80.6/66.2	19935	19371	18807	18431	18055	18341	17821	17302	16956	16610	16727	16253	15780	15464	15149
	125	84.2/66.2	20705	20119	19533	19143	18752	19049	18510	17971	17611	17252	17373	16881	16389	16061	15734

Fan Speed			Hi					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG37	95	76/63	2.656	2.625	2.593	2.573	2.552	2.582	2.551	2.521	2.501	2.481	2.509	2.480	2.450	2.431	2.411
	95	80/67	2.865	2.831	2.797	2.775	2.753	2.785	2.752	2.719	2.697	2.676	2.707	2.675	2.643	2.622	2.601
	95	80.6/62.6	2.636	2.605	2.574	2.554	2.533	2.562	2.532	2.502	2.482	2.462	2.491	2.461	2.432	2.413	2.393
	95	80.6/66.2	2.823	2.789	2.756	2.734	2.712	2.744	2.711	2.679	2.657	2.636	2.667	2.635	2.604	2.583	2.562
	95	84.2/66.2	2.823	2.789	2.756	2.734	2.712	2.744	2.711	2.679	2.657	2.636	2.667	2.635	2.604	2.583	2.562
	105	76/63	2.991	2.956	2.921	2.897	2.874	2.908	2.873	2.839	2.816	2.794	2.826	2.793	2.760	2.738	2.716
	105	80/67	3.227	3.188	3.151	3.125	3.100	3.136	3.099	3.062	3.038	3.014	3.048	3.012	2.977	2.953	2.929
	105	80.6/62.6	2.967	2.932	2.897	2.874	2.851	2.884	2.850	2.816	2.794	2.771	2.804	2.770	2.737	2.716	2.694
	105	80.6/66.2	3.179	3.141	3.104	3.079	3.055	3.090	3.053	3.017	2.993	2.969	3.003	2.968	2.933	2.909	2.886
	105	84.2/66.2	3.179	3.141	3.104	3.079	3.055	3.090	3.053	3.017	2.993	2.969	3.003	2.968	2.933	2.909	2.886
	115	76/63	3.327	3.287	3.248	3.222	3.197	3.234	3.195	3.157	3.132	3.107	3.143	3.106	3.069	3.044	3.020
	115	80/67	3.588	3.546	3.504	3.476	3.448	3.488	3.447	3.406	3.378	3.351	3.390	3.350	3.310	3.284	3.258
	115	80.6/62.6	3.298	3.259	3.221	3.195	3.169	3.206	3.168	3.131	3.105	3.081	3.116	3.079	3.043	3.019	2.994
	115	80.6/66.2	3.535	3.493	3.452	3.424	3.397	3.436	3.396	3.355	3.329	3.302	3.340	3.301	3.261	3.235	3.209
115	84.2/66.2	3.535	3.493	3.452	3.424	3.397	3.436	3.396	3.355	3.329	3.302	3.340	3.301	3.261	3.235	3.209	
125	76/63	3.493	3.452	3.411	3.383	3.356	3.395	3.355	3.315	3.289	3.262	3.300	3.261	3.222	3.196	3.171	
125	80/67	3.765	3.720	3.676	3.647	3.618	3.660	3.616	3.573	3.545	3.516	3.557	3.515	3.473	3.446	3.418	
125	80.6/62.6	3.465	3.424	3.383	3.356	3.329	3.368	3.328	3.288	3.262	3.236	3.273	3.235	3.196	3.171	3.145	
125	80.6/66.2	3.712	3.668	3.625	3.596	3.567	3.608	3.565	3.523	3.495	3.467	3.507	3.466	3.424	3.397	3.370	
125	84.2/66.2	3.712	3.668	3.625	3.596	3.567	3.608	3.565	3.523	3.495	3.467	3.507	3.466	3.424	3.397	3.370	

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 45K

Fan Speed			HI					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG45	95	76/63	45792	44496	43200	42336	41472	42129	40936	39744	38949	38154	38421	37334	36247	35522	34797
	95	80/67	49131	47741	46350	45423	44496	45201	43921	42642	41789	40936	41223	40056	38890	38112	37334
	95	80.6/66.2	46269	44960	43650	42777	41904	42567	41363	40158	39355	38552	38822	37723	36624	35892	35159
	95	80.6/66.2	47700	46350	45000	44100	43200	43884	42642	41400	40572	39744	40022	38890	37757	37002	36247
	95	84.2/66.2	48177	46814	45450	44541	43632	44323	43068	41814	40978	40141	40422	39278	38134	37372	36609
	105	76/63	42739	41530	40320	39514	38707	39320	38207	37094	36353	35611	35860	34845	33830	33153	32477
	105	80/67	45856	44558	43260	42395	41530	42187	40993	39799	39003	38207	38475	37386	36297	35571	34845
	105	80.6/62.6	43081	41862	40643	39830	39017	39635	38513	37391	36643	35895	36147	35124	34101	33419	32737
	105	80.6/66.2	44313	43059	41805	40969	40133	40768	39614	38461	37691	36922	37181	36128	35076	34375	33673
	105	84.2/66.2	44759	43492	42225	41381	40536	41178	40012	38847	38070	37293	37554	36491	35428	34720	34011
	115	76/63	39686	38563	37440	36691	35942	36511	35478	34445	33756	33067	33298	32356	31414	30785	30157
	115	80/67	42580	41375	40170	39367	38563	39174	38065	36956	36217	35478	35726	34715	33704	33030	32356
	115	80.6/62.6	39893	38764	37635	36882	36130	36702	35663	34624	33932	33239	33472	32525	31577	30946	30314
	115	80.6/66.2	40927	39768	38610	37838	37066	37652	36587	35521	34811	34100	34339	33367	32395	31747	31100
	115	84.2/66.2	41340	40170	39000	38220	37440	38033	36956	35880	35162	34445	34686	33704	32723	32068	31414
	125	76/63	32659	31734	30810	30194	29578	30046	29196	28345	27778	27211	27402	26626	25851	25334	24817
	125	80/67	38033	36956	35880	35162	34445	34990	34000	33010	32349	31689	31911	31008	30105	29503	28901
	125	80.6/62.6	32287	31373	30459	29850	29241	29704	28863	28022	27462	26901	27090	26323	25556	25045	24534
	125	80.6/66.2	35966	34948	33930	33251	32573	33089	32152	31216	30591	29967	30177	29323	28469	27899	27330
	125	84.2/66.2	37206	36153	35100	34398	33696	34230	33261	32292	31646	31000	31217	30334	29450	28861	28272

Fan Speed			HI					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG45	95	76/63	42160	40967	39774	38979	38183	38788	37690	36592	35860	35128	35374	34373	33372	32705	32037
	95	80/67	41988	40799	39611	38819	38026	38629	37535	36442	35713	34984	35229	34232	33235	32570	31906
	95	80.6/62.6	40541	39394	38247	37482	36717	37298	36243	35187	34483	33779	34016	33053	32090	31449	30807
	95	80.6/66.2	40512	39366	38219	37455	36690	37271	36217	35162	34458	33755	33991	33029	32067	31426	30785
	95	84.2/66.2	40917	39759	38601	37829	37057	37644	36579	35513	34803	34093	34331	33360	32388	31740	31093
	105	76/63	39667	38544	37422	36673	35925	36494	35461	34428	33739	33051	33282	32340	31398	30770	30142
	105	80/67	39384	38270	37155	36412	35669	36234	35208	34183	33499	32815	33045	32110	31175	30551	29928
	105	80.6/62.6	37527	36465	35403	34694	33986	34525	33547	32570	31919	31267	31486	30595	29704	29110	28516
	105	80.6/66.2	37294	36239	35183	34480	33776	34311	33340	32369	31721	31074	31292	30406	29520	28930	28340
	105	84.2/66.2	39889	38764	37631	36878	36125	36697	35659	34620	33928	33235	33468	32521	31574	30942	30311
	115	76/63	37173	36121	35069	34368	33666	34199	33231	32264	31618	30973	31190	30307	29424	28836	28247
	115	80/67	36781	35740	34699	34005	33311	33839	32881	31923	31285	30646	30861	29987	29114	28532	27950
	115	80.6/62.6	34512	33535	32558	31907	31256	31751	30852	29954	29355	28756	28957	28137	27318	26771	26225
	115	80.6/66.2	34077	33112	32148	31505	30862	31350	30463	29576	28984	28393	28592	27782	26973	26434	25894
	115	84.2/66.2	38860	37760	36660	35927	35194	35751	34739	33727	33053	32378	32605	31682	30759	30144	29529
	125	76/63	24232	23546	22860	22403	21946	22293	21662	21031	20611	20190	20331	19756	19181	18797	18413
	125	80/67	27380	26565	25830	25313	24797	25189	24476	23763	23288	22813	22973	22322	21672	21239	20805
	125	80.6/62.6	25825	25094	24363	23876	23388	23759	23086	22414	21966	21517	21668	21055	20441	20033	19624
	125	80.6/66.2	26810	26051	25292	24786	24280	24665	23967	23269	22803	22338	22494	21858	21221	20797	20372
	125	84.2/66.2	27845	27057	26269	25744	25218	25618	24892	24167	23684	23201	23363	22702	22041	21600	21159

Fan Speed			HI					Med					Low				
External Static Pressure in.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG45	95	76/63	3.584	3.542	3.500	3.472	3.444	3.484	3.442	3.402	3.374	3.347	3.386	3.346	3.306	3.280	3.254
	95	80/67	3.866	3.820	3.775	3.745	3.715	3.758	3.713	3.669	3.640	3.611	3.652	3.609	3.566	3.538	3.510
	95	80.6/62.6	3.557	3.515	3.474	3.446	3.418	3.458	3.417	3.376	3.349	3.322	3.361	3.321	3.282	3.255	3.229
	95	80.6/66.2	3.809	3.764	3.719	3.689	3.660	3.702	3.658	3.615	3.586	3.557	3.598	3.556	3.514	3.486	3.458
	95	84.2/66.2	3.809	3.764	3.719	3.689	3.660	3.702	3.658	3.615	3.586	3.557	3.598	3.556	3.514	3.486	3.458
	105	76/63	4.003	3.955	3.908	3.877	3.846	3.891	3.845	3.799	3.769	3.738	3.782	3.737	3.693	3.663	3.634
	105	80/67	4.318	4.266	4.216	4.182	4.149	4.197	4.147	4.098	4.065	4.032	4.079	4.031	3.983	3.951	3.920
	105	80.6/62.6	3.971	3.924	3.877	3.846	3.815	3.860	3.814	3.769	3.738	3.708	3.751	3.707	3.663	3.634	3.605
	105	80.6/66.2	4.254	4.203	4.154	4.120	4.087	4.135	4.086	4.037	4.005	3.973	4.019	3.971	3.924	3.893	3.862
	105	84.2/66.2	4.254	4.203	4.154	4.120	4.087	4.135	4.086	4.037	4.005	3.973	4.019	3.971	3.924	3.893	3.862
	115	76/63	4.422	4.369	4.317	4.283	4.249	4.298	4.247	4.196	4.163	4.130	4.177	4.128	4.079	4.046	4.014
	115	80/67	4.769	4.713	4.657	4.620	4.583	4.636	4.581	4.526	4.490	4.454	4.506	4.452	4.400	4.364	4.330
	115	80.6/62.6	4.384	4.332	4.281	4.246	4.212	4.261	4.211	4.161	4.127	4.094	4.142	4.093	4.044	4.012	3.980
	115	80.6/66.2	4.699	4.643	4.588	4.551	4.515	4.567	4.513	4.460	4.424	4.388	4.439	4.387	4.335	4.300	4.266
115	84.2/66.2	4.699	4.643	4.588	4.551	4.515	4.567	4.513	4.460	4.424	4.388	4.439	4.387	4.335	4.300	4.266	
125	76/63	4.642	4.587	4.533	4.497	4.461	4.512	4.459	4.406	4.371	4.336	4.386	4.334	4.283	4.248	4.214	
125	80/67	5.004	4.945	4.886	4.847	4.808	4.864	4.806	4.749	4.711	4.674	4.728	4.672	4.616	4.579	4.543	
125	80.6/62.6	4.605	4.550	4.496	4.460	4.425	4.476	4.423	4.370	4.335	4.301	4.351	4.299	4.248	4.214	4.180	
125	80.6/66.2	4.934	4.875	4.817	4.779	4.741	4.796	4.739	4.683	4.645	4.608	4.661	4.606	4.551	4.515	4.479	
125	84.2/66.2	4.934	4.875	4.817	4.779	4.741	4.796	4.739	4.683	4.645	4.608	4.661	4.606	4.551	4.515	4.479	

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 49K

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG49	95	76/63	47420	46078	44736	43841	42947	43627	42392	41157	40334	39511	39787	38661	37535	36785	36034
	95	80/67	50878	49438	47998	47038	46078	46808	45483	44158	43275	42392	42689	41480	40272	39467	38661
	95	80.6/62.6	47914	46558	45202	44298	43394	44081	42833	41586	40754	39922	40202	39064	37926	37168	36409
	95	80.6/66.2	49396	47998	46600	45668	44736	45444	44158	42872	42015	41157	41445	40272	39099	38317	37535
	95	84.2/66.2	49890	48478	47066	46125	45183	45899	44600	43301	42435	41569	41860	40675	39490	38700	37911
	105	76/63	44876	43606	42336	41489	40643	41286	40118	38949	38170	37391	37653	36587	35522	34811	34101
	105	80/67	48148	46786	45423	44515	43606	44297	43043	41789	40953	40118	40398	39255	38112	37349	36587
	105	80.6/62.6	45233	43953	42673	41820	40966	41615	40437	39259	38474	37689	37953	36878	35804	35088	34372
	105	80.6/66.2	46526	45209	43892	43014	42136	42803	41592	40381	39573	38765	39037	37932	36827	36091	35354
	105	84.2/66.2	46993	45663	44333	43446	42560	43234	42010	40786	39971	39155	39429	38313	37197	36453	35709
	115	76/63	42332	41134	39936	39137	38339	38946	37843	36741	36006	35271	35518	34513	33508	32838	32168
	115	80/67	45419	44133	42848	41991	41134	41785	40603	39420	38632	37843	38108	37030	35951	35232	34513
	115	80.6/62.6	42553	41348	40144	39341	38538	39148	38040	36932	36194	35455	35703	34693	33682	33009	32335
	115	80.6/66.2	43655	42420	41184	40360	39537	40163	39026	37889	37131	36374	36628	35592	34555	33864	33173
	115	84.2/66.2	44096	42848	41600	40768	39936	40568	39420	38272	37507	36741	36998	35951	34904	34206	33508
	125	76/63	34836	33850	32864	32207	31549	32049	31142	30235	29630	29025	29229	28401	27574	27023	26471
	125	80/67	40568	39420	38272	37507	36741	37323	36267	35210	34506	33802	34038	33075	32112	31470	30827
	125	80.6/62.6	34439	33464	32490	31840	31190	31684	30787	29890	29293	28695	28896	28078	27260	26715	26170
	125	80.6/66.2	38364	37278	36192	35468	34744	35294	34296	33297	32631	31965	32189	31278	30367	29759	29152
	125	84.2/66.2	39686	38563	37440	36691	35942	36511	35478	34445	33756	33067	33298	32356	31414	30785	30157

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG49	95	76/63	43660	42424	41188	40364	39541	40167	39030	37893	37135	36377	36632	35595	34559	33867	33176
	95	80/67	43480	42250	41019	40199	39379	40002	38870	37738	36983	36228	36482	35449	34417	33728	33040
	95	80.6/62.6	41984	40795	39607	38814	38022	38624	37531	36438	35709	34981	35225	34228	33231	32567	31902
	95	80.6/66.2	41953	40765	39578	38787	37995	38597	37504	36412	35684	34955	35200	34204	33208	32543	31879
	95	84.2/66.2	42372	41173	39974	39174	38375	38983	37879	36776	36040	35305	35552	34546	33540	32869	32198
	105	76/63	41655	40477	39298	38512	37726	38323	37238	36154	35431	34708	34951	33961	32972	32313	31653
	105	80/67	41357	40186	39016	38236	37455	38048	36971	35895	35177	34459	34700	33718	32736	32081	31426
	105	80.6/62.6	39398	38283	37168	36424	35681	36246	35220	34194	33510	32827	33056	32121	31185	30562	29938
	105	80.6/66.2	39151	38043	36934	36196	35457	36019	34999	33980	33300	32621	32849	31919	30990	30370	29750
	105	84.2/66.2	41911	40725	39539	38748	37957	38558	37467	36376	35648	34921	35165	34170	33175	32511	31848
	115	76/63	39651	38529	37407	36659	35911	36479	35447	34414	33726	33038	33269	32328	31386	30758	30131
	115	80/67	39233	38123	37013	36272	35532	36095	35073	34052	33371	32689	32918	31987	31055	30434	29813
	115	80.6/62.6	36813	35771	34729	34034	33340	33868	32909	31951	31312	30673	30887	30013	29139	28556	27973
	115	80.6/66.2	36348	35320	34291	33605	32919	33440	32494	31548	30917	30286	30498	29635	28771	28196	27621
	115	84.2/66.2	41450	40277	39104	38322	37540	38134	37055	35976	35256	34537	34778	33794	32810	32154	31497
	125	76/63	25847	25116	24384	23896	23409	23779	23106	22433	21985	21536	21687	21073	20459	20050	19641
	125	80/67	29205	28578	27552	27001	26450	26868	26108	25348	24841	24334	24504	23811	23117	22655	22192
	125	80.6/62.6	27546	26767	25987	25467	24948	25343	24625	23908	23430	22952	23112	22458	21804	21368	20932
	125	80.6/66.2	28597	27788	26978	26439	25899	26309	25565	24820	24324	23827	23994	23315	22636	22183	21730
	125	84.2/66.2	29701	28861	28020	27460	26899	27325	26552	25779	25263	24747	24921	24215	23510	23040	22570

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG49	95	76/63	3.774	3.729	3.685	3.655	3.626	3.668	3.625	3.582	3.553	3.525	3.566	3.523	3.481	3.454	3.426
	95	80/67	4.071	4.022	3.975	3.943	3.911	3.957	3.910	3.863	3.833	3.802	3.846	3.800	3.755	3.725	3.695
	95	80.6/62.6	3.746	3.701	3.658	3.628	3.599	3.641	3.598	3.555	3.527	3.498	3.539	3.497	3.456	3.428	3.401
	95	80.6/66.2	4.011	3.963	3.916	3.885	3.854	3.898	3.852	3.806	3.776	3.746	3.789	3.744	3.700	3.670	3.641
	95	84.2/66.2	4.011	3.963	3.916	3.885	3.854	3.898	3.852	3.806	3.776	3.746	3.789	3.744	3.700	3.670	3.641
	105	76/63	4.245	4.195	4.145	4.112	4.079	4.126	4.077	4.029	3.997	3.965	4.011	3.963	3.916	3.885	3.854
	105	80/67	4.579	4.525	4.471	4.435	4.400	4.451	4.398	4.346	4.311	4.277	4.326	4.275	4.224	4.190	4.157
	105	80.6/62.6	4.211	4.161	4.112	4.079	4.046	4.093	4.045	3.997	3.965	3.933	3.979	3.931	3.885	3.854	3.823
	105	80.6/66.2	4.511	4.458	4.405	4.370	4.335	4.385	4.333	4.282	4.247	4.213	4.262	4.212	4.162	4.128	4.095
	105	84.2/66.2	4.511	4.458	4.405	4.370	4.335	4.385	4.333	4.282	4.247	4.213	4.262	4.212	4.162	4.128	4.095
	115	76/63	4.716	4.661	4.605	4.568	4.532	4.584	4.530	4.476	4.440	4.405	4.456	4.403	4.351	4.316	4.282
	115	80/67	5.087	5.027	4.967	4.928	4.888	4.945	4.886	4.828	4.790	4.751	4.806	4.749	4.693	4.656	4.618
	115	80.6/62.6	4.676	4.621	4.566	4.530	4.493	4.545	4.492	4.438	4.403	4.368	4.418	4.366	4.314	4.279	4.245
	115	80.6/66.2	5.012	4.953	4.894	4.855	4.816	4.872	4.814	4.757	4.719	4.681	4.735	4.679	4.624	4.587	4.550
115	84.2/66.2	5.012	4.953	4.894	4.855	4.816	4.872	4.814	4.757	4.719	4.681	4.735	4.679	4.624	4.587	4.550	
125	76/63	4.952	4.893	4.835	4.797	4.758	4.813	4.756	4.700	4.662	4.625	4.679	4.623	4.568	4.532	4.495	
125	80/67	5.338	5.275	5.212	5.170	5.129	5.188	5.127	5.066	5.026	4.985	5.043	4.983	4.924	4.885	4.846	
125	80.6/62.6	4.912	4.854	4.796	4.758	4.720	4.774	4.718	4.662	4.625	4.588	4.641	4.586	4.531	4.495	4.459	
125	80.6/66.2	5.263	5.200	5.139	5.098	5.057	5.115	5.055	4.995	4.955	4.915	4.972	4.913	4.855	4.816	4.778	
125	84.2/66.2	5.263	5.200	5.139	5.098	5.057	5.115	5.055	4.995	4.955	4.915	4.972	4.913	4.855	4.816	4.778	

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 60K

Fan Speed			Hi					Med					Low				
External Static Pressure In.w.g			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG60	95	76/63	55968	54384	52800	51744	50688	51491	50033	48576	47604	46633	46959	45630	44301	43415	42529
	95	80/67	60049	58350	56650	55517	54384	55245	53682	52118	51076	50033	50384	48958	47532	46581	45630
	95	80.6/62.6	56551	54951	53350	52283	51216	52027	50554	49082	48100	47119	47449	46106	44763	43868	42972
	95	80.6/66.2	58300	56650	55000	53900	52800	53636	52118	50600	49588	48576	48916	47532	46147	45224	44301
	95	84.2/66.2	58883	57217	55550	54439	53328	54172	52639	51106	50084	49062	49405	48007	46609	45676	44744
	105	76/63	52915	51418	49920	48922	47923	48682	47304	45926	45008	44089	44398	43141	41885	41047	40209
	105	80/67	56774	55167	53560	52489	51418	52232	50753	49275	48290	47304	47635	46287	44939	44040	43141
	105	80.6/62.6	53337	51827	50318	49311	48305	49070	47681	46292	45366	44440	44751	43485	42218	41374	40530
	105	80.6/66.2	54860	53308	51755	50720	49685	50471	49043	47615	46662	45710	46030	44727	43425	42556	41688
	105	84.2/66.2	55412	53843	52275	51230	50184	50979	49536	48093	47131	46169	46492	45177	43861	42984	42106
	115	76/63	49862	48451	47040	46099	45158	45873	44575	43277	42411	41546	41837	40652	39468	38679	37890
	115	80/67	53498	51984	50470	49461	48451	49218	47825	46432	45504	44575	44887	43617	42346	41499	40652
	115	80.6/62.6	50122	48704	47285	46339	45394	46112	44807	43502	42632	41762	42054	40864	39674	38881	38087
	115	80.6/66.2	51421	49965	48510	47540	46570	47307	45968	44629	43737	42844	43144	41923	40702	39888	39074
	115	84.2/66.2	51940	50470	49000	48020	47040	47785	46432	45080	44178	43277	43580	42346	41113	40291	39468
	125	76/63	41033	39871	38710	37936	37162	37750	36682	35613	34901	34189	34428	33454	32479	31830	31180
	125	80/67	47785	46432	45080	44178	43277	43962	42718	41474	40644	39815	40093	38959	37824	37067	36311
	125	80.6/62.6	40565	39417	38269	37504	36738	37320	36264	35207	34503	33799	34036	33072	32109	31467	30825
	125	80.6/66.2	45188	43909	42630	41777	40925	41573	40396	39220	38435	37651	37914	36841	35768	35053	34338
	125	84.2/66.2	46746	45423	44100	43218	42336	43006	41789	40572	39761	38949	39222	38112	37002	36262	35522

Fan Speed			Hi					Med					Low				
External Static Pressure In.w.g			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG60	95	76/63	51529	50071	48613	47640	46668	47407	46065	44724	43829	42935	43235	42012	40788	39972	39156
	95	80/67	51318	49866	48413	47445	46477	47213	45876	44540	43649	42759	43058	41839	40621	39808	38996
	95	80.6/62.6	49551	48148	46746	45811	44876	45587	44296	43006	42146	41286	41575	40398	39222	38437	37653
	95	80.6/66.2	49515	48114	46712	45778	44844	45554	44265	42975	42116	41256	41545	40369	39194	38410	37626
	95	84.2/66.2	50010	48595	47179	46236	45292	46009	44707	43405	42537	41669	41961	40773	39585	38794	38002
	105	76/63	49117	47727	46337	45410	44483	45188	43909	42630	41777	40925	41211	40045	38879	38101	37323
	105	80/67	48765	47385	46005	45085	44165	44864	43594	42325	41478	40632	40916	39758	38600	37828	37056
	105	80.6/62.6	46456	45141	43826	42950	42073	42739	41530	40320	39514	38707	38978	37875	36772	36037	35301
	105	80.6/66.2	46165	44858	43552	42680	41809	42471	41269	40067	39266	38465	38734	37638	36541	35811	35080
	105	84.2/66.2	49417	48018	46620	45687	44755	45464	44177	42890	42032	41175	41463	40289	39116	38334	37551
	115	76/63	46705	45383	44061	43180	42299	42968	41752	40536	39726	38915	39187	38078	36969	36230	35490
	115	80/67	46212	44904	43597	42725	41853	42515	41312	40109	39307	38504	38774	37677	36579	35848	35116
	115	80.6/62.6	43361	42134	40907	40089	39270	39892	38763	37634	36881	36129	36382	35352	34322	33636	32949
	115	80.6/66.2	42814	41602	40391	39583	38775	39389	38274	37159	36416	35673	35923	34906	33889	33212	32534
	115	84.2/66.2	48824	47442	46060	45139	44218	44918	43646	42375	41528	40680	40965	39806	38646	37873	37100
	125	76/63	30445	29583	28722	28147	27573	28009	27217	26424	25896	25367	25545	24822	24099	23617	23135
	125	80/67	34400	33426	32453	31804	31155	31648	30752	29857	29259	28662	28863	28046	27229	26685	26140
	125	80.6/62.6	32446	31528	30610	29998	29385	29851	29006	28161	27598	27035	27224	26453	25683	25169	24655
	125	80.6/66.2	33684	32731	31777	31142	30506	30989	30112	29235	28650	28066	28262	27462	26662	26129	25596
	125	84.2/66.2	34985	33995	33005	32345	31684	32186	31275	30364	29757	29150	29354	28523	27692	27138	26585

Fan Speed			HI					Med					Low				
External Static Pressure In.w.g			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG60	95	76/63	4.454	4.401	4.349	4.315	4.280	4.330	4.278	4.228	4.194	4.160	4.208	4.158	4.109	4.076	4.044
	95	80/67	4.805	4.748	4.691	4.654	4.617	4.670	4.615	4.560	4.523	4.487	4.539	4.485	4.432	4.397	4.362
	95	80.6/62.6	4.421	4.369	4.317	4.282	4.248	4.297	4.246	4.196	4.163	4.129	4.177	4.128	4.079	4.046	4.014
	95	80.6/66.2	4.734	4.677	4.622	4.585	4.548	4.601	4.546	4.493	4.457	4.421	4.472	4.419	4.367	4.332	4.297
	95	84.2/66.2	4.734	4.677	4.622	4.585	4.548	4.601	4.546	4.493	4.457	4.421	4.472	4.419	4.367	4.332	4.297
	105	76/63	5.038	4.978	4.919	4.880	4.841	4.897	4.839	4.781	4.743	4.705	4.760	4.703	4.647	4.610	4.573
	105	80/67	5.434	5.370	5.306	5.263	5.221	5.282	5.219	5.157	5.116	5.075	5.134	5.073	5.013	4.973	4.933
	105	80.6/62.6	4.997	4.938	4.880	4.841	4.802	4.857	4.800	4.743	4.705	4.667	4.721	4.665	4.610	4.573	4.537
	105	80.6/66.2	5.354	5.290	5.228	5.186	5.144	5.204	5.142	5.081	5.040	5.000	5.058	4.998	4.939	4.899	4.860
	105	84.2/66.2	5.354	5.290	5.228	5.186	5.144	5.204	5.142	5.081	5.040	5.000	5.058	4.998	4.939	4.899	4.860
	115	76/63	5.621	5.555	5.489	5.445	5.401	5.464	5.399	5.335	5.292	5.250	5.311	5.248	5.186	5.144	5.103
	115	80/67	6.063	5.992	5.920	5.873	5.826	5.894	5.824	5.755	5.709	5.663	5.729	5.661	5.594	5.549	5.504
	115	80.6/62.6	5.574	5.507	5.442	5.399	5.355	5.418	5.353	5.290	5.247	5.206	5.266	5.203	5.142	5.101	5.060
	115	80.6/66.2	5.974	5.903	5.833	5.786	5.740	5.807	5.738	5.670	5.624	5.579	5.644	5.577	5.511	5.467	5.423
115	84.2/66.2	5.974	5.903	5.833	5.786	5.740	5.807	5.738	5.670	5.624	5.579	5.644	5.577	5.511	5.467	5.423	
125	76/63	5.902	5.832	5.763	5.717	5.671	5.737	5.669	5.602	5.557	5.512	5.576	5.510	5.445	5.401	5.358	
125	80/67	6.362	6.287	6.212	6.162	6.113	6.184	6.111	6.038	5.990	5.942	6.011	5.940	5.869	5.822	5.776	
125	80.6/62.6	5.854	5.785	5.716	5.671	5.625	5.690	5.623	5.556	5.512	5.468	5.531	5.466	5.401	5.358	5.315	
125	80.6/66.2	6.273	6.198	6.125	6.076	6.027	6.097	6.025	5.953	5.906	5.858	5.926	5.856	5.786	5.740	5.694	
125	84.2/66.2	6.273	6.198	6.125	6.076	6.027	6.097	6.025	5.953	5.906	5.858	5.926	5.856	5.786	5.740	5.694	

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

COOLING PERFORMANCE DATA - 70K

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Total Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG70	95	76/63	71232	69216	67200	65856	64512	65533	63679	61824	60588	59351	59766	58075	56383	55256	54128
	95	80/67	76426	74263	72100	70658	69216	70312	68322	66332	65005	63679	64124	62310	60495	59285	58075
	95	80.6/62.6	71974	69937	67900	66542	65184	66216	64342	62468	61219	59969	60389	58680	56971	55831	54692
	95	80.6/66.2	74200	72100	70000	68600	67200	68264	66332	64400	63112	61824	62257	60495	58733	57558	56383
	95	84.2/66.2	74942	72821	70700	69286	67872	68947	66995	65044	63743	62442	62879	61100	59320	58134	56947
	105	76/63	68179	66250	64320	63034	61747	62725	60950	59174	57991	56807	57205	55586	53967	52888	51808
	105	80/67	73151	71080	69010	67630	66250	67299	65394	63489	62219	60950	61376	59639	57902	56744	55586
	105	80.6/62.6	68720	66775	64830	63533	62237	63222	61433	59644	58451	57258	57659	56027	54395	53307	52219
	105	80.6/66.2	70681	68680	66680	65346	64013	65026	63186	61346	60119	58892	59304	57626	55947	54828	53709
	105	84.2/66.2	71391	69371	67350	66003	64656	65680	63821	61962	60723	59484	59900	58205	56509	55379	54249
	115	76/63	65126	63283	61440	60211	58982	59916	58221	56525	55394	54264	54644	53097	51551	50520	49489
	115	80/67	69875	67898	65920	64602	63283	64285	62466	60646	59433	58221	58628	56969	55310	54203	53097
	115	80.6/62.6	65466	63613	61760	60525	59290	60228	58524	56819	55683	54546	54928	53374	51819	50783	49746
	115	80.6/66.2	67162	65261	63360	62093	60826	61789	60040	58291	57125	55960	56351	54756	53162	52098	51035
	115	84.2/66.2	67840	65920	64000	62720	61440	62413	60646	58880	57702	56525	56920	55310	53699	52625	51551
	125	76/63	53594	52077	50560	49549	48538	49306	47911	46515	45585	44655	44967	43695	42422	41573	40725
	125	80/67	62413	60646	58880	57702	56525	57420	55795	54170	53086	52003	52367	50885	49403	48415	47427
	125	80.6/62.6	52983	51484	49984	48984	47985	48744	47365	45985	45066	44146	44455	43197	41939	41100	40261
	125	80.6/66.2	59021	57350	55680	54566	53453	54299	52762	51226	50201	49177	49521	48119	46718	45783	44849
	125	84.2/66.2	61056	59328	57600	56448	55296	56172	54582	52992	51932	50872	51228	49779	48329	47362	46396

Fan Speed			Hi					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Sensible Capacity BTUH														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG70	95	76/63	65583	63727	61871	60633	59396	60336	58629	56921	55783	54644	55027	53469	51912	50874	49836
	95	80/67	65314	63465	61617	60385	59152	60089	58388	56688	55554	54420	54801	53250	51699	50665	49631
	95	80.6/62.6	63065	61280	59495	58305	57115	58019	56377	54735	53641	52546	52914	51416	49919	48920	47922
	95	80.6/66.2	63019	61236	59452	58263	57074	57978	56337	54696	53602	52508	52876	51379	49883	48885	47887
	95	84.2/66.2	63649	61848	60047	58846	57645	58559	56900	55243	54138	53033	53404	51893	50382	49374	48366
	105	76/63	63293	61501	59710	58516	57322	58229	56581	54933	53835	52736	53105	51602	50099	49097	48095
	105	80/67	62836	61058	59280	58094	56908	57810	56173	54537	53447	52356	52722	51230	49738	48743	47749
	105	80.6/62.6	59850	58156	56462	55333	54203	55062	53503	51945	50906	49867	50216	48795	47374	46426	45479
	105	80.6/66.2	59470	57787	56104	54982	53859	54712	53164	51615	50583	49551	49898	48485	47073	46132	45190
	105	84.2/66.2	63710	61906	60103	58901	57699	58613	56954	55295	54189	53083	53455	51942	50429	49420	48412
	115	76/63	61002	59276	57549	56398	55247	56122	54534	52945	51886	50828	51183	49735	48286	47320	46355
	115	80/67	60359	58651	56942	55804	54665	55530	53959	52387	51339	50292	50644	49210	47777	46821	45866
	115	80.6/62.6	56635	55032	53429	52360	51292	52104	50629	49155	48172	47189	47519	46174	44829	43933	43036
	115	80.6/66.2	55920	54338	52755	51700	50645	51447	49991	48535	47564	46593	46920	45592	44264	43378	42493
	115	84.2/66.2	63770	61965	60160	58957	57754	58668	57008	55347	54240	53133	53505	51991	50477	49467	48458
	125	76/63	39765	38640	37514	36764	36014	36584	35548	34513	33823	33132	33364	32420	31476	30846	30217
	125	80/67	44931	43659	42387	41540	40692	41336	40166	38996	38216	37437	37699	36632	35565	34853	34142
	125	80.6/62.6	42379	41179	39980	39180	38381	38989	37885	36782	36046	35310	35558	34551	33545	32874	32203
	125	80.6/66.2	43995	42750	41505	40675	39845	40476	39330	38185	37421	36657	36914	35869	34824	34128	33431
	125	84.2/66.2	45695	44401	43108	42246	41384	42039	40849	39659	38866	38073	38340	37254	36169	35446	34723

Fan Speed			HI					Med					Low				
External Static Pressure In.wg			0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Model	Air On	Air On	Power Input (kW)														
	Condenser	Evaporator															
	(°F)	(°F)															
ESG70	95	76/63	6.023	5.952	5.881	5.834	5.788	5.855	5.785	5.717	5.671	5.625	5.691	5.623	5.557	5.512	5.468
	95	80/67	6.497	6.420	6.344	6.293	6.243	6.315	6.240	6.166	6.117	6.068	6.138	6.065	5.993	5.946	5.898
	95	80.6/62.6	5.978	5.908	5.838	5.791	5.744	5.811	5.742	5.674	5.629	5.584	5.648	5.581	5.515	5.471	5.427
	95	80.6/66.2	6.401	6.325	6.250	6.200	6.150	6.222	6.148	6.075	6.026	5.978	6.047	5.976	5.905	5.858	5.811
	95	84.2/66.2	6.401	6.325	6.250	6.200	6.150	6.222	6.148	6.075	6.026	5.978	6.047	5.976	5.905	5.858	5.811
	105	76/63	6.727	6.647	6.569	6.516	6.464	6.539	6.461	6.385	6.334	6.283	6.356	6.280	6.206	6.156	6.107
	105	80/67	7.256	7.170	7.085	7.029	6.972	7.053	6.969	6.887	6.832	6.777	6.856	6.774	6.694	6.640	6.587
	105	80.6/62.6	6.673	6.594	6.516	6.464	6.412	6.486	6.409	6.333	6.283	6.233	6.305	6.230	6.156	6.107	6.058
	105	80.6/66.2	7.149	7.064	6.981	6.925	6.869	6.949	6.866	6.785	6.731	6.677	6.754	6.674	6.595	6.542	6.490
	105	84.2/66.2	7.149	7.064	6.981	6.925	6.869	6.949	6.866	6.785	6.731	6.677	6.754	6.674	6.595	6.542	6.490
	115	76/63	7.431	7.343	7.256	7.198	7.140	7.223	7.138	7.053	6.996	6.940	7.021	6.938	6.855	6.801	6.746
	115	80/67	8.016	7.921	7.827	7.764	7.702	7.791	7.699	7.608	7.547	7.486	7.573	7.483	7.395	7.335	7.277
	115	80.6/62.6	7.368	7.281	7.194	7.137	7.080	7.162	7.077	6.993	6.937	6.881	6.961	6.879	6.797	6.743	6.689
	115	80.6/66.2	7.897	7.804	7.711	7.649	7.588	7.676	7.585	7.495	7.435	7.376	7.461	7.373	7.285	7.227	7.169
115	84.2/66.2	7.897	7.804	7.711	7.649	7.588	7.676	7.585	7.495	7.435	7.376	7.461	7.373	7.285	7.227	7.169	
125	76/63	7.802	7.710	7.618	7.558	7.497	7.584	7.494	7.405	7.346	7.287	7.372	7.284	7.198	7.140	7.083	
125	80/67	8.410	8.311	8.212	8.147	8.081	8.175	8.078	7.982	7.918	7.855	7.946	7.852	7.759	7.697	7.635	
125	80.6/62.6	7.739	7.647	7.557	7.496	7.436	7.523	7.433	7.345	7.286	7.228	7.312	7.225	7.140	7.082	7.026	
125	80.6/66.2	8.292	8.194	8.097	8.032	7.968	8.060	7.964	7.870	7.807	7.744	7.834	7.741	7.649	7.588	7.528	
125	84.2/66.2	8.292	8.194	8.097	8.032	7.968	8.060	7.964	7.870	7.807	7.744	7.834	7.741	7.649	7.588	7.528	

GALAXY SERIES DUCTED SPLIT - R410A

PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 18K

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	Total Capacity BTUH								
		Condenser	Evaporator									
		(°C)	(°C)									
1.50	18K	12°C/11°C	15	18697	18457	17774	17891	17661	17008	17306	17084	16451
		7°C/6°C	15	17978	17747	17090	17203	16982	16353	16640	16427	15819
		4°C/3°C	15	15640	15440	14869	14966	14774	14228	14477	14291	13762
		0°C/-1°C	15	14076	13896	13382	13470	13297	12805	13029	12862	12386
		-4°C/-6°C	15	11965	11811	11374	11449	11302	10884	11075	10933	10528
		-7°C/-8°C	15	9572	9449	9100	9159	9042	8707	8860	8746	8423
		12°C/11°C	18	18078	17846	17186	17299	17077	16445	16733	16519	15907
		7°C/6°C	18	17383	17160	16525	16634	16420	15813	16090	15883	15296
		4°C/3°C	18	15123	14929	14377	14471	14286	13757	13998	13818	13307
		0°C/-1°C	18	13611	13436	12939	13024	12857	12381	12598	12437	11976
		-4°C/-6°C	18	11569	11421	10998	11071	10928	10524	10709	10571	10180
		-7°C/-8°C	18	9255	9137	8799	8856	8743	8419	8567	8457	8144
		12°C/11°C	20	17383	17160	16525	16634	16420	15813	16090	15883	15296
		7°C/6°C	20	16715	16500	15890	15994	15789	15205	15471	15272	14707
		4°C/3°C	20	14542	14355	13824	13915	13736	13228	13460	13287	12795
		0°C/-1°C	20	13087	12920	12441	12523	12363	11905	12114	11958	11516
		-4°C/-6°C	20	11124	10982	10575	10645	10508	10119	10297	10165	9788
		-7°C/-8°C	20	8899	8785	8460	8516	8407	8095	8237	8132	7831
		12°C/11°C	22	15645	15444	14873	14970	14778	14231	14481	14295	13766
		7°C/6°C	22	15043	14850	14301	14395	14210	13684	13924	13745	13237
		4°C/3°C	22	13087	12920	12441	12523	12363	11905	12114	11958	11516
		0°C/-1°C	22	11779	11628	11197	11271	11126	10715	10902	10762	10364
		-4°C/-6°C	22	10012	9883	9518	9580	9457	9107	9267	9148	8810
		-7°C/-8°C	22	8010	7907	7614	7664	7566	7286	7414	7318	7048

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	Power input								
		Condenser	Evaporator									
		(°C)	(°C)									
1.50	18K	12°C/11°C	15	1.40	1.41	1.44	1.44	1.45	1.48	1.47	1.49	1.51
		7°C/6°C	15	1.31	1.32	1.35	1.35	1.36	1.39	1.38	1.39	1.42
		4°C/3°C	15	1.26	1.27	1.29	1.30	1.31	1.33	1.33	1.34	1.36
		0°C/-1°C	15	1.23	1.25	1.27	1.27	1.28	1.30	1.30	1.31	1.33
		-4°C/-6°C	15	1.18	1.20	1.22	1.22	1.23	1.25	1.25	1.26	1.28
		-7°C/-8°C	15	1.16	1.17	1.19	1.19	1.20	1.22	1.22	1.23	1.25
		12°C/11°C	18	1.43	1.44	1.47	1.47	1.48	1.51	1.50	1.52	1.54
		7°C/6°C	18	1.34	1.35	1.37	1.38	1.39	1.41	1.41	1.42	1.45
		4°C/3°C	18	1.29	1.30	1.32	1.32	1.33	1.36	1.35	1.37	1.39
		0°C/-1°C	18	1.26	1.27	1.29	1.30	1.31	1.33	1.33	1.34	1.36
		-4°C/-6°C	18	1.21	1.22	1.24	1.24	1.26	1.28	1.27	1.28	1.31
		-7°C/-8°C	18	1.18	1.19	1.21	1.21	1.22	1.24	1.24	1.25	1.27
		12°C/11°C	20	1.50	1.52	1.54	1.55	1.56	1.59	1.58	1.60	1.62
		7°C/6°C	20	1.41	1.42	1.45	1.45	1.46	1.49	1.48	1.50	1.52
		4°C/3°C	20	1.35	1.37	1.39	1.39	1.40	1.43	1.42	1.44	1.46
		0°C/-1°C	20	1.33	1.34	1.36	1.36	1.38	1.40	1.40	1.41	1.43
		-4°C/-6°C	20	1.27	1.28	1.31	1.31	1.32	1.34	1.34	1.35	1.37
		-7°C/-8°C	20	1.24	1.25	1.27	1.28	1.29	1.31	1.31	1.32	1.34
		12°C/11°C	22	1.58	1.59	1.62	1.62	1.64	1.67	1.66	1.68	1.71
		7°C/6°C	22	1.48	1.49	1.52	1.52	1.54	1.56	1.56	1.57	1.60
		4°C/3°C	22	1.42	1.43	1.46	1.46	1.47	1.50	1.50	1.51	1.53
		0°C/-1°C	22	1.39	1.40	1.43	1.43	1.45	1.47	1.47	1.48	1.50
		-4°C/-6°C	22	1.34	1.35	1.37	1.38	1.39	1.41	1.41	1.42	1.44
		-7°C/-8°C	22	1.30	1.31	1.34	1.34	1.35	1.38	1.37	1.38	1.41

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	COP								
		Condenser	Evaporator									
		(°C)	(°C)									
1.50	18K	12°C/11°C	15	3.91	3.83	3.63	3.64	3.56	3.37	3.44	3.37	3.19
		7°C/6°C	15	4.02	3.93	3.72	3.73	3.65	3.46	3.53	3.45	3.27
		4°C/3°C	15	3.64	3.56	3.37	3.38	3.31	3.14	3.20	3.13	2.96
		0°C/-1°C	15	3.34	3.27	3.10	3.11	3.04	2.88	2.94	2.88	2.72
		-4°C/-6°C	15	2.96	2.90	2.74	2.75	2.69	2.55	2.60	2.55	2.41
		-7°C/-8°C	15	2.43	2.38	2.25	2.26	2.21	2.09	2.14	2.09	1.98
		12°C/11°C	18	3.71	3.63	3.44	3.45	3.37	3.20	3.26	3.19	3.02
		7°C/6°C	18	3.81	3.72	3.53	3.54	3.46	3.28	3.35	3.27	3.10
		4°C/3°C	18	3.45	3.37	3.19	3.21	3.14	2.97	3.03	2.97	2.81
		0°C/-1°C	18	3.17	3.10	2.93	2.95	2.88	2.73	2.78	2.72	2.58
		-4°C/-6°C	18	2.80	2.74	2.60	2.61	2.55	2.42	2.47	2.41	2.28
		-7°C/-8°C	18	2.30	2.25	2.13	2.14	2.09	1.98	2.02	1.98	1.87
		12°C/11°C	20	3.39	3.31	3.14	3.15	3.08	2.92	2.98	2.91	2.76
		7°C/6°C	20	3.48	3.40	3.22	3.23	3.16	2.99	3.06	2.99	2.83
		4°C/3°C	20	3.15	3.08	2.92	2.93	2.87	2.71	2.77	2.71	2.57
		0°C/-1°C	20	2.89	2.83	2.68	2.69	2.63	2.49	2.54	2.49	2.36
		-4°C/-6°C	20	2.56	2.51	2.37	2.38	2.33	2.21	2.25	2.20	2.09
		-7°C/-8°C	20	2.10	2.06	1.95	1.95	1.91	1.81	1.85	1.81	1.71
		12°C/11°C	22	2.90	2.84	2.69	2.70	2.64	2.50	2.55	2.50	2.37
		7°C/6°C	22	2.98	2.91	2.76	2.77	2.71	2.57	2.62	2.56	2.43
		4°C/3°C	22	2.70	2.64	2.50	2.51	2.46	2.33	2.37	2.32	2.20
		0°C/-1°C	22	2.48	2.43	2.30	2.31	2.26	2.14	2.18	2.13	2.02
		-4°C/-6°C	22	2.20	2.15	2.03	2.04	2.00	1.89	1.93	1.89	1.79
		-7°C/-8°C	22	1.80	1.76	1.67	1.68	1.64	1.55	1.58	1.55	1.47

GALAXY SERIES DUCTED SPLIT - R410A

PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 24K

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	Total Capacity BTUH								
		Condenser	Evaporator									
		(°C)	(°C)									
2.00	24K	12°C/11°C	15	24362	24050	23160	23312	23013	22161	22550	22260	21437
		7°C/6°C	15	23425	23125	22269	22415	22128	21309	21683	21404	20612
		4°C/3°C	15	20380	20118	19374	19501	19251	18539	18864	18622	17933
		0°C/-1°C	15	18342	18107	17437	17551	17326	16685	16977	16760	16139
		-4°C/-6°C	15	15591	15391	14821	14919	14727	14182	14431	14246	13719
		-7°C/-8°C	15	12473	12313	11857	11935	11782	11346	11545	11396	10975
		12°C/11°C	18	23557	23254	22394	22541	22252	21429	21804	21524	20728
		7°C/6°C	18	22651	22360	21533	21674	21396	20604	20965	20696	19931
		4°C/3°C	18	19706	19453	18733	18857	18615	17926	18240	18006	17340
		0°C/-1°C	18	17735	17508	16860	16971	16753	16133	16416	16205	15606
		-4°C/-6°C	18	15075	14882	14331	14425	14240	13713	13954	13775	13265
		-7°C/-8°C	18	12060	11905	11465	11540	11392	10971	11163	11020	10612
		12°C/11°C	20	22651	22360	21533	21674	21396	20604	20965	20696	19931
		7°C/6°C	20	21780	21500	20705	20841	20573	19812	20159	19900	19164
		4°C/3°C	20	18948	18705	18013	18131	17899	17236	17538	17313	16673
		0°C/-1°C	20	17053	16835	16212	16318	16109	15513	15785	15582	15005
		-4°C/-6°C	20	14495	14309	13780	13870	13692	13186	13417	13245	12755
		-7°C/-8°C	20	11596	11447	11024	11096	10954	10549	10734	10596	10204
		12°C/11°C	22	20386	20124	19379	19507	19256	18544	18869	18627	17938
		7°C/6°C	22	19602	19350	18634	18757	18516	17831	18143	17910	17248
		4°C/3°C	22	17053	16835	16212	16318	16109	15513	15785	15582	15005
		0°C/-1°C	22	15348	15151	14590	14686	14498	13961	14206	14024	13505
		-4°C/-6°C	22	13046	12878	12402	12483	12323	11867	12075	11920	11479
		-7°C/-8°C	22	10437	10303	9922	9987	9859	9494	9660	9536	9183

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	Power Input								
		Condenser	Evaporator									
		(°C)	(°C)									
2.00	24K	12°C/11°C	15	1.82	1.84	1.87	1.88	1.89	1.93	1.92	1.94	1.97
		7°C/6°C	15	1.71	1.73	1.75	1.76	1.78	1.81	1.80	1.82	1.85
		4°C/3°C	15	1.64	1.66	1.68	1.69	1.70	1.73	1.73	1.74	1.77
		0°C/-1°C	15	1.61	1.62	1.65	1.66	1.67	1.70	1.69	1.71	1.74
		-4°C/-6°C	15	1.54	1.56	1.58	1.59	1.60	1.63	1.63	1.64	1.67
		-7°C/-8°C	15	1.51	1.52	1.54	1.55	1.56	1.59	1.58	1.60	1.63
		12°C/11°C	18	1.86	1.88	1.91	1.92	1.93	1.97	1.96	1.98	2.01
		7°C/6°C	18	1.74	1.76	1.79	1.80	1.81	1.84	1.84	1.85	1.88
		4°C/3°C	18	1.67	1.69	1.72	1.72	1.74	1.77	1.76	1.78	1.81
		0°C/-1°C	18	1.64	1.66	1.68	1.69	1.70	1.73	1.73	1.74	1.77
		-4°C/-6°C	18	1.58	1.59	1.62	1.62	1.64	1.66	1.66	1.67	1.70
		-7°C/-8°C	18	1.54	1.55	1.58	1.58	1.60	1.62	1.62	1.63	1.66
		12°C/11°C	20	1.96	1.98	2.01	2.02	2.03	2.07	2.06	2.08	2.12
		7°C/6°C	20	1.84	1.85	1.88	1.89	1.91	1.94	1.93	1.95	1.98
		4°C/3°C	20	1.76	1.78	1.81	1.81	1.83	1.86	1.86	1.87	1.90
		0°C/-1°C	20	1.73	1.74	1.77	1.78	1.79	1.82	1.82	1.84	1.87
		-4°C/-6°C	20	1.66	1.67	1.70	1.71	1.72	1.75	1.75	1.76	1.79
		-7°C/-8°C	20	1.62	1.63	1.66	1.66	1.68	1.71	1.70	1.72	1.75
		12°C/11°C	22	2.06	2.08	2.11	2.12	2.14	2.17	2.17	2.19	2.22
		7°C/6°C	22	1.93	1.95	1.98	1.98	2.00	2.04	2.03	2.05	2.08
		4°C/3°C	22	1.85	1.87	1.90	1.90	1.92	1.95	1.95	1.97	2.00
		0°C/-1°C	22	1.81	1.83	1.86	1.87	1.88	1.92	1.91	1.93	1.96
		-4°C/-6°C	22	1.74	1.76	1.79	1.79	1.81	1.84	1.83	1.85	1.88
		-7°C/-8°C	22	1.70	1.71	1.74	1.75	1.76	1.79	1.79	1.80	1.83

Fan Speed				Hi			Med			Low		
External Static Pressure in.wg				0	0.1	0.2	0	0.1	0.2	0	0.1	0.2
Nominal TR	Model	Air On	Air On	COP								
		Condenser	Evaporator									
		(°C)	(°C)									
2.00	24K	12°C/11°C	15	3.91	3.83	3.63	3.64	3.56	3.37	3.44	3.37	3.19
		7°C/6°C	15	4.02	3.93	3.72	3.73	3.65	3.46	3.53	3.45	3.27
		4°C/3°C	15	3.64	3.56	3.37	3.38	3.31	3.13	3.20	3.13	2.96
		0°C/-1°C	15	3.34	3.27	3.10	3.11	3.04	2.88	2.94	2.87	2.72
		-4°C/-6°C	15	2.96	2.89	2.74	2.75	2.69	2.55	2.60	2.55	2.41
		-7°C/-8°C	15	2.43	2.38	2.25	2.26	2.21	2.09	2.13	2.09	1.98
		12°C/11°C	18	3.71	3.63	3.44	3.45	3.37	3.19	3.26	3.19	3.02
		7°C/6°C	18	3.81	3.72	3.52	3.54	3.46	3.28	3.35	3.27	3.10
		4°C/3°C	18	3.45	3.37	3.19	3.21	3.14	2.97	3.03	2.97	2.81
		0°C/-1°C	18	3.17	3.10	2.93	2.95	2.88	2.73	2.78	2.72	2.58
		-4°C/-6°C	18	2.80	2.74	2.60	2.61	2.55	2.42	2.47	2.41	2.28
		-7°C/-8°C	18	2.30	2.25	2.13	2.14	2.09	1.98	2.02	1.98	1.87
		12°C/11°C	20	3.39	3.31	3.14	3.15	3.08	2.92	2.98	2.91	2.76
		7°C/6°C	20	3.48	3.40	3.22	3.23	3.16	2.99	3.06	2.99	2.83
		4°C/3°C	20	3.15	3.08	2.92	2.93	2.87	2.71	2.77	2.71	2.57
		0°C/-1°C	20	2.89	2.83	2.68	2.69	2.63	2.49	2.54	2.49	2.36
		-4°C/-6°C	20	2.56	2.51	2.37	2.38	2.33	2.21	2.25	2.20	2.09
		-7°C/-8°C	20	2.10	2.06	1.95	1.95	1.91	1.81	1.85	1.81	1.71
		12°C/11°C	22	2.90	2.84	2.69	2.70	2.64	2.50	2.55	2.50	2.37
		7°C/6°C	22	2.98	2.91	2.76	2.77	2.71	2.57	2.62	2.56	2.43
		4°C/3°C	22	2.70	2.64	2.50	2.51	2.46	2.33	2.37	2.32	2.20
		0°C/-1°C	22	2.48	2.43	2.30	2.31	2.26	2.14	2.18	2.13	2.02
		-4°C/-6°C	22	2.20	2.15	2.03	2.04	2.00	1.89	1.93	1.89	1.79
		-7°C/-8°C	22	1.80	1.76	1.67	1.68	1.64	1.55	1.58	1.55	1.47

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 30K

Fan Speed				HI							Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4		
Nominal TR	Model	Air On	Air On	Total Capacity BTUH																
		Condenser	Evaporator																	
		(°C)	(°C)																	
2.50	30K	12°C/11°C	15	30457	30028	29643	27926	27144	29144	28734	28365	26722	25974	28191	27794	27437	25849	25125		
		7°C/6°C	15	29286	28873	28503	26852	26100	28023	27628	27274	25695	24975	27107	26725	26382	24854	24159		
		4°C/3°C	15	25479	25120	24797	23361	22707	24380	24037	23728	22354	21728	23583	23251	22952	21623	21018		
		0°C/-1°C	15	22931	22608	22317	21025	20437	21942	21633	21355	20119	19556	21225	20926	20657	19461	18916		
		-4°C/-6°C	15	19491	19216	18970	17872	17371	18651	18388	18152	17101	16622	18041	17787	17559	16542	16079		
		-7°C/-8°C	15	15593	15373	15176	14297	13897	14921	14710	14522	13681	13298	14433	14229	14047	13234	12863		
		12°C/11°C	18	29450	29035	28662	27003	26247	28181	27783	27427	25839	25115	27259	26875	26530	24994	24294		
		7°C/6°C	18	28318	27918	27560	25964	25237	27097	26715	26372	24845	24149	26211	25841	25510	24033	23360		
		4°C/3°C	18	24636	24289	23977	22589	21956	23574	23242	22944	21615	21010	22803	22482	22193	20908	20323		
		0°C/-1°C	18	22173	21860	21579	20330	19761	21217	20918	20649	19454	18909	20523	20234	19974	18817	18291		
		-4°C/-6°C	18	18847	18581	18343	17281	16797	18034	17780	17552	16536	16073	17445	17199	16978	15995	15547		
		-7°C/-8°C	18	15077	14865	14674	13824	13437	14427	14224	14041	13228	12858	13956	13759	13582	12796	12438		
		12°C/11°C	20	28318	27918	27560	25964	25237	27097	26715	26372	24845	24149	26211	25841	25510	24033	23360		
		7°C/6°C	20	27228	26845	26500	24966	24267	26055	25687	25358	23889	23220	25203	24847	24528	23108	22461		
		4°C/3°C	20	23689	23355	23055	21720	21112	22667	22348	22061	20784	20202	21926	21617	21340	20104	19541		
		0°C/-1°C	20	21320	21019	20750	19548	19001	20401	20113	19855	18705	18182	19734	19455	19206	18094	17587		
		-4°C/-6°C	20	18122	17866	17637	16616	16151	17341	17096	16877	15900	15454	16774	16537	16325	15380	14949		
		-7°C/-8°C	20	14497	14293	14110	13293	12921	13872	13677	13501	12720	12364	13419	13230	13060	12304	11959		
		12°C/11°C	22	25486	25126	24804	23368	22714	24387	24043	23735	22360	21734	23590	23257	22959	21629	21024		
		7°C/6°C	22	24506	24160	23850	22469	21840	23449	23119	22822	21500	20898	22682	22363	22076	20797	20215		
		4°C/3°C	22	21320	21019	20750	19548	19001	20401	20113	19855	18705	18182	19734	19455	19206	18094	17587		
		0°C/-1°C	22	19188	18917	18675	17593	17101	18361	18102	17869	16835	16363	17760	17510	17285	16284	15828		
		-4°C/-6°C	22	16310	16080	15873	14954	14536	15607	15387	15189	14310	13909	15096	14883	14692	13842	13454		
		-7°C/-8°C	22	13048	12864	12699	11963	11628	12485	12309	12151	11448	11127	12077	11907	11754	11073	10763		

Fan Speed				HI						Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	
Nominal TR	Model	Air On	Air On	Power Input															
		Condenser (°C)	Evaporator (°C)																
2.50	30K	12°C/11°C	15	2.16	2.18	2.20	2.26	2.32	2.22	2.24	2.27	2.32	2.39	2.27	2.29	2.32	2.37	2.44	
		7°C/6°C	15	2.02	2.04	2.07	2.11	2.17	2.08	2.10	2.13	2.17	2.24	2.13	2.15	2.17	2.22	2.29	
		4°C/3°C	15	1.94	1.96	1.98	2.03	2.09	2.00	2.02	2.04	2.09	2.15	2.05	2.06	2.09	2.14	2.20	
		0°C/-1°C	15	1.90	1.92	1.94	1.99	2.04	1.96	1.98	2.00	2.05	2.10	2.01	2.02	2.05	2.09	2.15	
		-4°C/-6°C	15	1.83	1.85	1.87	1.91	1.96	1.88	1.90	1.92	1.96	2.02	1.93	1.94	1.96	2.01	2.07	
		-7°C/-8°C	15	1.78	1.80	1.82	1.86	1.91	1.83	1.85	1.87	1.92	1.97	1.88	1.89	1.92	1.96	2.01	
		12°C/11°C	18	2.20	2.22	2.25	2.30	2.37	2.27	2.29	2.31	2.37	2.43	2.32	2.34	2.37	2.42	2.49	
		7°C/6°C	18	2.07	2.08	2.11	2.16	2.22	2.13	2.15	2.17	2.22	2.28	2.17	2.19	2.22	2.27	2.33	
		4°C/3°C	18	1.98	2.00	2.02	2.07	2.13	2.04	2.06	2.08	2.13	2.19	2.09	2.11	2.13	2.18	2.24	
		0°C/-1°C	18	1.94	1.96	1.98	2.03	2.09	2.00	2.02	2.04	2.09	2.15	2.05	2.06	2.09	2.14	2.20	
		-4°C/-6°C	18	1.87	1.88	1.90	1.95	2.00	1.92	1.94	1.96	2.00	2.06	1.96	1.98	2.00	2.05	2.11	
		-7°C/-8°C	18	1.82	1.84	1.86	1.90	1.95	1.87	1.89	1.91	1.95	2.01	1.92	1.93	1.95	2.00	2.06	
		12°C/11°C	20	2.32	2.34	2.37	2.42	2.49	2.39	2.41	2.44	2.49	2.56	2.44	2.46	2.49	2.55	2.62	
		7°C/6°C	20	2.17	2.19	2.22	2.27	2.33	2.24	2.26	2.28	2.34	2.40	2.29	2.31	2.34	2.39	2.46	
		4°C/3°C	20	2.09	2.11	2.13	2.18	2.24	2.15	2.17	2.19	2.24	2.31	2.20	2.22	2.24	2.29	2.36	
		0°C/-1°C	20	2.05	2.06	2.09	2.14	2.20	2.11	2.12	2.15	2.20	2.26	2.15	2.17	2.20	2.25	2.31	
		-4°C/-6°C	20	1.96	1.98	2.00	2.05	2.11	2.02	2.04	2.06	2.11	2.17	2.07	2.09	2.11	2.16	2.22	
		-7°C/-8°C	20	1.92	1.93	1.95	2.00	2.05	1.97	1.99	2.01	2.06	2.11	2.02	2.03	2.06	2.10	2.16	
		12°C/11°C	22	2.44	2.46	2.49	2.54	2.61	2.51	2.53	2.56	2.62	2.69	2.56	2.59	2.62	2.68	2.75	
		7°C/6°C	22	2.28	2.30	2.33	2.38	2.45	2.35	2.37	2.40	2.45	2.52	2.40	2.43	2.45	2.51	2.58	
		4°C/3°C	22	2.19	2.21	2.24	2.29	2.35	2.26	2.28	2.30	2.35	2.42	2.31	2.33	2.35	2.41	2.48	
		0°C/-1°C	22	2.15	2.17	2.19	2.24	2.31	2.21	2.23	2.26	2.31	2.37	2.26	2.28	2.31	2.36	2.43	
		-4°C/-6°C	22	2.06	2.08	2.10	2.15	2.21	2.12	2.14	2.17	2.22	2.28	2.17	2.19	2.22	2.27	2.33	
		-7°C/-8°C	22	2.01	2.03	2.05	2.10	2.16	2.07	2.09	2.11	2.16	2.22	2.12	2.14	2.16	2.21	2.27	

Fan Speed				HI						Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	
Nominal TR	Model	Air On	Air On	COP															
		Condenser (°C)	Evaporator (°C)																
2.50	30K	12°C/11°C	15	4.13	4.04	3.94	3.63	3.43	3.84	3.75	3.66	3.38	3.19	3.63	3.55	3.47	3.19	3.02	
		7°C/6°C	15	4.24	4.14	4.04	3.72	3.52	3.94	3.85	3.76	3.46	3.27	3.73	3.64	3.56	3.27	3.10	
		4°C/3°C	15	3.84	3.75	3.66	3.37	3.19	3.57	3.49	3.41	3.14	2.97	3.38	3.30	3.22	2.97	2.81	
		0°C/-1°C	15	3.53	3.45	3.37	3.10	2.93	3.28	3.21	3.13	2.88	2.72	3.10	3.03	2.96	2.73	2.58	
		-4°C/-6°C	15	3.12	3.05	2.98	2.74	2.59	2.90	2.84	2.77	2.55	2.41	2.75	2.68	2.62	2.41	2.28	
		-7°C/-8°C	15	2.56	2.50	2.44	2.25	2.13	2.38	2.33	2.27	2.09	1.98	2.25	2.20	2.15	1.98	1.87	
		12°C/11°C	18	3.92	3.83	3.73	3.44	3.25	3.64	3.56	3.47	3.20	3.02	3.44	3.36	3.28	3.02	2.86	
		7°C/6°C	18	4.02	3.92	3.83	3.53	3.34	3.74	3.65	3.56	3.28	3.10	3.53	3.45	3.37	3.10	2.93	
		4°C/3°C	18	3.64	3.56	3.47	3.20	3.02	3.39	3.31	3.23	2.97	2.81	3.20	3.13	3.05	2.81	2.66	
		0°C/-1°C	18	3.34	3.27	3.19	2.94	2.78	3.11	3.04	2.97	2.73	2.58	2.94	2.87	2.80	2.58	2.44	
		-4°C/-6°C	18	2.96	2.89	2.82	2.60	2.46	2.75	2.69	2.63	2.42	2.29	2.60	2.54	2.48	2.29	2.16	
		-7°C/-8°C	18	2.43	2.37	2.32	2.13	2.02	2.26	2.21	2.15	1.98	1.88	2.14	2.09	2.04	1.88	1.77	
		12°C/11°C	20	3.58	3.49	3.41	3.14	2.97	3.33	3.25	3.17	2.92	2.76	3.14	3.07	3.00	2.76	2.61	
		7°C/6°C	20	3.67	3.58	3.50	3.22	3.05	3.41	3.33	3.25	3.00	2.83	3.23	3.15	3.08	2.83	2.68	
		4°C/3°C	20	3.33	3.25	3.17	2.92	2.76	3.09	3.02	2.95	2.72	2.57	2.92	2.86	2.79	2.57	2.43	
		0°C/-1°C	20	3.05	2.98	2.91	2.68	2.54	2.84	2.77	2.71	2.49	2.36	2.69	2.62	2.56	2.36	2.23	
		-4°C/-6°C	20	2.70	2.64	2.58	2.38	2.25	2.51	2.46	2.40	2.21	2.09	2.38	2.32	2.27	2.09	1.97	
		-7°C/-8°C	20	2.22	2.17	2.12	1.95	1.84	2.06	2.02	1.97	1.81	1.71	1.95	1.91	1.86	1.71	1.62	
		12°C/11°C	22	3.07	2.99	2.92	2.69	2.55	2.85	2.79	2.72	2.50	2.37	2.70	2.63	2.57	2.37	2.24	
		7°C/6°C	22	3.14	3.07	3.00	2.76	2.61	2.92	2.86	2.79	2.57	2.43	2.77	2.70	2.64	2.43	2.30	
4°C/3°C	22	2.85	2.78	2.72	2.50	2.37	2.65	2.59	2.53	2.33	2.20	2.51	2.45	2.39	2.20	2.08			
0°C/-1°C	22	2.62	2.56	2.50	2.30	2.17	2.43	2.38	2.32	2.14	2.02	2.30	2.25	2.20	2.02	1.91			
-4°C/-6°C	22	2.32	2.26	2.21	2.04	1.92	2.16	2.11	2.06	1.89	1.79	2.04	1.99	1.94	1.79	1.69			
-7°C/-8°C	22	1.90	1.86	1.81	1.67	1.58	1.77	1.73	1.69	1.55	1.47	1.67	1.63	1.59	1.47	1.39			

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 37K

Fan Speed				HI					Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	Total Capacity BTUH														
		Condenser (°C)	Evaporator (°C)															
3.00	37K	12°C/11°C	15	35170	34674	34229	32247	31344	33654	33179	32753	30857	29993	32553	32094	31682	29848	29012
		7°C/6°C	15	33817	33340	32912	31007	30139	32359	31903	31494	29670	28839	31301	30860	30464	28700	27896
		4°C/3°C	15	29421	29006	28634	26976	26221	28152	27756	27399	25813	25090	27232	26848	26503	24969	24270
		0°C/-1°C	15	26479	26105	25770	24278	23598	25337	24980	24659	23232	22581	24509	24163	23853	22472	21843
		-4°C/-6°C	15	22507	22190	21905	20637	20059	21537	21233	20961	19747	19194	20832	20539	20275	19101	18566
		-7°C/-8°C	15	18006	17752	17524	16509	16047	17229	16986	16768	15798	15355	16666	16431	16220	15281	14853
		12°C/11°C	18	34007	33527	33097	31181	30308	32541	32082	31670	29836	29001	31477	31033	30635	28861	28053
		7°C/6°C	18	32699	32238	31824	29981	29142	31289	30848	30452	28689	27886	30266	29839	29456	27751	26974
		4°C/3°C	18	28448	28047	27687	26084	25353	27221	26838	26493	24959	24260	26331	25960	25627	24143	23467
		0°C/-1°C	18	25603	25242	24918	23475	22818	24499	24154	23844	22463	21834	23698	23364	23064	21729	21120
		-4°C/-6°C	18	21763	21456	21180	19954	19395	20824	20531	20267	19094	18559	20144	19860	19605	18470	17952
		-7°C/-8°C	18	17410	17165	16944	15963	15516	16660	16425	16214	15275	14847	16115	15888	15684	14776	14362
		12°C/11°C	20	32699	32238	31824	29981	29142	31289	30848	30452	28689	27886	30266	29839	29456	27751	26974
		7°C/6°C	20	31441	30998	30600	28828	28021	30086	29661	29281	27585	26813	29102	28692	28323	26683	25936
		4°C/3°C	20	27354	26968	26622	25081	24378	26175	25805	25474	23999	23327	25319	24962	24641	23215	22565
		0°C/-1°C	20	24618	24271	23960	22573	21940	23557	23225	22927	21599	20995	22787	22466	22177	20893	20308
		-4°C/-6°C	20	20926	20631	20366	19187	18649	20024	19741	19488	18360	17845	19369	19096	18851	17759	17262
		-7°C/-8°C	20	16740	16504	16293	15349	14920	16019	15793	15590	14688	14276	15495	15277	15081	14207	13810
		12°C/11°C	22	29429	29014	28642	26983	26228	28160	27763	27407	25820	25097	27239	26855	26511	24976	24276
		7°C/6°C	22	28297	27898	27540	25945	25219	27077	26695	26353	24827	24132	26192	25822	25491	24015	23343
		4°C/3°C	22	24618	24271	23960	22573	21940	23557	23225	22927	21599	20995	22787	22466	22177	20893	20308
		0°C/-1°C	22	22157	21844	21564	20315	19746	21201	20902	20634	19439	18895	20508	20219	19959	18804	18277
		-4°C/-6°C	22	18833	18568	18329	17268	16784	18021	17767	17539	16524	16061	17432	17186	16966	15983	15536
		-7°C/-8°C	22	15066	14854	14663	13814	13428	14417	14214	14031	13219	12849	13946	13749	13572	12787	12429

Fan Speed				Hi					Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	Power Input														
		Condenser (°C)	Evaporator (°C)															
3.00	37K	12°C/11°C	15	2.49	2.52	2.55	2.60	2.68	2.57	2.59	2.62	2.68	2.75	2.63	2.65	2.68	2.74	2.82
		7°C/6°C	15	2.34	2.36	2.39	2.44	2.51	2.41	2.43	2.45	2.51	2.58	2.46	2.48	2.51	2.57	2.64
		4°C/3°C	15	2.24	2.26	2.29	2.34	2.41	2.31	2.33	2.36	2.41	2.48	2.36	2.38	2.41	2.47	2.53
		0°C/-1°C	15	2.20	2.22	2.24	2.30	2.36	2.26	2.28	2.31	2.36	2.43	2.32	2.34	2.36	2.42	2.48
		-4°C/-6°C	15	2.11	2.13	2.15	2.20	2.27	2.17	2.19	2.22	2.27	2.33	2.22	2.24	2.27	2.32	2.38
		-7°C/-8°C	15	2.06	2.08	2.10	2.15	2.21	2.12	2.14	2.16	2.21	2.27	2.17	2.19	2.21	2.26	2.33
		12°C/11°C	18	2.55	2.57	2.60	2.66	2.73	2.62	2.64	2.67	2.73	2.81	2.68	2.70	2.73	2.80	2.87
		7°C/6°C	18	2.39	2.41	2.43	2.49	2.56	2.45	2.48	2.50	2.56	2.63	2.51	2.53	2.56	2.62	2.69
		4°C/3°C	18	2.29	2.31	2.34	2.39	2.46	2.36	2.38	2.40	2.46	2.53	2.41	2.43	2.46	2.52	2.59
		0°C/-1°C	18	2.24	2.26	2.29	2.34	2.41	2.31	2.33	2.36	2.41	2.48	2.36	2.38	2.41	2.47	2.53
		-4°C/-6°C	18	2.15	2.17	2.20	2.25	2.31	2.22	2.24	2.26	2.31	2.38	2.27	2.29	2.31	2.37	2.43
		-7°C/-8°C	18	2.10	2.12	2.14	2.19	2.25	2.16	2.18	2.21	2.26	2.32	2.21	2.23	2.26	2.31	2.37
		12°C/11°C	20	2.68	2.70	2.73	2.80	2.87	2.76	2.78	2.81	2.88	2.96	2.82	2.85	2.88	2.94	3.03
		7°C/6°C	20	2.51	2.53	2.56	2.62	2.69	2.58	2.61	2.64	2.70	2.77	2.64	2.67	2.70	2.76	2.84
		4°C/3°C	20	2.41	2.43	2.46	2.52	2.59	2.48	2.50	2.53	2.59	2.66	2.54	2.56	2.59	2.65	2.72
		0°C/-1°C	20	2.36	2.38	2.41	2.47	2.53	2.43	2.45	2.48	2.54	2.61	2.49	2.51	2.54	2.60	2.67
		-4°C/-6°C	20	2.27	2.29	2.31	2.37	2.43	2.33	2.35	2.38	2.44	2.50	2.39	2.41	2.44	2.49	2.56
		-7°C/-8°C	20	2.21	2.23	2.26	2.31	2.37	2.28	2.30	2.32	2.37	2.44	2.33	2.35	2.37	2.43	2.50
		12°C/11°C	22	2.81	2.84	2.87	2.94	3.02	2.89	2.92	2.95	3.02	3.11	2.96	2.99	3.02	3.09	3.18
		7°C/6°C	22	2.64	2.66	2.69	2.75	2.83	2.71	2.74	2.77	2.83	2.91	2.78	2.80	2.83	2.90	2.98
		4°C/3°C	22	2.53	2.55	2.58	2.64	2.72	2.60	2.63	2.66	2.72	2.79	2.66	2.69	2.72	2.78	2.86
		0°C/-1°C	22	2.48	2.50	2.53	2.59	2.66	2.55	2.58	2.60	2.66	2.74	2.61	2.63	2.66	2.73	2.80
		-4°C/-6°C	22	2.38	2.40	2.43	2.49	2.56	2.45	2.47	2.50	2.56	2.63	2.51	2.53	2.56	2.62	2.69
		-7°C/-8°C	22	2.32	2.34	2.37	2.42	2.49	2.39	2.41	2.44	2.49	2.56	2.44	2.47	2.49	2.55	2.62

Fan Speed				HI					Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	COP														
		Condenser	Evaporator															
		(°C)	(°C)															
3.00	37K	12°C/11°C	15	4.13	4.04	3.94	3.63	3.43	3.84	3.75	3.67	3.38	3.19	3.63	3.55	3.47	3.19	3.02
		7°C/6°C	15	4.24	4.14	4.04	3.72	3.52	3.94	3.85	3.76	3.46	3.27	3.73	3.64	3.56	3.27	3.10
		4°C/3°C	15	3.84	3.75	3.66	3.37	3.19	3.57	3.49	3.41	3.14	2.97	3.38	3.30	3.22	2.97	2.81
		0°C/-1°C	15	3.53	3.45	3.37	3.10	2.93	3.28	3.21	3.13	2.88	2.73	3.10	3.03	2.96	2.73	2.58
		-4°C/-6°C	15	3.12	3.05	2.98	2.74	2.59	2.91	2.84	2.77	2.55	2.41	2.75	2.68	2.62	2.41	2.28
		-7°C/-8°C	15	2.56	2.50	2.45	2.25	2.13	2.38	2.33	2.27	2.09	1.98	2.25	2.20	2.15	1.98	1.87
		12°C/11°C	18	3.92	3.83	3.74	3.44	3.25	3.64	3.56	3.47	3.20	3.02	3.44	3.36	3.28	3.02	2.86
		7°C/6°C	18	4.02	3.92	3.83	3.53	3.34	3.74	3.65	3.56	3.28	3.10	3.53	3.45	3.37	3.10	2.93
		4°C/3°C	18	3.64	3.56	3.47	3.20	3.02	3.39	3.31	3.23	2.97	2.81	3.20	3.13	3.05	2.81	2.66
		0°C/-1°C	18	3.34	3.27	3.19	2.94	2.78	3.11	3.04	2.97	2.73	2.58	2.94	2.87	2.80	2.58	2.44
		-4°C/-6°C	18	2.96	2.89	2.82	2.60	2.46	2.75	2.69	2.63	2.42	2.29	2.60	2.54	2.48	2.29	2.16
		-7°C/-8°C	18	2.43	2.37	2.32	2.13	2.02	2.26	2.21	2.15	1.98	1.88	2.14	2.09	2.04	1.88	1.77
		12°C/11°C	20	3.58	3.49	3.41	3.14	2.97	3.33	3.25	3.17	2.92	2.76	3.15	3.07	3.00	2.76	2.61
		7°C/6°C	20	3.67	3.59	3.50	3.22	3.05	3.41	3.33	3.26	3.00	2.83	3.23	3.15	3.08	2.83	2.68
		4°C/3°C	20	3.33	3.25	3.17	2.92	2.76	3.09	3.02	2.95	2.72	2.57	2.92	2.86	2.79	2.57	2.43
		0°C/-1°C	20	3.05	2.98	2.91	2.68	2.54	2.84	2.77	2.71	2.49	2.36	2.69	2.62	2.56	2.36	2.23
		-4°C/-6°C	20	2.70	2.64	2.58	2.38	2.25	2.51	2.46	2.40	2.21	2.09	2.38	2.32	2.27	2.09	1.97
		-7°C/-8°C	20	2.22	2.17	2.12	1.95	1.84	2.06	2.02	1.97	1.81	1.71	1.95	1.91	1.86	1.71	1.62
		12°C/11°C	22	3.07	3.00	2.92	2.69	2.55	2.85	2.79	2.72	2.50	2.37	2.70	2.63	2.57	2.37	2.24
		7°C/6°C	22	3.15	3.07	3.00	2.76	2.61	2.92	2.86	2.79	2.57	2.43	2.77	2.70	2.64	2.43	2.30
4°C/3°C	22	2.85	2.79	2.72	2.50	2.37	2.65	2.59	2.53	2.33	2.20	2.51	2.45	2.39	2.20	2.08		
0°C/-1°C	22	2.62	2.56	2.50	2.30	2.17	2.43	2.38	2.32	2.14	2.02	2.30	2.25	2.20	2.02	1.91		
-4°C/-6°C	22	2.32	2.26	2.21	2.04	1.93	2.16	2.11	2.06	1.89	1.79	2.04	1.99	1.94	1.79	1.69		
-7°C/-8°C	22	1.90	1.86	1.81	1.67	1.58	1.77	1.73	1.69	1.55	1.47	1.67	1.63	1.60	1.47	1.39		

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 45K

Fan Speed				HI							Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4		
Nominal TR	Model	Air On	Air On	Total Capacity BTUH																
		Condenser (°C)	Evaporator (°C)																	
4.00	45K	12°C/11°C	15	48272	47592	46981	44261	43021	46191	45540	44955	42353	41167	44681	44051	43485	40968	39821		
		7°C/6°C	15	46416	45761	45174	42558	41367	44415	43788	43226	40724	39583	42962	42357	41813	39392	38289		
		4°C/3°C	15	40381	39812	39301	37026	35989	38641	38096	37607	35430	34438	37377	36850	36377	34271	33311		
		0°C/-1°C	15	36343	35831	35371	33323	32390	34777	34286	33846	31887	30994	33639	33165	32740	30844	29980		
		-4°C/-6°C	15	30892	30456	30065	28325	27532	29560	29143	28769	27104	26345	28594	28190	27829	26217	25483		
		-7°C/-8°C	15	24713	24365	24052	22660	22025	23648	23315	23015	21683	21076	22875	22552	22263	20974	20387		
		12°C/11°C	18	46676	46018	45427	42797	41599	44664	44034	43469	40952	39805	43203	42594	42047	39613	38504		
		7°C/6°C	18	44881	44248	43680	41151	39999	42946	42340	41797	39377	38274	41541	40956	40430	38089	37023		
		4°C/3°C	18	39046	38496	38002	35801	34799	37363	36836	36363	34258	33299	36141	35632	35174	33138	32210		
		0°C/-1°C	18	35141	34646	34201	32221	31319	33627	33152	32727	30832	29969	32527	32068	31657	29824	28989		
		-4°C/-6°C	18	29870	29449	29071	27388	26621	28583	28180	27818	26207	25473	27648	27258	26908	25350	24641		
		-7°C/-8°C	18	23896	23559	23257	21910	21297	22866	22544	22254	20966	20379	22118	21807	21527	20280	19712		
		12°C/11°C	20	44881	44248	43680	41151	39999	42946	42340	41797	39377	38274	41541	40956	40430	38089	37023		
		7°C/6°C	20	43154	42546	42000	39568	38460	41294	40712	40189	37862	36802	39944	39381	38875	36624	35599		
		4°C/3°C	20	37544	37015	36540	34424	33460	35926	35419	34965	32940	32018	34751	34261	33821	31863	30971		
		0°C/-1°C	20	33790	33314	32886	30982	30114	32333	31877	31468	29646	28816	31276	30835	30439	28677	27874		
		-4°C/-6°C	20	28721	28316	27953	26335	25597	27483	27096	26748	25199	24494	26585	26210	25873	24375	23693		
		-7°C/-8°C	20	22977	22653	22362	21068	20478	21987	21677	21398	20159	19595	21268	20968	20699	19500	18954		
		12°C/11°C	22	40393	39823	39312	37036	35999	38651	38106	37617	35439	34447	37387	36860	36387	34280	33321		
		7°C/6°C	22	38839	38291	37800	35611	34614	37165	36641	36170	34076	33122	35949	35443	34988	32962	32039		
		4°C/3°C	22	33790	33314	32886	30982	30114	32333	31877	31468	29646	28816	31276	30835	30439	28677	27874		
		0°C/-1°C	22	30411	29982	29597	27884	27103	29100	28690	28321	26682	25935	28148	27752	27395	25809	25087		
		-4°C/-6°C	22	25849	25485	25158	23701	23038	24735	24386	24073	22679	22044	23926	23589	23286	21938	21324		
		-7°C/-8°C	22	20679	20388	20126	18961	18430	19788	19509	19259	18144	17635	19141	18871	18629	17550	17059		

Fan Speed				Hi							Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4		
Nominal TR	Model	Air On	Air On	Power input																
		Condenser (°C)	Evaporator (°C)																	
4.00	45K	12°C/11°C	15	3.52	3.56	3.60	3.68	3.78	3.63	3.66	3.70	3.79	3.89	3.71	3.74	3.79	3.87	3.98		
		7°C/6°C	15	3.30	3.33	3.37	3.45	3.54	3.40	3.43	3.47	3.55	3.65	3.48	3.51	3.55	3.63	3.73		
		4°C/3°C	15	3.17	3.20	3.24	3.31	3.40	3.26	3.29	3.33	3.41	3.50	3.34	3.37	3.41	3.48	3.58		
		0°C/-1°C	15	3.11	3.14	3.17	3.24	3.33	3.20	3.23	3.26	3.34	3.43	3.27	3.30	3.34	3.41	3.51		
		-4°C/-6°C	15	2.98	3.01	3.04	3.11	3.20	3.07	3.10	3.13	3.20	3.29	3.14	3.17	3.20	3.28	3.37		
		-7°C/-8°C	15	2.91	2.94	2.97	3.04	3.12	2.99	3.02	3.05	3.12	3.21	3.06	3.09	3.12	3.20	3.29		
		12°C/11°C	18	3.60	3.63	3.67	3.75	3.86	3.70	3.73	3.78	3.86	3.97	3.79	3.82	3.86	3.95	4.06		
		7°C/6°C	18	3.37	3.40	3.44	3.52	3.62	3.47	3.50	3.54	3.62	3.72	3.55	3.58	3.62	3.70	3.81		
		4°C/3°C	18	3.24	3.27	3.30	3.38	3.47	3.33	3.36	3.40	3.48	3.57	3.41	3.44	3.48	3.56	3.65		
		0°C/-1°C	18	3.17	3.20	3.24	3.31	3.40	3.26	3.29	3.33	3.41	3.50	3.34	3.37	3.41	3.48	3.58		
		-4°C/-6°C	18	3.04	3.07	3.11	3.18	3.27	3.13	3.16	3.20	3.27	3.36	3.20	3.23	3.27	3.34	3.44		
		-7°C/-8°C	18	2.97	3.00	3.03	3.10	3.18	3.05	3.08	3.12	3.19	3.28	3.12	3.15	3.19	3.26	3.35		
		12°C/11°C	20	3.79	3.82	3.86	3.95	4.06	3.90	3.93	3.97	4.07	4.18	3.99	4.02	4.07	4.16	4.28		
		7°C/6°C	20	3.55	3.58	3.62	3.70	3.81	3.65	3.68	3.72	3.81	3.92	3.73	3.77	3.81	3.90	4.01		
		4°C/3°C	20	3.41	3.44	3.48	3.56	3.65	3.50	3.54	3.58	3.66	3.76	3.59	3.62	3.66	3.74	3.85		
		0°C/-1°C	20	3.34	3.37	3.41	3.48	3.58	3.43	3.47	3.50	3.59	3.69	3.51	3.55	3.59	3.67	3.77		
		-4°C/-6°C	20	3.20	3.23	3.27	3.34	3.44	3.30	3.33	3.36	3.44	3.54	3.37	3.40	3.44	3.52	3.62		
		-7°C/-8°C	20	3.12	3.15	3.19	3.26	3.35	3.21	3.24	3.28	3.36	3.45	3.29	3.32	3.36	3.43	3.53		
		12°C/11°C	22	3.97	4.01	4.06	4.15	4.27	4.09	4.13	4.17	4.27	4.39	4.18	4.22	4.27	4.37	4.49		
		7°C/6°C	22	3.73	3.76	3.80	3.89	4.00	3.83	3.87	3.91	4.00	4.11	3.92	3.96	4.00	4.09	4.21		
		4°C/3°C	22	3.58	3.61	3.65	3.73	3.84	3.68	3.71	3.75	3.84	3.95	3.76	3.80	3.84	3.93	4.04		
		0°C/-1°C	22	3.50	3.54	3.58	3.66	3.76	3.61	3.64	3.68	3.76	3.87	3.69	3.72	3.76	3.85	3.96		
		-4°C/-6°C	22	3.36	3.40	3.43	3.51	3.61	3.46	3.49	3.53	3.61	3.71	3.54	3.57	3.61	3.70	3.80		
		-7°C/-8°C	22	3.28	3.31	3.35	3.42	3.52	3.38	3.41	3.44	3.52	3.62	3.45	3.48	3.52	3.60	3.71		

Fan Speed				HI					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	COP														
		Condenser (°C)	Evaporator (°C)															
4.00	45K	12°C/11°C	15	4.01	3.92	3.83	3.53	3.33	3.73	3.65	3.56	3.28	3.10	3.53	3.45	3.37	3.10	2.93
		7°C/6°C	15	4.12	4.02	3.93	3.62	3.42	3.83	3.74	3.65	3.36	3.18	3.62	3.54	3.45	3.18	3.01
		4°C/3°C	15	3.73	3.65	3.56	3.28	3.10	3.47	3.39	3.31	3.05	2.88	3.28	3.21	3.13	2.88	2.73
		0°C/-1°C	15	3.43	3.35	3.27	3.01	2.85	3.19	3.11	3.04	2.80	2.65	3.01	2.94	2.87	2.65	2.50
		-4°C/-6°C	15	3.03	2.97	2.89	2.67	2.52	2.82	2.76	2.69	2.48	2.34	2.67	2.61	2.55	2.34	2.22
		-7°C/-8°C	15	2.49	2.43	2.38	2.19	2.07	2.32	2.26	2.21	2.03	1.92	2.19	2.14	2.09	1.92	1.82
		12°C/11°C	18	3.80	3.72	3.63	3.34	3.16	3.54	3.46	3.37	3.11	2.94	3.34	3.27	3.19	2.94	2.78
		7°C/6°C	18	3.90	3.81	3.72	3.43	3.24	3.63	3.55	3.46	3.19	3.01	3.43	3.35	3.27	3.01	2.85
		4°C/3°C	18	3.54	3.46	3.37	3.11	2.94	3.29	3.21	3.14	2.89	2.73	3.11	3.04	2.97	2.73	2.58
		0°C/-1°C	18	3.25	3.17	3.10	2.85	2.70	3.02	2.95	2.88	2.65	2.51	2.86	2.79	2.72	2.51	2.37
		-4°C/-6°C	18	2.88	2.81	2.74	2.53	2.39	2.67	2.61	2.55	2.35	2.22	2.53	2.47	2.41	2.22	2.10
		-7°C/-8°C	18	2.36	2.31	2.25	2.07	1.96	2.19	2.14	2.09	1.93	1.82	2.07	2.03	1.98	1.82	1.72
		12°C/11°C	20	3.47	3.39	3.31	3.05	2.89	3.23	3.16	3.08	2.84	2.68	3.06	2.98	2.91	2.68	2.54
		7°C/6°C	20	3.56	3.48	3.40	3.13	2.96	3.31	3.24	3.16	2.91	2.75	3.13	3.06	2.99	2.75	2.60
		4°C/3°C	20	3.23	3.16	3.08	2.84	2.68	3.00	2.94	2.87	2.64	2.50	2.84	2.78	2.71	2.50	2.36
		0°C/-1°C	20	2.97	2.90	2.83	2.61	2.46	2.76	2.70	2.63	2.42	2.29	2.61	2.55	2.49	2.29	2.17
		-4°C/-6°C	20	2.63	2.57	2.51	2.31	2.18	2.44	2.39	2.33	2.15	2.03	2.31	2.26	2.20	2.03	1.92
		-7°C/-8°C	20	2.16	2.11	2.06	1.89	1.79	2.00	1.96	1.91	1.76	1.66	1.90	1.85	1.81	1.66	1.57
		12°C/11°C	22	2.98	2.91	2.84	2.62	2.47	2.77	2.71	2.64	2.43	2.30	2.62	2.56	2.50	2.30	2.18
		7°C/6°C	22	3.06	2.99	2.91	2.68	2.54	2.84	2.78	2.71	2.50	2.36	2.69	2.62	2.56	2.36	2.23
4°C/3°C	22	2.77	2.71	2.64	2.43	2.30	2.57	2.52	2.46	2.26	2.14	2.43	2.38	2.32	2.14	2.02		
0°C/-1°C	22	2.54	2.48	2.43	2.23	2.11	2.36	2.31	2.26	2.08	1.96	2.24	2.18	2.13	1.96	1.86		
-4°C/-6°C	22	2.25	2.20	2.15	1.98	1.87	2.09	2.05	2.00	1.84	1.74	1.98	1.93	1.89	1.74	1.64		
-7°C/-8°C	22	1.85	1.81	1.76	1.62	1.53	1.72	1.68	1.64	1.51	1.43	1.62	1.59	1.55	1.43	1.35		

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 49K

Fan Speed				Hi					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On Condenser (°C)	Air On Evaporator (°C)	Total Capacity BTUH														
4.00	49K	12°C/11°C	15	52869	52124	51455	48476	47119	50590	49877	49237	46386	45087	48936	48246	47627	44869	43613
		7°C/6°C	15	50836	50119	49476	46611	45306	48644	47959	47343	44602	43353	47054	46390	45795	43144	41936
		4°C/3°C	15	44227	43604	43044	40552	39417	42321	41724	41189	38804	37717	40937	40360	39842	37535	36484
		0°C/-1°C	15	39805	39243	38740	36497	35475	38089	37552	37070	34923	33946	36843	36324	35858	33781	32836
		-4°C/-6°C	15	33834	33357	32929	31022	30154	32375	31919	31509	29685	28854	31317	30875	30479	28714	27910
		-7°C/-8°C	15	27067	26686	26343	24818	24123	25900	25535	25207	23748	23083	25053	24700	24383	22971	22328
		12°C/11°C	18	51121	50400	49754	46873	45560	48917	48228	47609	44852	43596	47318	46651	46052	43386	42171
		7°C/6°C	18	49155	48462	47840	45070	43808	47036	46373	45778	43127	41920	45498	44856	44281	41717	40549
		4°C/3°C	18	42765	42162	41621	39211	38113	40921	40344	39827	37521	36470	39583	39025	38524	36294	35277
		0°C/-1°C	18	38488	37946	37459	35290	34302	36829	36310	35844	33769	32823	35625	35123	34672	32664	31750
		-4°C/-6°C	18	32715	32254	31840	29996	29156	31305	30863	30467	28703	27900	30281	29854	29471	27765	26987
		-7°C/-8°C	18	26172	25803	25472	23997	23325	25044	24691	24374	22963	22320	24225	23883	23577	22212	21590
		12°C/11°C	20	49155	48462	47840	45070	43808	47036	46373	45778	43127	41920	45498	44856	44281	41717	40549
		7°C/6°C	20	47264	46598	46000	43337	42123	45227	44589	44017	41468	40307	43748	43131	42578	40112	38989
		4°C/3°C	20	41120	40540	40020	37703	36647	39347	38793	38295	36077	35067	38061	37524	37043	34898	33921
		0°C/-1°C	20	37008	36486	36018	33933	32982	35413	34913	34465	32470	31561	34255	33772	33338	31408	30529
		-4°C/-6°C	20	31457	31013	30615	28843	28035	30101	29676	29295	27599	26826	29116	28706	28338	26697	25949
		-7°C/-8°C	20	25165	24811	24492	23074	22428	24081	23741	23436	22079	21461	23293	22965	22670	21357	20759
		12°C/11°C	22	44239	43616	43056	40563	39427	42332	41735	41200	38814	37728	40948	40371	39853	37545	36494
		7°C/6°C	22	42538	41938	41400	39003	37911	40704	40130	39615	37322	36277	39373	38818	38320	36101	35090
		4°C/3°C	22	37008	36486	36018	33933	32982	35413	34913	34465	32470	31561	34255	33772	33338	31408	30529
		0°C/-1°C	22	33307	32838	32416	30539	29684	31871	31422	31019	29223	28405	30829	30395	30004	28267	27476
		-4°C/-6°C	22	28311	27912	27554	25958	25232	27091	26709	26366	24839	24144	26205	25835	25504	24027	23354
		-7°C/-8°C	22	22649	22330	22043	20767	20185	21672	21367	21093	19871	19315	20964	20668	20403	19222	18683

Fan Speed				Hi					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On Condenser (°C)	Air On Evaporator (°C)	Power Input														
4.00	49K	12°C/11°C	15	3.75	3.78	3.83	3.91	4.02	3.86	3.89	3.94	4.03	4.14	3.95	3.98	4.03	4.12	4.24
		7°C/6°C	15	3.51	3.55	3.59	3.67	3.77	3.62	3.65	3.69	3.78	3.88	3.70	3.73	3.78	3.86	3.97
		4°C/3°C	15	3.37	3.40	3.44	3.52	3.62	3.47	3.50	3.54	3.62	3.73	3.55	3.58	3.62	3.71	3.81
		0°C/-1°C	15	3.31	3.34	3.37	3.45	3.55	3.40	3.43	3.47	3.55	3.65	3.48	3.51	3.55	3.63	3.74
		-4°C/-6°C	15	3.17	3.20	3.24	3.31	3.41	3.27	3.30	3.33	3.41	3.51	3.34	3.37	3.41	3.49	3.59
		-7°C/-8°C	15	3.10	3.12	3.16	3.23	3.32	3.18	3.21	3.25	3.32	3.42	3.26	3.29	3.32	3.40	3.50
		12°C/11°C	18	3.83	3.86	3.90	3.99	4.11	3.94	3.97	4.02	4.11	4.23	4.03	4.07	4.11	4.20	4.32
		7°C/6°C	18	3.59	3.62	3.66	3.74	3.85	3.69	3.72	3.77	3.85	3.96	3.78	3.81	3.85	3.94	4.05
		4°C/3°C	18	3.44	3.47	3.51	3.59	3.69	3.54	3.58	3.61	3.70	3.80	3.62	3.66	3.70	3.78	3.89
		0°C/-1°C	18	3.37	3.40	3.44	3.52	3.62	3.47	3.50	3.54	3.62	3.73	3.55	3.58	3.62	3.71	3.81
		-4°C/-6°C	18	3.24	3.27	3.31	3.38	3.48	3.33	3.36	3.40	3.48	3.58	3.41	3.44	3.48	3.56	3.66
		-7°C/-8°C	18	3.16	3.19	3.22	3.30	3.39	3.25	3.28	3.32	3.39	3.49	3.32	3.35	3.39	3.47	3.57
		12°C/11°C	20	4.03	4.06	4.11	4.20	4.32	4.15	4.18	4.23	4.33	4.45	4.24	4.28	4.33	4.43	4.55
		7°C/6°C	20	3.78	3.81	3.85	3.94	4.05	3.88	3.92	3.96	4.05	4.17	3.97	4.01	4.05	4.15	4.26
		4°C/3°C	20	3.62	3.66	3.70	3.78	3.89	3.73	3.76	3.81	3.89	4.00	3.82	3.85	3.89	3.98	4.09
		0°C/-1°C	20	3.55	3.58	3.62	3.71	3.81	3.65	3.69	3.73	3.81	3.92	3.74	3.77	3.81	3.90	4.01
		-4°C/-6°C	20	3.41	3.44	3.48	3.56	3.66	3.51	3.54	3.58	3.66	3.76	3.59	3.62	3.66	3.75	3.85
		-7°C/-8°C	20	3.32	3.35	3.39	3.47	3.57	3.42	3.45	3.49	3.57	3.67	3.50	3.53	3.57	3.65	3.76
		12°C/11°C	22	4.23	4.27	4.32	4.41	4.54	4.35	4.39	4.44	4.54	4.67	4.45	4.49	4.54	4.65	4.78
		7°C/6°C	22	3.96	4.00	4.04	4.14	4.25	4.08	4.12	4.16	4.26	4.38	4.17	4.21	4.26	4.36	4.48
		4°C/3°C	22	3.81	3.84	3.88	3.97	4.08	3.92	3.95	4.00	4.09	4.20	4.01	4.04	4.09	4.18	4.30
		0°C/-1°C	22	3.73	3.76	3.81	3.89	4.00	3.84	3.87	3.92	4.01	4.12	3.93	3.96	4.01	4.10	4.21
		-4°C/-6°C	22	3.58	3.61	3.65	3.74	3.84	3.68	3.72	3.76	3.85	3.95	3.77	3.80	3.85	3.93	4.04
		-7°C/-8°C	22	3.49	3.52	3.56	3.64	3.75	3.59	3.62	3.66	3.75	3.85	3.67	3.71	3.75	3.84	3.94

Fan Speed				Hi					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On Condenser (°C)	Air On Evaporator (°C)	COP														
4.00	49K	12°C/11°C	15	4.13	4.04	3.94	3.63	3.43	3.84	3.75	3.66	3.37	3.19	3.63	3.55	3.47	3.19	3.02
		7°C/6°C	15	4.24	4.14	4.04	3.72	3.52	3.94	3.85	3.76	3.46	3.27	3.73	3.64	3.56	3.27	3.10
		4°C/3°C	15	3.84	3.75	3.66	3.37	3.19	3.57	3.49	3.41	3.14	2.97	3.38	3.30	3.22	2.97	2.81
		0°C/-1°C	15	3.53	3.45	3.37	3.10	2.93	3.28	3.21	3.13	2.88	2.72	3.10	3.03	2.96	2.72	2.58
		-4°C/-6°C	15	3.12	3.05	2.98	2.74	2.59	2.90	2.84	2.77	2.55	2.41	2.75	2.68	2.62	2.41	2.28
		-7°C/-8°C	15	2.56	2.50	2.44	2.25	2.13	2.38	2.33	2.27	2.09	1.98	2.25	2.20	2.15	1.98	1.87
		12°C/11°C	18	3.91	3.83	3.73	3.44	3.25	3.64	3.56	3.47	3.20	3.02	3.44	3.36	3.28	3.02	2.86
		7°C/6°C	18	4.02	3.92	3.83	3.53	3.34	3.74	3.65	3.56	3.28	3.10	3.53	3.45	3.37	3.10	2.93
		4°C/3°C	18	3.64	3.56	3.47	3.20	3.02	3.38	3.31	3.23	2.97	2.81	3.20	3.13	3.05	2.81	2.66
		0°C/-1°C	18	3.34	3.27	3.19	2.94	2.78	3.11	3.04	2.97	2.73	2.58	2.94	2.87	2.80	2.58	2.44
		-4°C/-6°C	18	2.96	2.89	2.82	2.60	2.46	2.75	2.69	2.63	2.42	2.29	2.60	2.54	2.48	2.29	2.16

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 60K

Fan Speed				Hi						Med					Low					
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4		
Nominal TR	Model	Air On	Air On	Total Capacity BTUH																
		Condenser	Evaporator																	
				(°C)	(°C)															
5.00	60K	12°C/11°C	15	63213	62322	61522	57960	56337	60488	59636	58870	55462	53909	58510	57686	56945	53648	52146		
		7°C/6°C	15	60782	59925	59156	55731	54171	58162	57342	56606	53329	51835	56260	55467	54755	51585	50140		
		4°C/3°C	15	52881	52135	51466	48486	47128	50601	49887	49247	46396	45097	48946	48256	47637	44879	43622		
		0°C/-1°C	15	47592	46921	46319	43637	42416	45541	44899	44323	41756	40587	44052	43431	42873	40391	39260		
		-4°C/-6°C	15	40454	39883	39371	37092	36053	38710	38164	37674	35493	34499	37444	36916	36442	34332	33371		
		-7°C/-8°C	15	32363	31907	31497	29673	28843	30968	30531	30139	28394	27599	29955	29533	29154	27466	26697		
		12°C/11°C	18	61123	60261	59488	56044	54474	58488	57663	56923	53628	52126	56576	55778	55062	51874	50422		
		7°C/6°C	18	58772	57944	57200	53888	52379	56239	55446	54734	51565	50121	54400	53633	52944	49879	48482		
		4°C/3°C	18	51132	50411	49764	46883	45570	48928	48238	47619	44862	43605	47328	46660	46062	43395	42180		
		0°C/-1°C	18	46019	45370	44788	42194	41013	44035	43414	42857	40375	39245	42595	41994	41455	39055	37962		
		-4°C/-6°C	18	39116	38564	38069	35865	34861	37430	36902	36428	34319	33358	36206	35695	35237	33197	32267		
		-7°C/-8°C	18	31293	30851	30456	28692	27889	29944	29521	29143	27455	26687	28965	28556	28190	26558	25814		
		12°C/11°C	20	58772	57944	57200	53888	52379	56239	55446	54734	51565	50121	54400	53633	52944	49879	48482		
		7°C/6°C	20	56512	55715	55000	51816	50365	54076	53313	52629	49582	48193	52307	51570	50908	47960	46618		
		4°C/3°C	20	49165	48472	47850	45079	43817	47046	46382	45787	43136	41928	45507	44866	44290	41726	40557		
		0°C/-1°C	20	44249	43625	43065	40572	39436	42341	41744	41208	38822	37735	40957	40379	39861	37553	36502		
		-4°C/-6°C	20	37611	37081	36605	34486	33520	35990	35483	35027	32999	32075	34813	34322	33882	31920	31026		
		-7°C/-8°C	20	30089	29665	29284	27589	26816	28792	28386	28022	26399	25660	27850	27458	27105	25536	24821		
		12°C/11°C	22	52895	52149	51480	48499	47141	50615	49901	49261	46409	45109	48960	48269	47650	44891	43634		
		7°C/6°C	22	50861	50144	49500	46634	45328	48668	47982	47366	44624	43374	47077	46413	45817	43164	41956		
		4°C/3°C	22	44249	43625	43065	40572	39436	42341	41744	41208	38822	37735	40957	40379	39861	37553	36502		
		0°C/-1°C	22	39824	39262	38759	36514	35492	38107	37570	37088	34940	33962	36861	36341	35875	33798	32851		
		-4°C/-6°C	22	33850	33373	32945	31037	30168	32391	31934	31524	29699	28868	31332	30890	30494	28728	27924		
		-7°C/-8°C	22	27080	26698	26356	24830	24135	25913	25547	25220	23759	23094	25065	24712	24395	22982	22339		

Fan Speed				Hi						Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	
Nominal TR	Model	Air On	Air On	Power Input															
		Condenser (°C)	Evaporator (°C)																
4.00	60K	12°C/11°C	15	4.48	4.52	4.57	4.68	4.81	4.61	4.66	4.71	4.82	4.95	4.72	4.76	4.82	4.93	5.06	
		7°C/6°C	15	4.20	4.24	4.29	4.39	4.51	4.32	4.36	4.41	4.51	4.64	4.42	4.46	4.51	4.62	4.75	
		4°C/3°C	15	4.03	4.07	4.12	4.21	4.33	4.15	4.19	4.24	4.33	4.45	4.25	4.28	4.33	4.43	4.56	
		0°C/-1°C	15	3.95	3.99	4.03	4.13	4.24	4.07	4.10	4.15	4.25	4.36	4.16	4.20	4.25	4.34	4.47	
		-4°C/-6°C	15	3.80	3.83	3.87	3.96	4.07	3.91	3.94	3.98	4.08	4.19	3.99	4.03	4.08	4.17	4.29	
		-7°C/-8°C	15	3.70	3.73	3.78	3.86	3.97	3.81	3.84	3.88	3.97	4.09	3.90	3.93	3.97	4.07	4.18	
		12°C/11°C	18	4.57	4.62	4.67	4.78	4.91	4.71	4.75	4.80	4.91	5.05	4.82	4.86	4.91	5.03	5.17	
		7°C/6°C	18	4.29	4.33	4.37	4.48	4.60	4.41	4.45	4.50	4.61	4.73	4.51	4.55	4.61	4.71	4.84	
		4°C/3°C	18	4.12	4.15	4.20	4.30	4.42	4.24	4.27	4.32	4.42	4.54	4.33	4.37	4.42	4.52	4.65	
		0°C/-1°C	18	4.03	4.07	4.12	4.21	4.33	4.15	4.19	4.24	4.33	4.45	4.25	4.28	4.33	4.43	4.56	
		-4°C/-6°C	18	3.87	3.91	3.95	4.04	4.16	3.98	4.02	4.07	4.16	4.28	4.08	4.11	4.16	4.25	4.37	
		-7°C/-8°C	18	3.78	3.81	3.85	3.94	4.05	3.89	3.92	3.96	4.06	4.17	3.97	4.01	4.06	4.15	4.26	
		12°C/11°C	20	4.82	4.86	4.91	5.03	5.17	4.96	5.00	5.06	5.17	5.32	5.07	5.12	5.17	5.29	5.44	
		7°C/6°C	20	4.51	4.55	4.61	4.71	4.84	4.64	4.69	4.74	4.85	4.98	4.75	4.79	4.85	4.96	5.10	
		4°C/3°C	20	4.33	4.37	4.42	4.52	4.65	4.46	4.50	4.55	4.65	4.78	4.56	4.60	4.65	4.76	4.89	
		0°C/-1°C	20	4.25	4.28	4.33	4.43	4.56	4.37	4.41	4.46	4.56	4.69	4.47	4.51	4.56	4.67	4.80	
		-4°C/-6°C	20	4.08	4.11	4.16	4.25	4.37	4.19	4.23	4.28	4.38	4.50	4.29	4.33	4.38	4.48	4.60	
		-7°C/-8°C	20	3.97	4.01	4.06	4.15	4.26	4.09	4.13	4.17	4.27	4.39	4.18	4.22	4.27	4.37	4.49	
		12°C/11°C	22	5.06	5.10	5.16	5.28	5.43	5.20	5.25	5.31	5.43	5.58	5.32	5.37	5.43	5.56	5.71	
		7°C/6°C	22	4.74	4.78	4.84	4.95	5.08	4.88	4.92	4.98	5.09	5.23	4.99	5.03	5.09	5.21	5.35	
		4°C/3°C	22	4.55	4.59	4.64	4.75	4.88	4.68	4.72	4.78	4.89	5.02	4.79	4.83	4.89	5.00	5.14	
		0°C/-1°C	22	4.46	4.50	4.55	4.65	4.78	4.59	4.63	4.68	4.79	4.92	4.69	4.74	4.79	4.90	5.04	
		-4°C/-6°C	22	4.28	4.32	4.37	4.47	4.59	4.40	4.44	4.49	4.60	4.73	4.51	4.55	4.60	4.70	4.83	
		-7°C/-8°C	22	4.17	4.21	4.26	4.36	4.48	4.29	4.33	4.38	4.48	4.61	4.39	4.43	4.48	4.59	4.71	

Fan Speed				HI					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	COP														
		Condenser (°C)	Evaporator (°C)															
4.00	60K	12°C/11°C	15	4.13	4.04	3.94	3.63	3.43	3.84	3.75	3.67	3.38	3.19	3.63	3.55	3.47	3.19	3.02
		7°C/6°C	15	4.24	4.14	4.04	3.72	3.52	3.94	3.85	3.76	3.46	3.27	3.73	3.64	3.56	3.27	3.10
		4°C/3°C	15	3.84	3.75	3.66	3.37	3.19	3.57	3.49	3.41	3.14	2.97	3.38	3.30	3.22	2.97	2.81
		0°C/-1°C	15	3.53	3.45	3.37	3.10	2.93	3.28	3.21	3.13	2.88	2.73	3.10	3.03	2.96	2.73	2.58
		-4°C/-6°C	15	3.12	3.05	2.98	2.74	2.59	2.91	2.84	2.77	2.55	2.41	2.75	2.68	2.62	2.41	2.28
		-7°C/-8°C	15	2.56	2.50	2.45	2.25	2.13	2.38	2.33	2.27	2.09	1.98	2.25	2.20	2.15	1.98	1.87
		12°C/11°C	18	3.92	3.83	3.73	3.44	3.25	3.64	3.56	3.47	3.20	3.02	3.44	3.36	3.28	3.02	2.86
		7°C/6°C	18	4.02	3.92	3.83	3.53	3.34	3.74	3.65	3.56	3.28	3.10	3.53	3.45	3.37	3.10	2.93
		4°C/3°C	18	3.64	3.56	3.47	3.20	3.02	3.39	3.31	3.23	2.97	2.81	3.20	3.13	3.05	2.81	2.66
		0°C/-1°C	18	3.34	3.27	3.19	2.94	2.78	3.11	3.04	2.97	2.73	2.58	2.94	2.87	2.80	2.58	2.44
		-4°C/-6°C	18	2.96	2.89	2.82	2.60	2.46	2.75	2.69	2.63	2.42	2.29	2.60	2.54	2.48	2.29	2.16
		-7°C/-8°C	18	2.43	2.37	2.32	2.13	2.02	2.26	2.21	2.15	1.98	1.88	2.14	2.09	2.04	1.88	1.77
		12°C/11°C	20	3.58	3.49	3.41	3.14	2.97	3.33	3.25	3.17	2.92	2.76	3.14	3.07	3.00	2.76	2.61
		7°C/6°C	20	3.67	3.59	3.50	3.22	3.05	3.41	3.33	3.26	3.00	2.83	3.23	3.15	3.08	2.83	2.68
		4°C/3°C	20	3.33	3.25	3.17	2.92	2.76	3.09	3.02	2.95	2.72	2.57	2.92	2.86	2.79	2.57	2.43
		0°C/-1°C	20	3.05	2.98	2.91	2.68	2.54	2.84	2.77	2.71	2.49	2.36	2.69	2.62	2.56	2.36	2.23
		-4°C/-6°C	20	2.70	2.64	2.58	2.38	2.25	2.51	2.46	2.40	2.21	2.09	2.38	2.32	2.27	2.09	1.97
		-7°C/-8°C	20	2.22	2.17	2.12	1.95	1.84	2.06	2.02	1.97	1.81	1.71	1.95	1.91	1.86	1.71	1.62
		12°C/11°C	22	3.07	3.00	2.92	2.69	2.55	2.85	2.79	2.72	2.50	2.37	2.70	2.63	2.57	2.37	2.24
		7°C/6°C	22	3.15	3.07	3.00	2.76	2.61	2.92	2.86	2.79	2.57	2.43	2.77	2.70	2.64	2.43	2.30
4°C/3°C	22	2.85	2.78	2.72	2.50	2.37	2.65	2.59	2.53	2.33	2.20	2.51	2.45	2.39	2.20	2.08		
0°C/-1°C	22	2.62	2.56	2.50	2.30	2.17	2.43	2.38	2.32	2.14	2.02	2.30	2.25	2.20	2.02	1.91		
-4°C/-6°C	22	2.32	2.26	2.21	2.04	1.93	2.16	2.11	2.06	1.89	1.79	2.04	1.99	1.94	1.79	1.69		
-7°C/-8°C	22	1.90	1.86	1.81	1.67	1.58	1.77	1.73	1.69	1.55	1.47	1.67	1.63	1.60	1.47	1.39		

GALAXY SERIES DUCTED SPLIT - R410A
PRODUCT DATA BOOK

HEATING PERFORMANCE DATA - 70K

Fan Speed				Hi					Med					Low				
External Static Pressure in.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	Total Capacity BTUH														
		Condenser	Evaporator															
		(°C)	(°C)															
6.00	70K	12°C/11°C	15	78155	77053	76064	71660	69654	74786	73731	72785	68571	66651	72340	71320	70405	66329	64471
		7°C/6°C	15	75149	74089	73139	68904	66975	71909	70895	69986	65933	64087	69558	68577	67697	63777	61992
		4°C/3°C	15	65380	64458	63631	59946	58268	62561	61679	60887	57362	55756	60515	59662	58897	55486	53933
		0°C/-1°C	15	58842	58012	57268	53952	52441	56305	55511	54799	51626	50180	54464	53696	53007	49938	48540
		-4°C/-6°C	15	50015	49310	48677	45859	44575	47859	47184	46579	43882	42653	46294	45642	45056	42447	41259
		-7°C/-8°C	15	40012	39448	38942	36687	35660	38287	37748	37263	35106	34123	37035	36513	36045	33958	33007
		12°C/11°C	18	75570	74505	73549	69290	67350	72313	71293	70378	66303	64447	69948	68962	68077	64135	62339
		7°C/6°C	18	72664	71639	70720	66625	64760	69531	68551	67671	63753	61968	67258	66309	65458	61668	59942
		4°C/3°C	18	63218	62326	61526	57964	56341	60492	59639	58874	55465	53912	58514	57689	56949	53652	52149
		0°C/-1°C	18	56896	56094	55374	52168	50707	54443	53675	52987	49919	48521	52663	51920	51254	48286	46934
		-4°C/-6°C	18	48361	47680	47068	44342	43101	46277	45624	45039	42431	41243	44763	44132	43566	41043	39894
		-7°C/-8°C	18	38689	38144	37654	35474	34481	37021	36499	36031	33945	32994	35811	35306	34853	32835	31915
		12°C/11°C	20	72664	71639	70720	66625	64760	69531	68551	67671	63753	61968	67258	66309	65458	61668	59942
		7°C/6°C	20	69869	68884	68000	64063	62269	66857	65914	65069	61301	59585	64671	63759	62941	59297	57636
		4°C/3°C	20	60786	59929	59160	55735	54174	58166	57346	56610	53332	51839	56264	55470	54759	51588	50144
		0°C/-1°C	20	54707	53936	53244	50161	48757	52349	51611	50949	47999	46655	50637	49923	49283	46429	45129
		-4°C/-6°C	20	46501	45846	45257	42637	41443	44497	43869	43306	40799	39657	43042	42435	41890	39465	38360
		-7°C/-8°C	20	37201	36677	36206	34110	33155	35597	35095	34645	32639	31725	34433	33948	33512	31572	30688
		12°C/11°C	22	65397	64475	63648	59963	58284	62578	61696	60904	57378	55771	60532	59678	58913	55502	53948
		7°C/6°C	22	62882	61996	61200	57657	56042	60171	59323	58562	55171	53626	58204	57383	56647	53367	51873
		4°C/3°C	22	54707	53936	53244	50161	48757	52349	51611	50949	47999	46655	50637	49923	49283	46429	45129
		0°C/-1°C	22	49237	48543	47920	45145	43881	47114	46450	45854	43199	41989	45574	44931	44354	41786	40616
		-4°C/-6°C	22	41851	41261	40732	38373	37299	40047	39482	38976	36719	35691	38738	38191	37701	35518	34524
		-7°C/-8°C	22	33481	33009	32585	30699	29839	32038	31586	31181	29375	28553	30990	30553	30161	28415	27619

Fan Speed				HI					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	Power Input														
		Condenser (°C)	Evaporator (°C)															
6.00	70K	12°C/11°C	15	5.62	5.67	5.74	5.87	6.03	5.79	5.84	5.90	6.04	6.21	5.92	5.97	6.04	6.18	6.35
		7°C/6°C	15	5.27	5.32	5.38	5.50	5.66	5.42	5.47	5.53	5.66	5.82	5.55	5.60	5.66	5.79	5.95
		4°C/3°C	15	5.06	5.11	5.16	5.28	5.43	5.21	5.25	5.31	5.43	5.59	5.33	5.37	5.43	5.56	5.71
		0°C/-1°C	15	4.96	5.00	5.06	5.18	5.32	5.10	5.15	5.21	5.33	5.47	5.22	5.27	5.33	5.45	5.60
		-4°C/-6°C	15	4.76	4.80	4.86	4.97	5.11	4.90	4.94	5.00	5.11	5.26	5.01	5.06	5.11	5.23	5.38
		-7°C/-8°C	15	4.64	4.68	4.74	4.84	4.98	4.78	4.82	4.87	4.98	5.12	4.89	4.93	4.98	5.10	5.24
		12°C/11°C	18	5.74	5.79	5.85	5.99	6.16	5.90	5.96	6.02	6.16	6.34	6.04	6.10	6.16	6.30	6.48
		7°C/6°C	18	5.38	5.43	5.49	5.61	5.77	5.53	5.58	5.65	5.78	5.94	5.66	5.71	5.78	5.91	6.07
		4°C/3°C	18	5.16	5.21	5.27	5.39	5.54	5.31	5.36	5.42	5.55	5.70	5.43	5.48	5.55	5.67	5.83
		0°C/-1°C	18	5.06	5.11	5.16	5.28	5.43	5.21	5.25	5.31	5.43	5.59	5.33	5.37	5.43	5.56	5.71
		-4°C/-6°C	18	4.86	4.90	4.96	5.07	5.21	5.00	5.04	5.10	5.22	5.36	5.11	5.16	5.22	5.34	5.49
		-7°C/-8°C	18	4.74	4.78	4.83	4.94	5.08	4.87	4.92	4.97	5.09	5.23	4.99	5.03	5.09	5.20	5.35
		12°C/11°C	20	6.04	6.10	6.16	6.30	6.48	6.22	6.27	6.34	6.49	6.67	6.36	6.42	6.49	6.64	6.82
		7°C/6°C	20	5.66	5.71	5.78	5.91	6.07	5.83	5.88	5.94	6.08	6.25	5.96	6.01	6.08	6.22	6.39
		4°C/3°C	20	5.43	5.48	5.54	5.67	5.83	5.59	5.64	5.71	5.84	6.00	5.72	5.77	5.84	5.97	6.14
		0°C/-1°C	20	5.33	5.37	5.43	5.56	5.71	5.48	5.53	5.59	5.72	5.88	5.61	5.66	5.72	5.85	6.02
		-4°C/-6°C	20	5.11	5.16	5.22	5.34	5.49	5.26	5.31	5.37	5.49	5.65	5.38	5.43	5.49	5.62	5.78
		-7°C/-8°C	20	4.99	5.03	5.09	5.20	5.35	5.13	5.18	5.23	5.35	5.50	5.25	5.30	5.35	5.48	5.63
		12°C/11°C	22	6.34	6.40	6.47	6.62	6.81	6.53	6.59	6.66	6.81	7.00	6.68	6.74	6.81	6.97	7.16
		7°C/6°C	22	5.94	6.00	6.06	6.20	6.38	6.12	6.17	6.24	6.38	6.56	6.26	6.31	6.38	6.53	6.71
		4°C/3°C	22	5.71	5.76	5.82	5.96	6.12	5.87	5.93	5.99	6.13	6.30	6.01	6.06	6.13	6.27	6.45
		0°C/-1°C	22	5.59	5.64	5.71	5.84	6.00	5.75	5.81	5.87	6.01	6.17	5.89	5.94	6.01	6.14	6.32
		-4°C/-6°C	22	5.37	5.42	5.48	5.60	5.76	5.52	5.57	5.64	5.77	5.93	5.65	5.70	5.77	5.90	6.06
		-7°C/-8°C	22	5.23	5.28	5.34	5.46	5.62	5.39	5.44	5.50	5.62	5.78	5.51	5.56	5.62	5.75	5.91

Fan Speed				HI					Med					Low				
External Static Pressure In.wg				0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4	0	0.1	0.2	0.3	0.4
Nominal TR	Model	Air On	Air On	COP														
		Condenser	Evaporator															
		(°C)	(°C)															
6.00	70K	12°C/11°C	15	4.07	3.98	3.89	3.58	3.38	3.79	3.70	3.61	3.33	3.15	3.58	3.50	3.42	3.15	2.97
		7°C/6°C	15	4.18	4.08	3.99	3.67	3.47	3.89	3.80	3.71	3.41	3.23	3.67	3.59	3.50	3.23	3.05
		4°C/3°C	15	3.79	3.70	3.61	3.33	3.15	3.52	3.44	3.36	3.09	2.93	3.33	3.25	3.18	2.93	2.77
		0°C/-1°C	15	3.48	3.40	3.32	3.06	2.89	3.23	3.16	3.08	2.84	2.69	3.06	2.99	2.92	2.69	2.54
		-4°C/-6°C	15	3.08	3.01	2.94	2.71	2.56	2.86	2.80	2.73	2.52	2.38	2.71	2.65	2.58	2.38	2.25
		-7°C/-8°C	15	2.53	2.47	2.41	2.22	2.10	2.35	2.30	2.24	2.06	1.95	2.22	2.17	2.12	1.95	1.85
		12°C/11°C	18	3.86	3.77	3.68	3.39	3.21	3.59	3.51	3.42	3.15	2.98	3.39	3.32	3.24	2.98	2.82
		7°C/6°C	18	3.96	3.87	3.78	3.48	3.29	3.68	3.60	3.51	3.23	3.06	3.48	3.40	3.32	3.06	2.89
		4°C/3°C	18	3.59	3.51	3.42	3.15	2.98	3.34	3.26	3.18	2.93	2.77	3.16	3.08	3.01	2.77	2.62
		0°C/-1°C	18	3.30	3.22	3.14	2.90	2.74	3.06	2.99	2.92	2.69	2.55	2.90	2.83	2.76	2.55	2.41
		-4°C/-6°C	18	2.92	2.85	2.78	2.56	2.42	2.71	2.65	2.59	2.38	2.25	2.57	2.51	2.45	2.25	2.13
		-7°C/-8°C	18	2.39	2.34	2.28	2.10	1.99	2.23	2.18	2.12	1.96	1.85	2.11	2.06	2.01	1.85	1.75
		12°C/11°C	20	3.53	3.44	3.36	3.10	2.93	3.28	3.20	3.13	2.88	2.72	3.10	3.03	2.96	2.72	2.57
		7°C/6°C	20	3.62	3.53	3.45	3.18	3.00	3.36	3.29	3.21	2.95	2.79	3.18	3.11	3.03	2.79	2.64
		4°C/3°C	20	3.28	3.20	3.13	2.88	2.72	3.05	2.98	2.91	2.68	2.53	2.88	2.82	2.75	2.53	2.39
		0°C/-1°C	20	3.01	2.94	2.87	2.64	2.50	2.80	2.74	2.67	2.46	2.33	2.65	2.59	2.52	2.33	2.20
		-4°C/-6°C	20	2.67	2.60	2.54	2.34	2.21	2.48	2.42	2.36	2.18	2.06	2.34	2.29	2.24	2.06	1.95
		-7°C/-8°C	20	2.19	2.14	2.09	1.92	1.82	2.03	1.99	1.94	1.79	1.69	1.92	1.88	1.83	1.69	1.60
		12°C/11°C	22	3.02	2.95	2.88	2.65	2.51	2.81	2.75	2.68	2.47	2.33	2.66	2.60	2.53	2.33	2.21
		7°C/6°C	22	3.10	3.03	2.96	2.72	2.58	2.88	2.82	2.75	2.53	2.39	2.73	2.66	2.60	2.39	2.26
4°C/3°C	22	2.81	2.75	2.68	2.47	2.33	2.61	2.55	2.49	2.30	2.17	2.47	2.41	2.36	2.17	2.05		
0°C/-1°C	22	2.58	2.52	2.46	2.27	2.14	2.40	2.34	2.29	2.11	1.99	2.27	2.22	2.16	1.99	1.88		
-4°C/-6°C	22	2.28	2.23	2.18	2.01	1.90	2.12	2.08	2.03	1.87	1.76	2.01	1.96	1.92	1.76	1.67		
-7°C/-8°C	22	1.87	1.83	1.79	1.65	1.56	1.74	1.70	1.66	1.53	1.45	1.65	1.61	1.57	1.45	1.37		

GALAXY SERIES DUCTED SPLIT - R410A PRODUCT DATA BOOK

AIR FLOW CHART

CFM

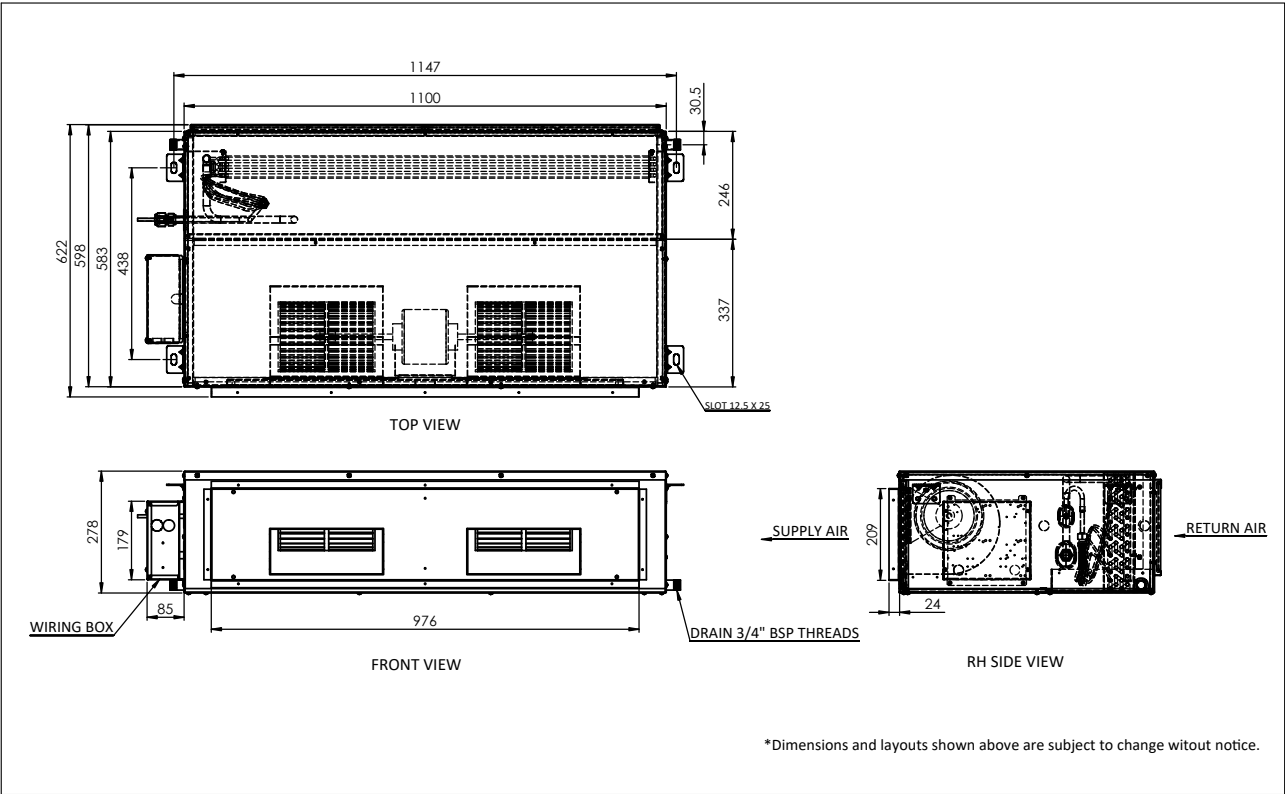
Air flow (CFM)						
Model	Speed	External Static pressure (Pa)				
		0	25	50	75	100
EDG18	High	685	647	617	NA	NA
	Med	646	598	530	NA	NA
	Low	540	509	476	NA	NA
EDG24	High	875	821	778	NA	NA
	Med	796	746	697	NA	NA
	Low	708	668	624	NA	NA
ESG30 / ESG37	High	1352	1300	1250	1200	1152
	Med	1244	1196	1150	1104	1060
	Low	1144	1100	1058	1016	975
ESG45 / ESG49	High	1893	1820	1750	1680	1613
	Med	1731	1664	1600	1536	1475
	Low	1575	1514	1456	1398	1342
ESG60	High	2302	2173	2049	1886	1734
	Med	2083	1881	1723	1662	1581
	Low	1615	1563	1489	1397	1301
ESG70	High	2697	2545	2400	2210	2031
	Med	2440	2203	2018	1947	1852
	Low	1892	1830	1744	1637	1524

CMH

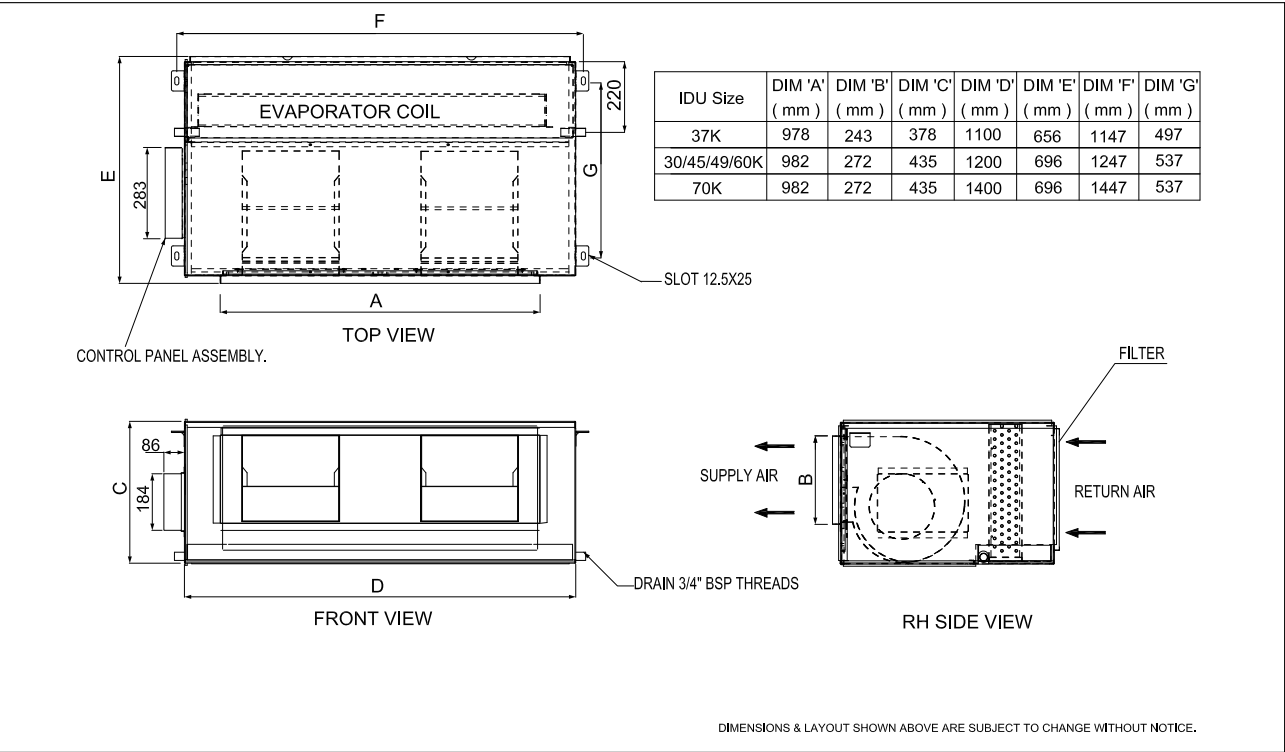
Air flow (CMH)						
Model	Speed	External Static pressure (Pa)				
		0	25	50	75	100
EDG18	High	1165	1100	1049	NA	NA
	Med	1098	1017	901	NA	NA
	Low	918	865	809	NA	NA
EDG24	High	1488	1395	1323	NA	NA
	Med	1353	1268	1184	NA	NA
	Low	1204	1136	1062	NA	NA
ESG30 / ESG37	High	2298	2210	2125	2040	1958
	Med	2115	2033	1955	1877	1802
	Low	1945	1871	1799	1727	1658
ESG45 / ESG49	High	3218	3094	2975	2856	2742
	Med	2942	2829	2720	2611	2507
	Low	2677	2574	2475	2376	2281
ESG60	High	3913	3694	3483	3207	2947
	Med	3541	3197	2929	2825	2687
	Low	2746	2656	2531	2376	2212
ESG70	High	4584	4327	4080	3757	3452
	Med	4148	3745	3431	3310	3148
	Low	3216	3112	2965	2783	2591

GENERAL ARRANGEMENT DRAWINGS - INDOOR

18K - 24K

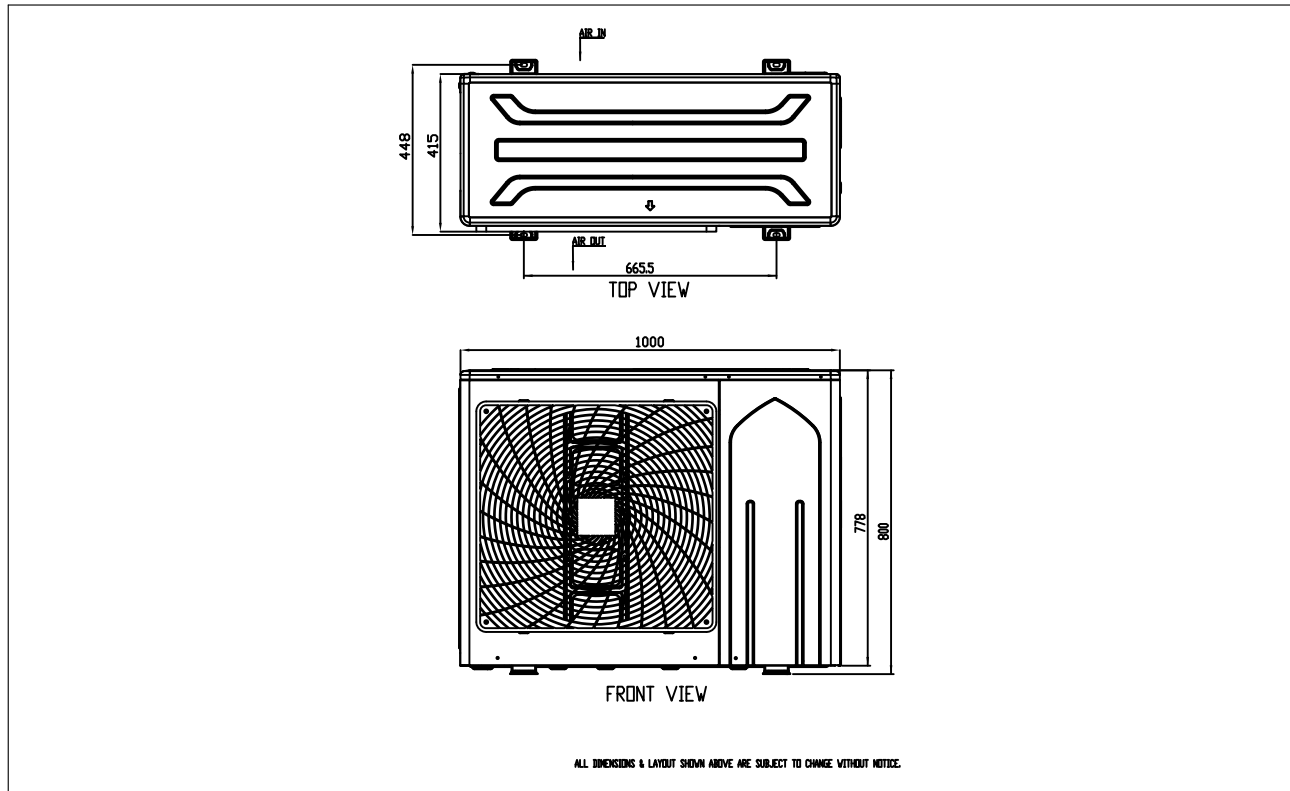


30K - 37K - 45K - 49K - 60K - 70K

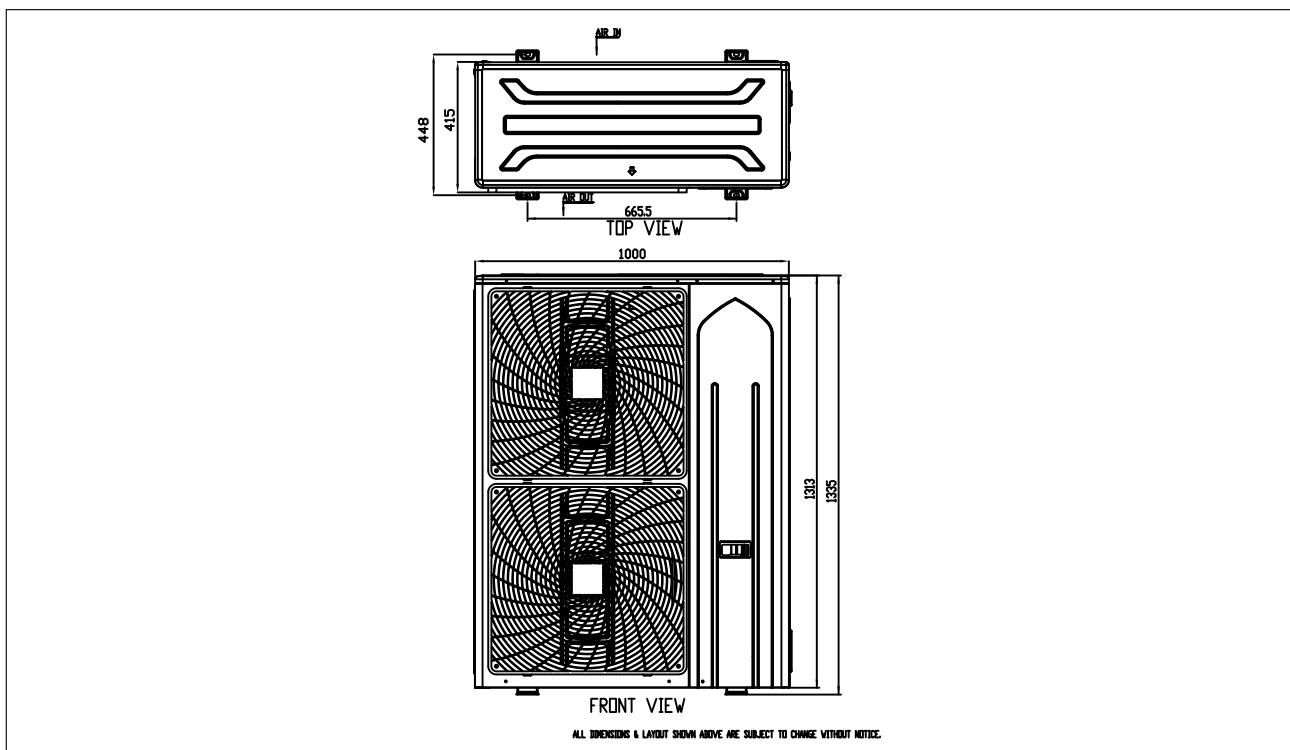


GENERAL ARRANGEMENT DRAWINGS - OUTDOOR

18K - 24K - 30K



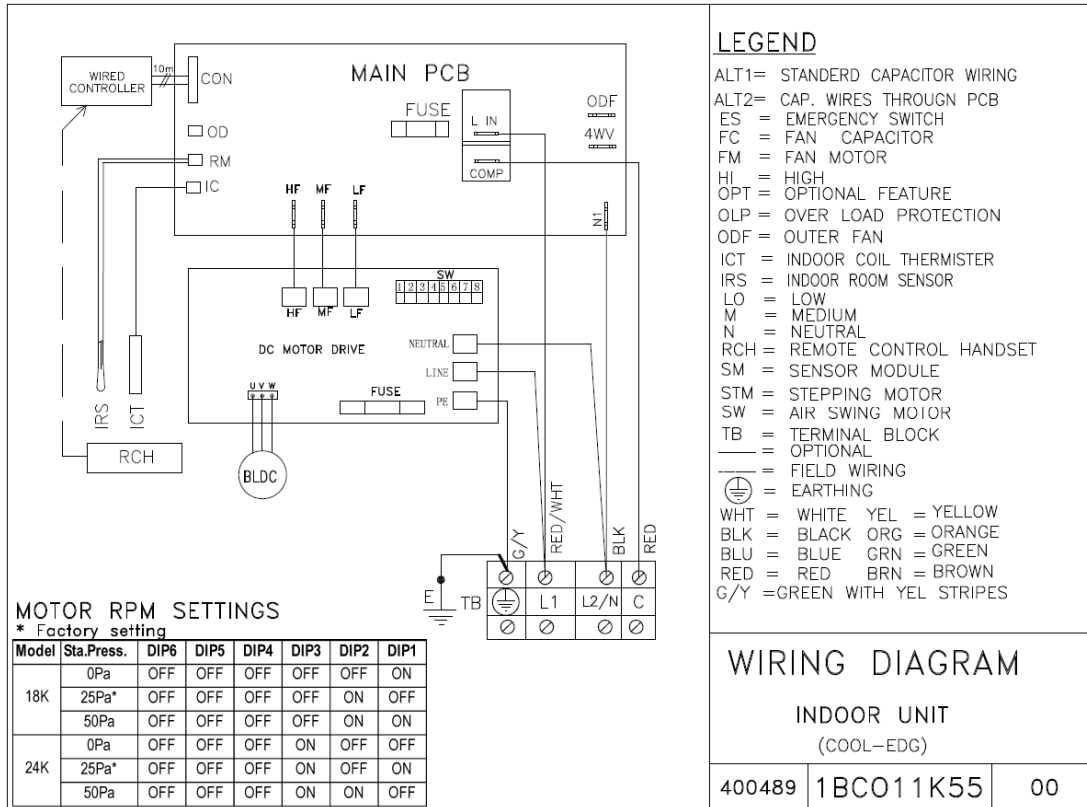
37K - 45K - 49K - 60K - 70K



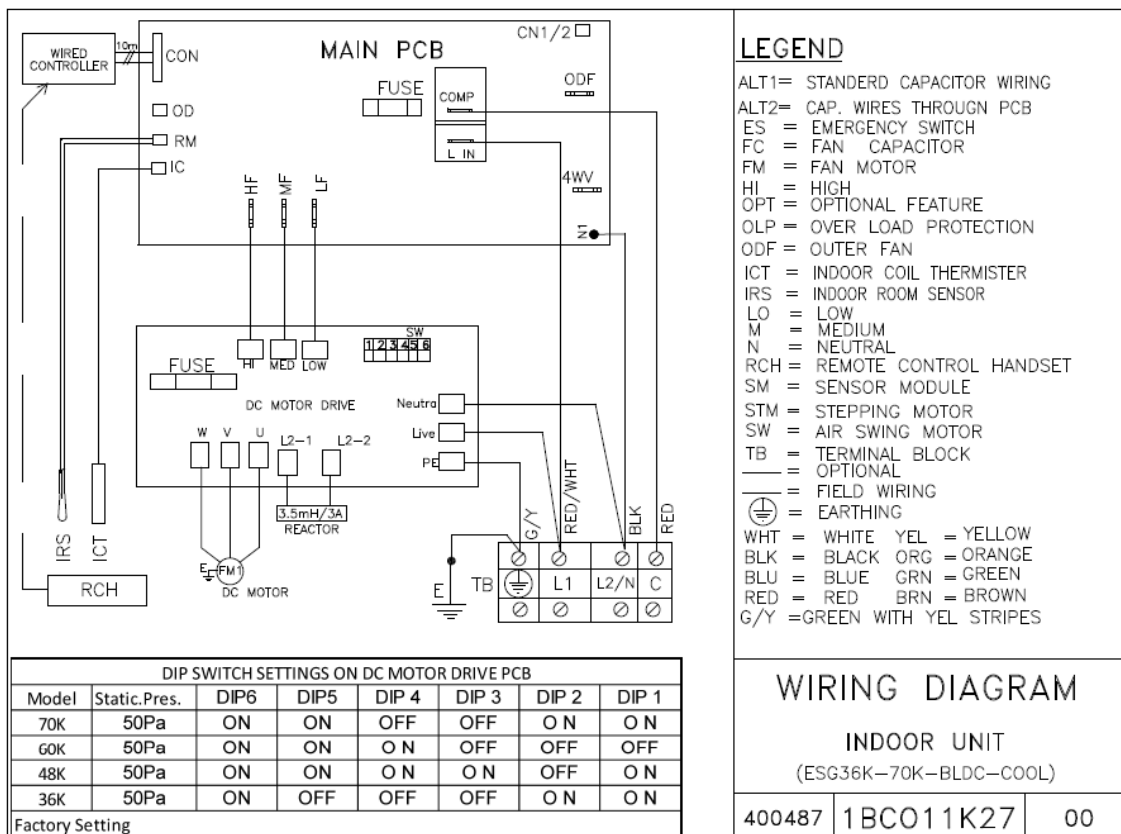
GALAXY SERIES DUCTED SPLIT - R410A PRODUCT DATA BOOK

WIRING DIAGRAM - INDOOR

18K - 24K

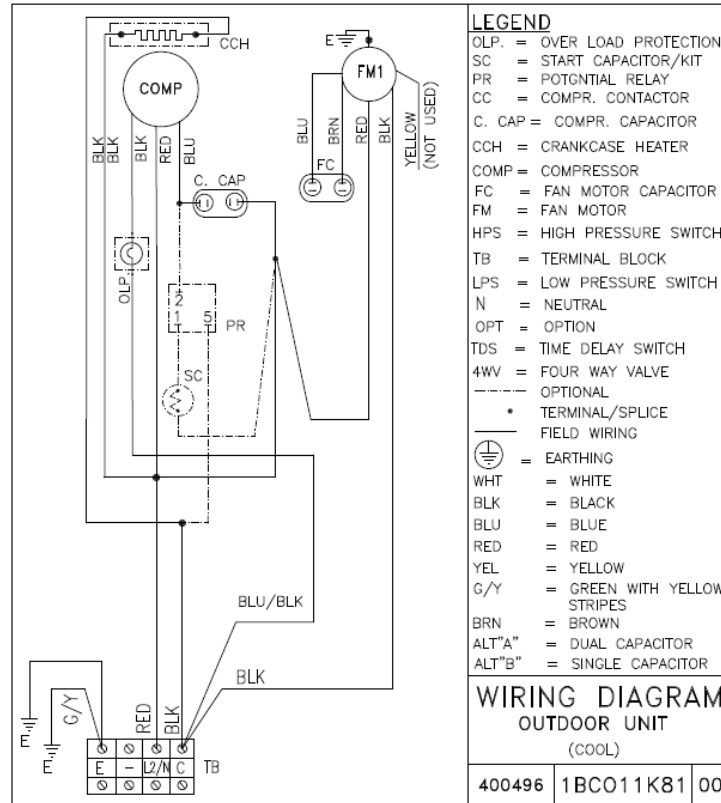


30K - 37K - 45K - 49K - 60K - 70K

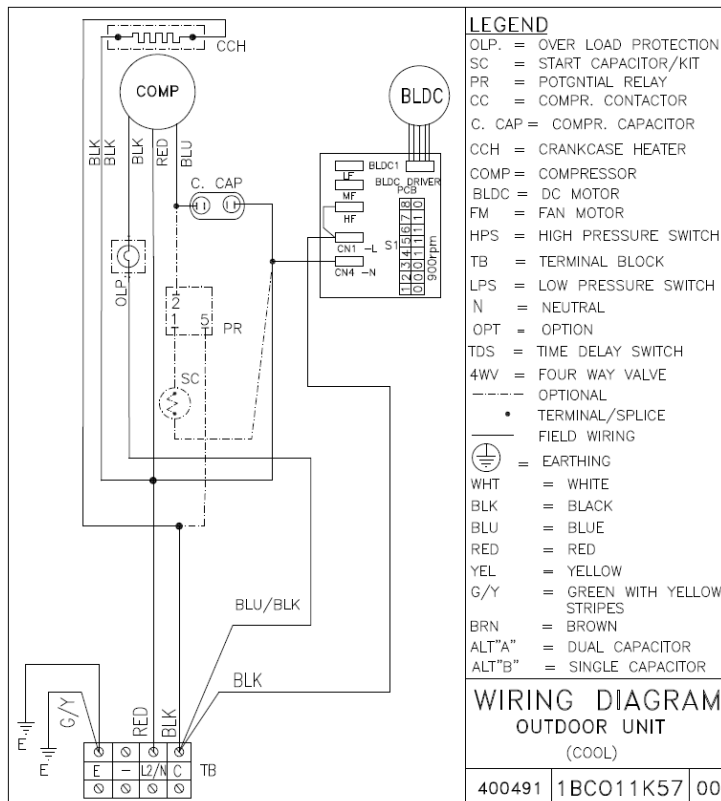


WIRING DIAGRAM - OUTDOOR

18K



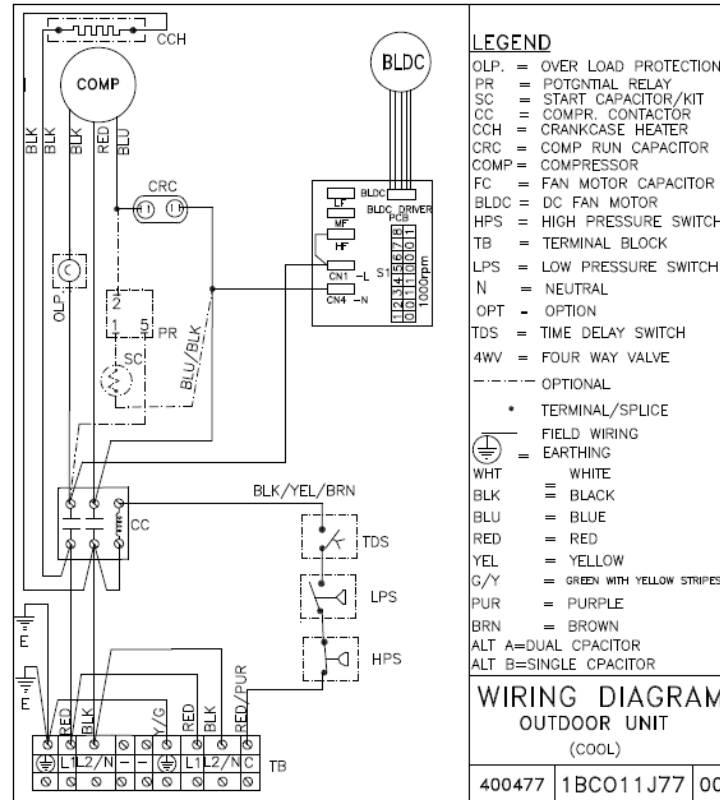
24K



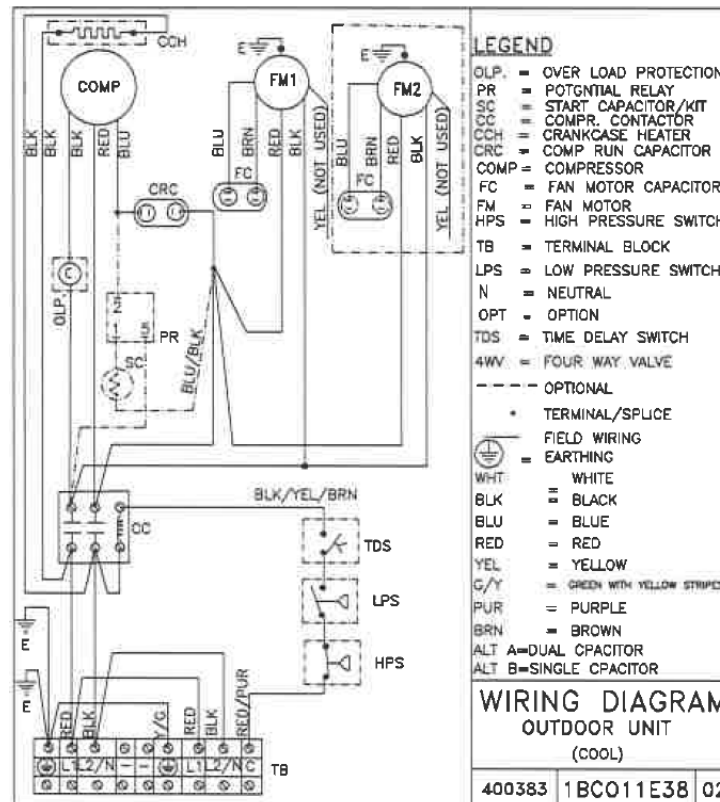
GALAXY SERIES DUCTED SPLIT - R410A PRODUCT DATA BOOK

WIRING DIAGRAM - OUTDOOR

30K

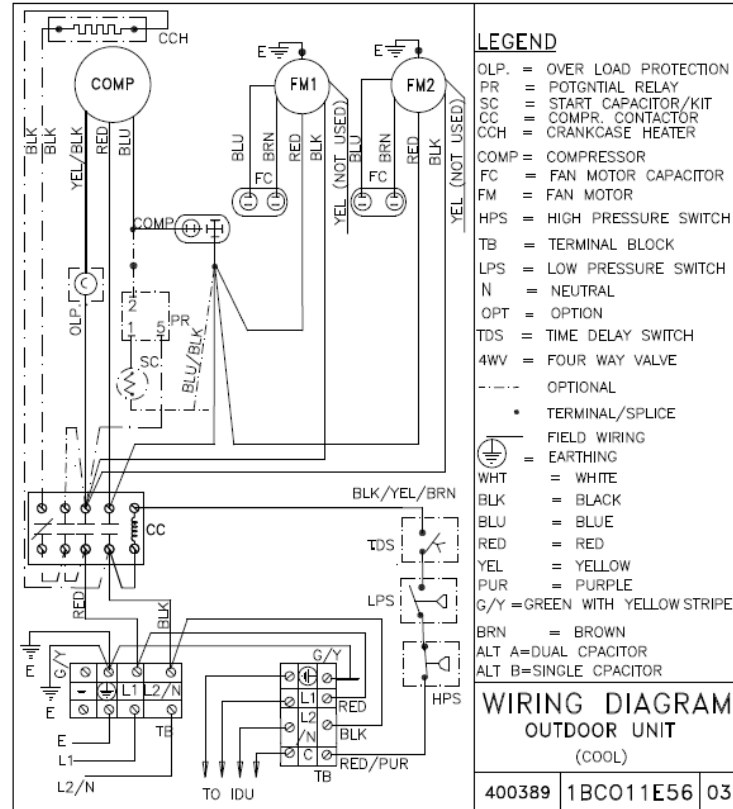


37K

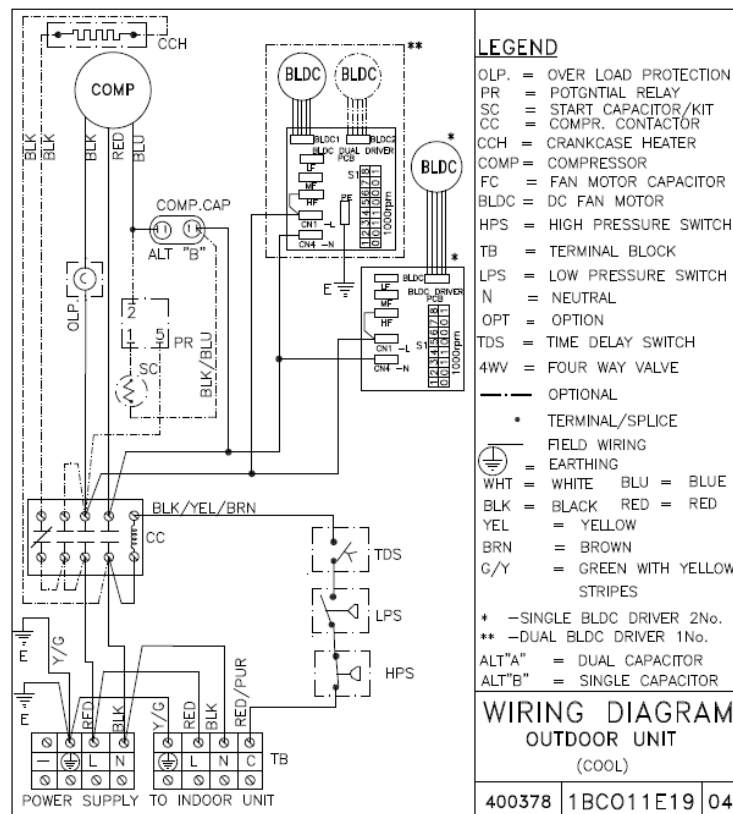


WIRING DIAGRAM - OUTDOOR

45K



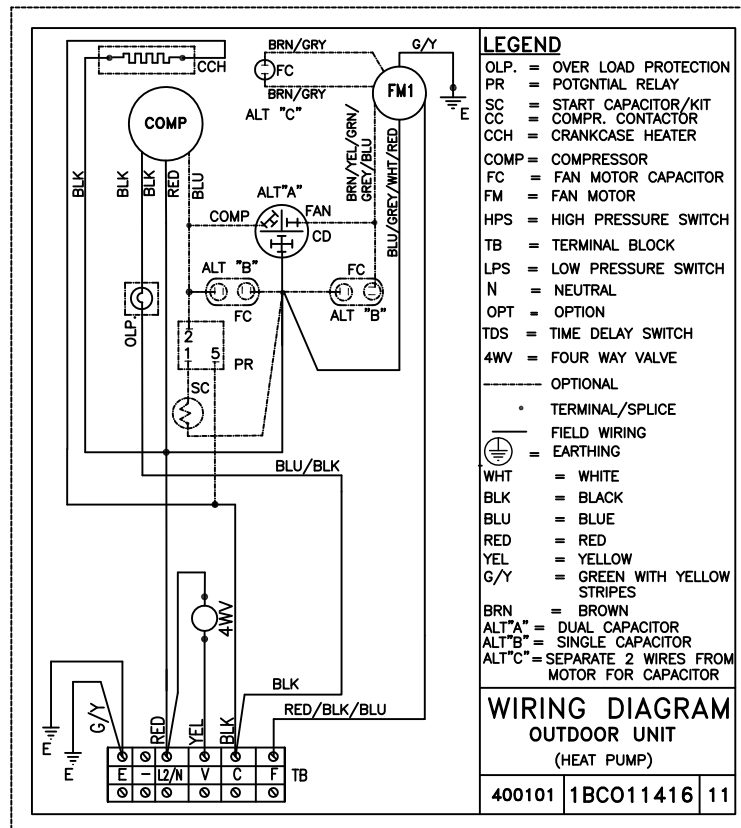
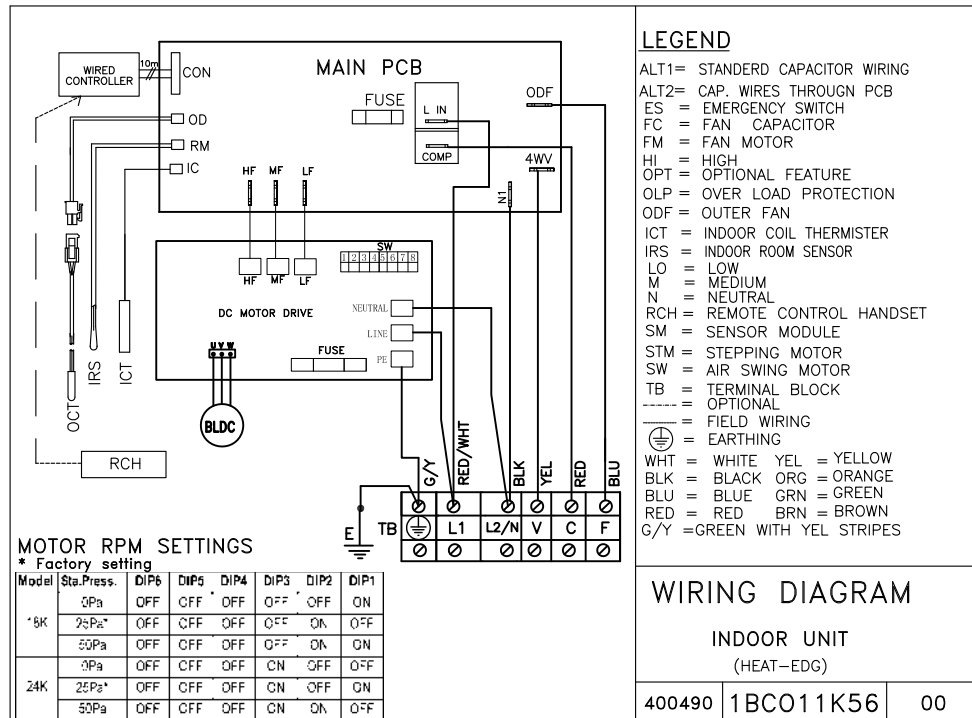
49K, 60K & 70K



GALAXY SERIES DUCTED SPLIT - R410A PRODUCT DATA BOOK

WIRING DIAGRAM - HEATING PERFORMANCE

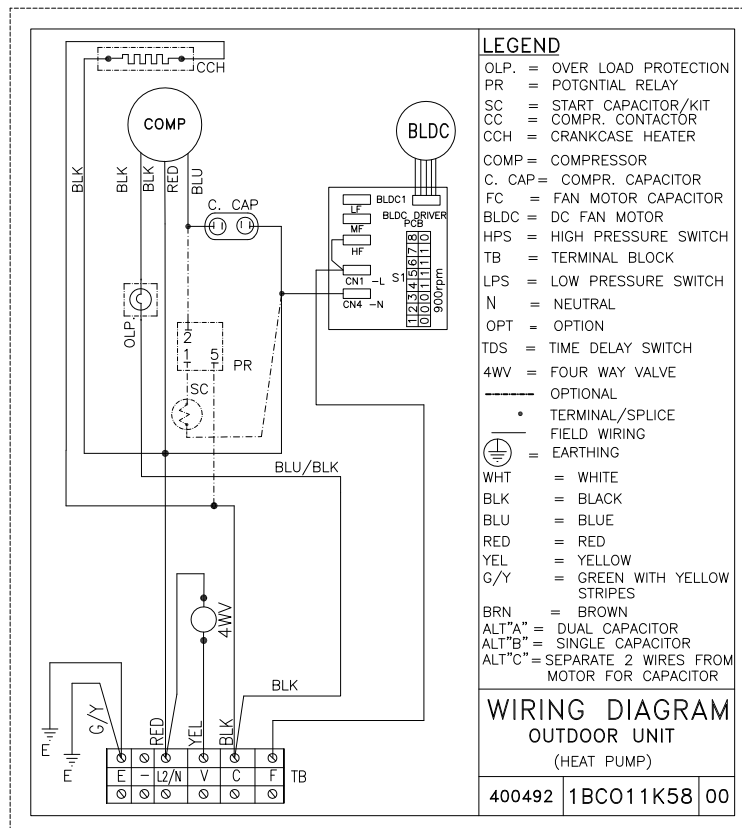
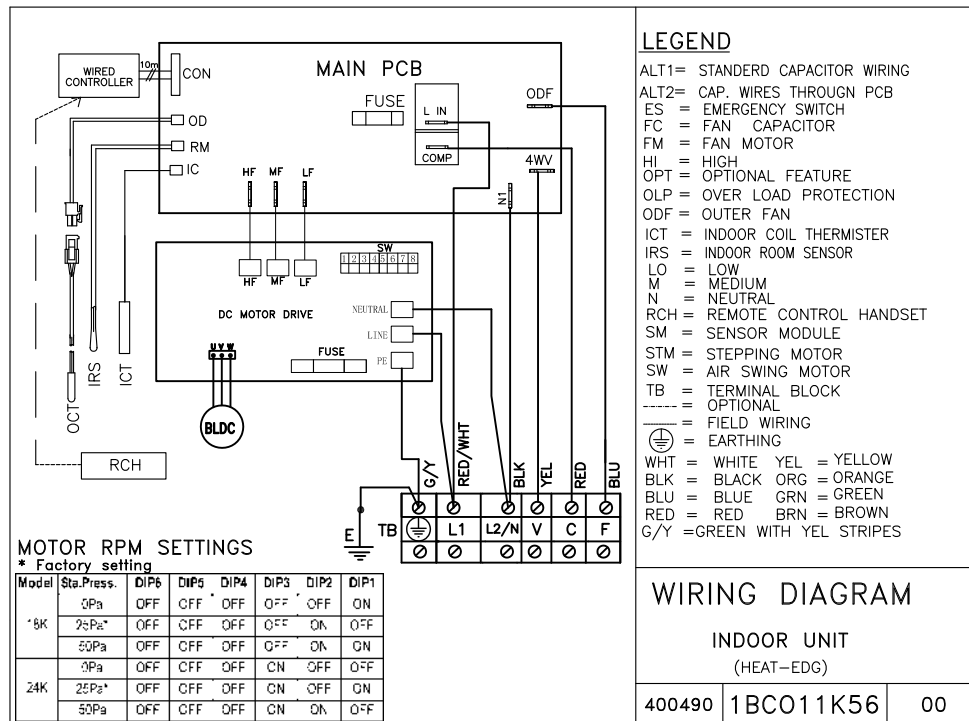
EDG18SH2 + CST18SH2



GALAXY SERIES DUCTED SPLIT - R410A PRODUCT DATA BOOK

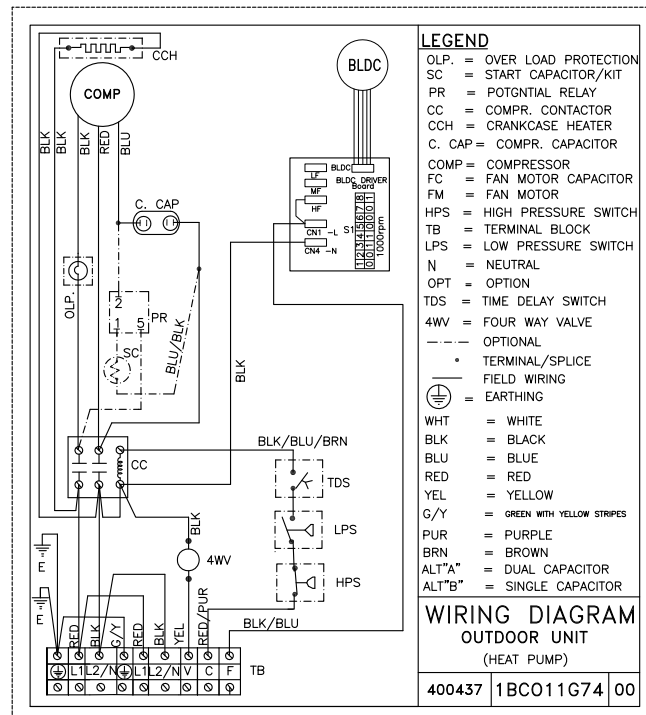
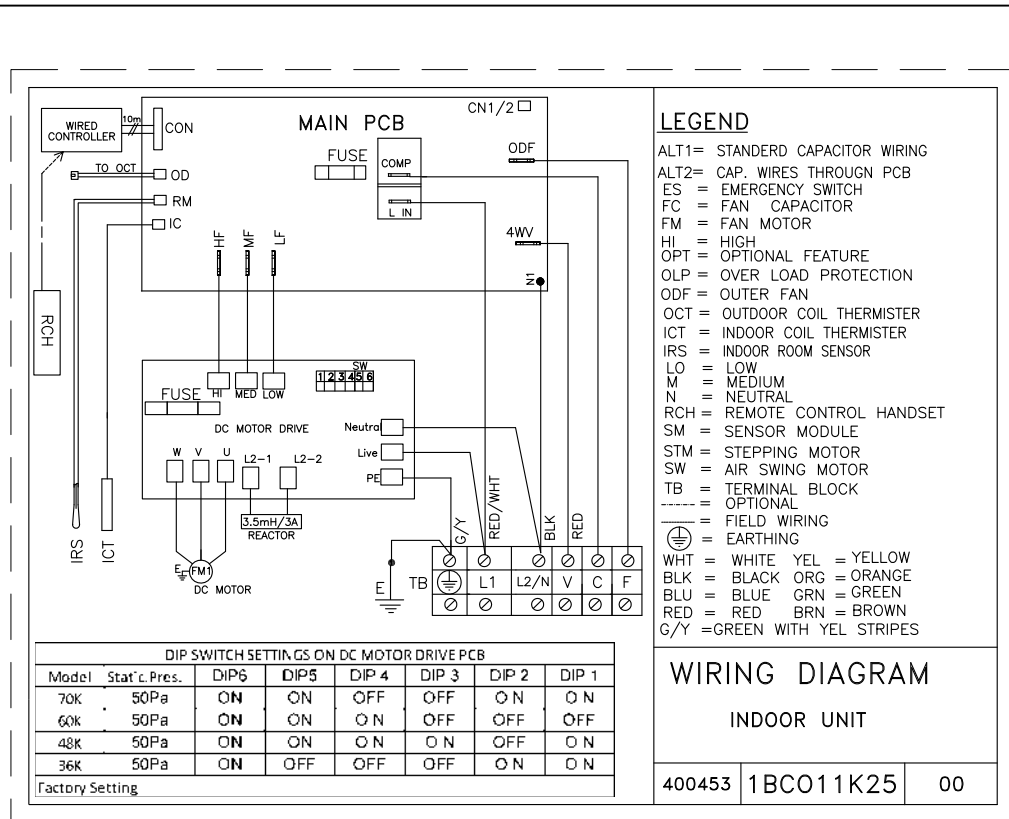
WIRING DIAGRAM - HEATING PERFORMANCE

ESG24SH2 + CST24SH2



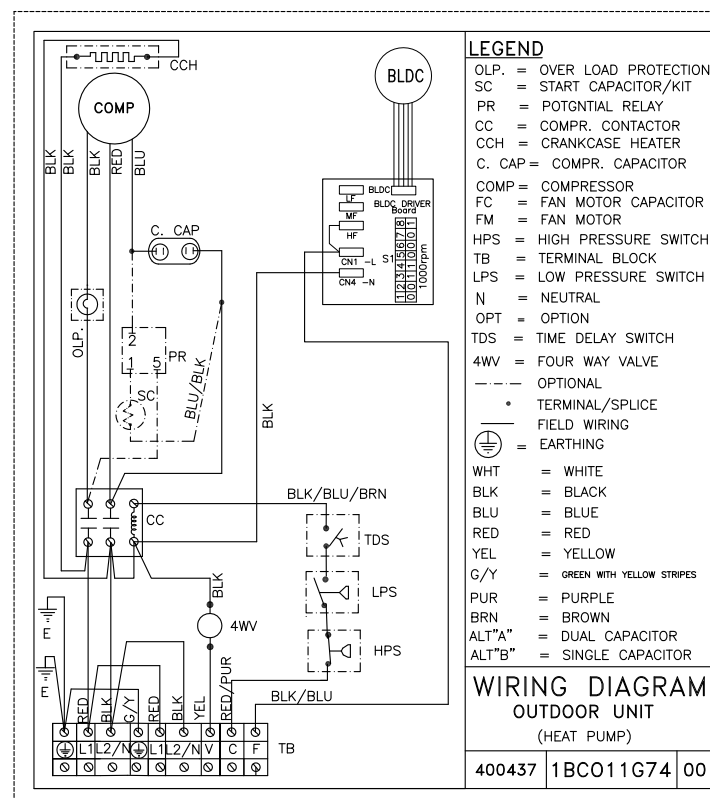
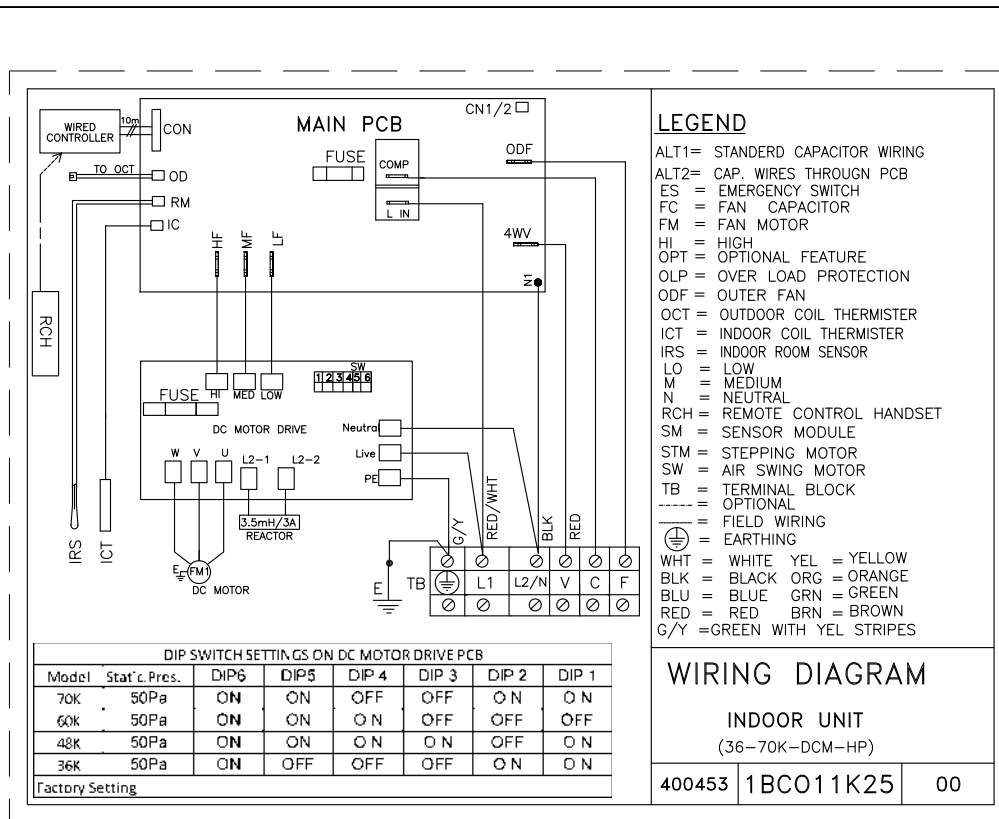
WIRING DIAGRAM - HEATING PERFORMANCE

ESG30SH2S2 + CST30SH2S2



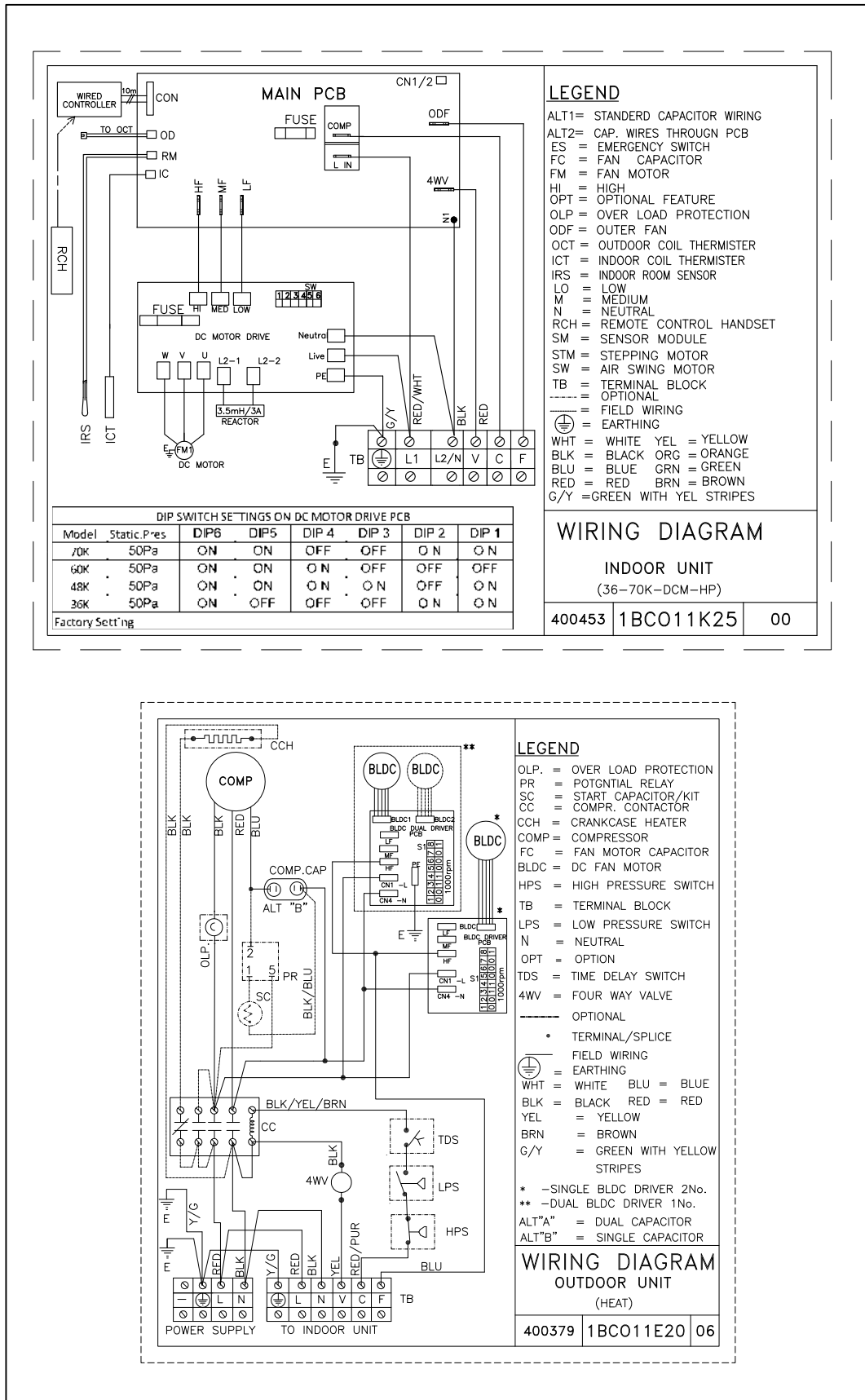
WIRING DIAGRAM - HEATING PERFORMANCE

ESG37SH2S2 + CST37SH2S2



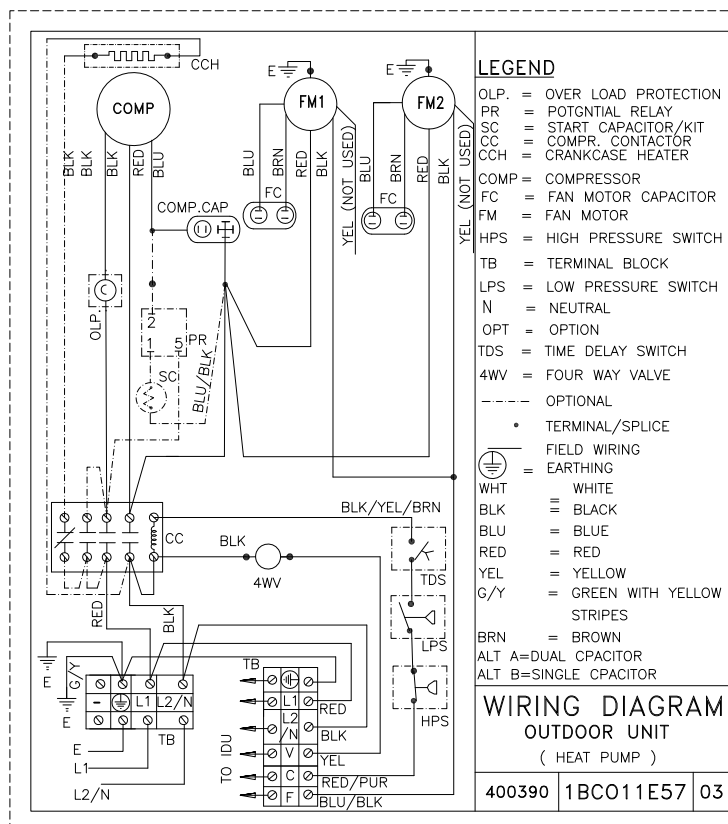
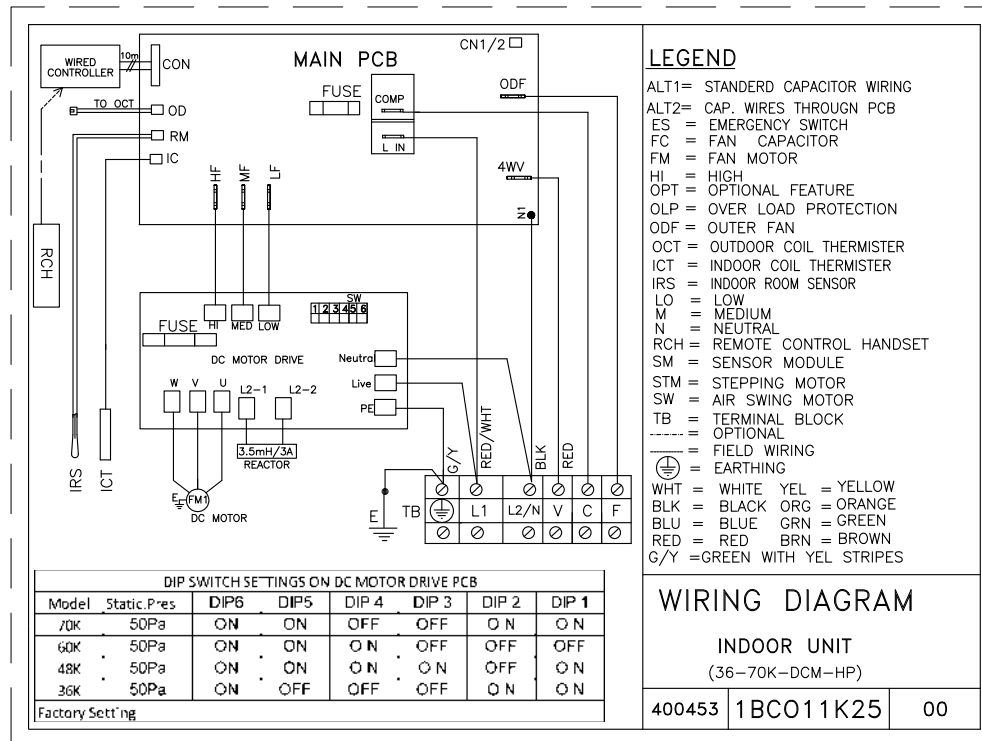
WIRING DIAGRAM - HEATING PERFORMANCE

ESG45SH2S2 + CSS45SH2S2



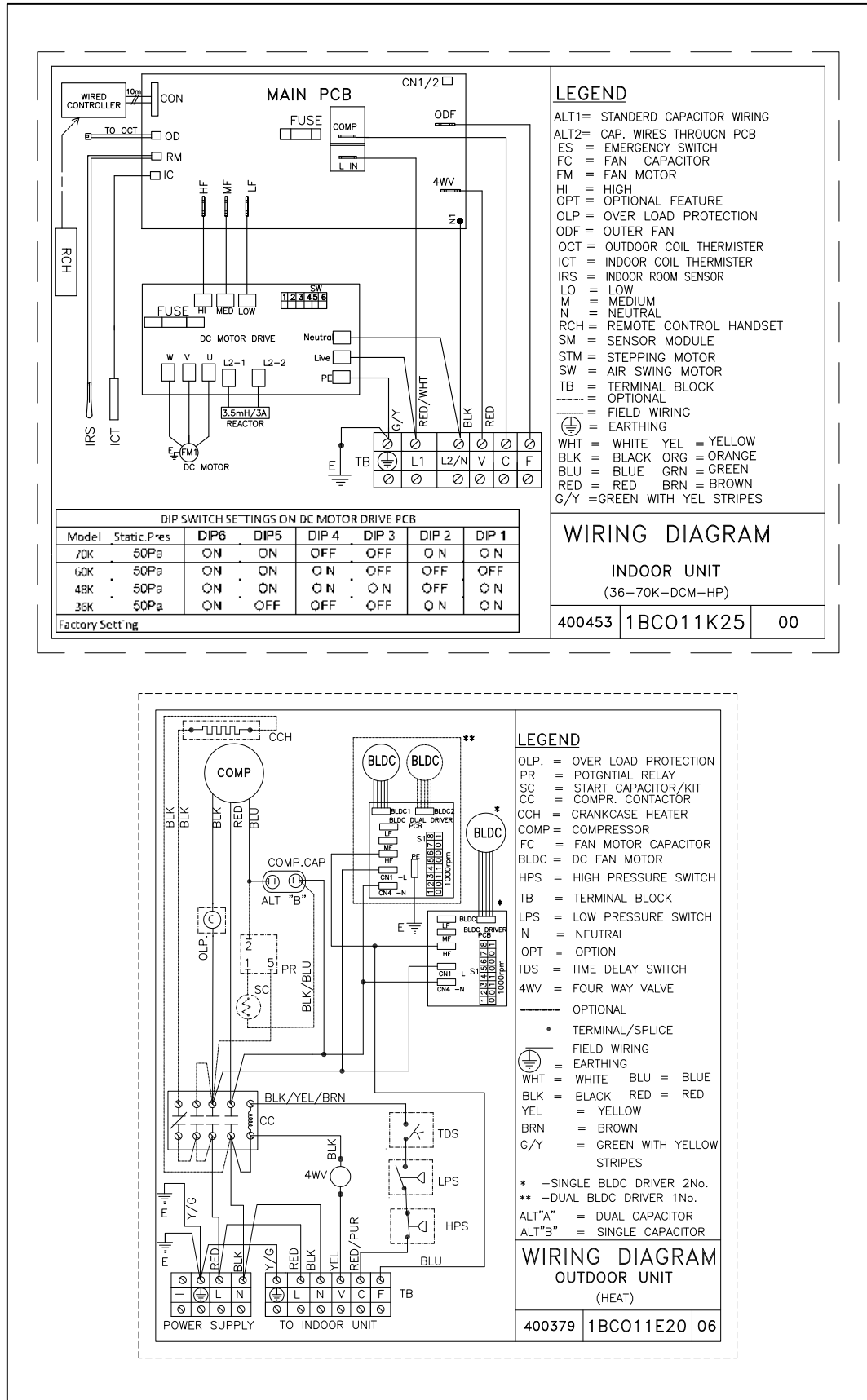
WIRING DIAGRAM - HEATING PERFORMANCE

ESG49SH2S2 + CSS49SH2S2



WIRING DIAGRAM - HEATING PERFORMANCE

ESG60SH2S2 + CSS60SH2S2



WIRING DIAGRAM - HEATING PERFORMANCE

ESG70SH2S1 + CSS70SH2S1

