



trucool™



REFRIGERATION COMPRESSOR

MODEL	HYB41Y	
Refrigerant	R134a	
Application	Low Back Bressure (LBP)	
Motor Type	RSIR	
Cooling Method	ST	
Cooling Capacity	Kcal/Hr	95
	Btu/Hr	376
Power Input	W	98
EER	Btu/W.Hr	3.84
Displacement	Cm3	4.1
Oil Charge	cc	130
Voltage Range*	v	160-254
Net Weight	Kg	6.1
Gross Weight	Kg	6.6
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QP2-12/B3	
Thermal Protector	DRB20P61A1/BT54-125	



MODEL	HYE55YL63	
Refrigerant	R134a	
Application	Low Back Pressure (LBP)	
Motor Type	RSCR	
Cooling Method	Static Cooling	
Cooling Capacity	Kcal/Hr	133.3
	Btu/Hr	528.9
Power Input	W	141
EER	Btu/W.Hr	3.75
Displacement	Cm3	5.5
Oil Charge	cc	200
Voltage Range*	v	160-254
Net Weight	Kg	8.1
Gross Weight	Kg	8.7
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QP2-12/B3	
Thermal Protector	DRB22P61A1	
Run Capacitor	3.0 μ F (female 6.3)	

MODEL	HY90Ya	
Refrigerant	R134a	
Application	Low Back Pressure (LBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	228
	Btu/Hr	903
Power Input	W	204
EER	Btu/W.Hr	4.43
Displacement	Cm3	9.0
Oil Charge	cc	300
Voltage Range*	v	160-260
Net Weight	Kg	11.4
Gross Weight	Kg	12.5
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QL2-6.0 B4	
Thermal Protector	B71-105/B	
Start Capacitor	61 μ F	
Run Capacitor	4 μ F	



MODEL	MG12QFG	
Refrigerant	R404a	
Application	Low Back Pressure (LBP)	
Motor Type	CSIR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	465
	Btu/Hr	1844
Power Input	W	482
EER	Btu/W.Hr	3.82
Displacement	Cm3	12.1
Oil Charge	cc	400
Voltage Range*	v	170-242
Net Weight	Kg	12.7
Gross Weight	Kg	13.6
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QLZ-9.05A	
Thermal Protector	B110-105	
Start Capacitor	61 μ F 330V	



MODEL	MGT12QLA	
Refrigerant	R404a	
Application	Low Back Pressure (LBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	569
	Btu/Hr	2257
Power Input	W	465
EER	Btu/W.Hr	4.85
Displacement	Cm3	12.1
Oil Charge	cc	400
Voltage Range*	v	187-254
Net Weight	Kg	13.0
Gross Weight	Kg	14.1
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QLZ-7.8A	
Thermal Protector	B96-105	
Start Capacitor	75 μ F 330V	
Run Capacitor	10 μ F 450V	





MODEL	HYE60YL63	
Refrigerant	R134a	
Application	Low Back Pressure (LBP)	
Motor Type	RSCR	
Cooling Method	Static Cooling	
Cooling Capacity	Kcal/Hr	150.5
	Btu/Hr	597.1
Power Input	W	159
EER	Btu/W.Hr	3.75
Displacement	Cm3	6.05
Oil Charge	cc	200
Voltage Range*	v	160-254
Net Weight	Kg	8.14
Gross Weight	Kg	8.74
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QP2-12/B3	
Thermal Protector	DRB23P61A1	
Run Capacitor	3.0 μ F (female 6.3)	



MODEL	HY131Ya	
Refrigerant	R134a	
Application	Low Back Pressure (LBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	327
	Btu/Hr	1296
Power Input	W	293
EER	Btu/W.Hr	4.61
Displacement	Cm3	13.1
Oil Charge	cc	300
Voltage Range*	v	160-260
Net Weight	Kg	11.4
Gross Weight	Kg	12.5
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QL2-8.0 B4	
Thermal Protector	B85-130/B	
Start Capacitor	75 μ F	
Run Capacitor	5 μ F	



MODEL	MEY80QLA	
Refrigerant	R404a	
Application	Low Back Pressure (LBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	350
	Btu/Hr	1389
Power Input	W	295
EER	Btu/W.Hr	4.71
Displacement	Cm3	14.3
Oil Charge	cc	400
Voltage Range*	v	187-254
Net Weight	Kg	11.6
Gross Weight	Kg	12.7
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QLZ-5.8A	
Thermal Protector	B71-105	
Start Capacitor	60 μ F/ 61 μ F	
Run Capacitor	10 μ F	



MODEL	MGT14QLA	
Refrigerant	R404a	
Application	Low Back Pressure (LBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	670
	Btu/Hr	2660
Power Input	W	564
EER	Btu/W.Hr	4.71
Displacement	Cm3	14.3
Oil Charge	cc	400
Voltage Range*	v	187-254
Net Weight	Kg	13.4
Gross Weight	Kg	14.5
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QLZ-9.05A	
Thermal Protector	B113-105	
Start Capacitor	61 μ F 330V	
Run Capacitor	12 μ F 450V	





MODEL	GU45TG	
Refrigerant	R134a	
Application	High Medium Back pressure	
Motor Type	CSIR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	404
	Btu/Hr	1604
Power Input	W	188
EER	Btu/W.Hr	8.53
Displacement	Cm3	4.5
Oil Charge	cc	200
Voltage Range*	v	187-253
Net Weight	Kg	8.6
Gross Weight	Kg	9.6
Electrical Accessories :		
Part Name	Model No.	
Assembly Starter and Protector	QLZ-4.0A/B85-130	
Start Capacitor	50 μ F	

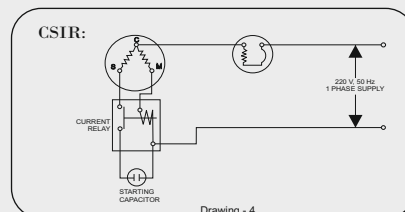
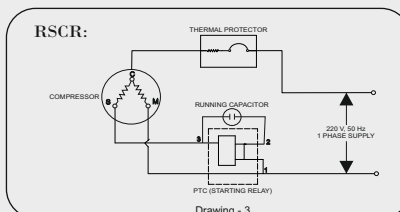
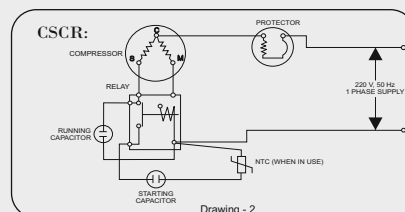
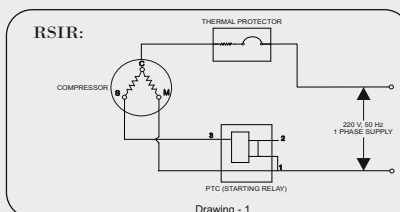
MODEL	HY113YZ	
Refrigerant	R134a	
Application	High Back Pressure (HBP)	
Motor Type	CSIR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	860
	Btu/Hr	3414
Power Input	W	455
EER	Btu/W.Hr	7.50
Displacement	Cm3	11.3
Oil Charge	cc	330
Voltage Range*	v	187-254
Net Weight	Kg	11.4
Gross Weight	Kg	12.5
Electrical Accessories :		
Part Name	Model No.	
Start Relay	QLZ-9.5 B3	
Thermal Protector	B120-135/B	
Start Capacitor	60 μ F/61 μ F	

MODEL	GPT16RG	
Refrigerant	R134a	
Application	High Back Pressure (HBP)	
Motor Type	CSCR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	1292
	Btu/Hr	5127
Power Input	W	638
EER	Btu/W.Hr	8.04
Displacement	Cm3	16.15
Oil Charge	cc	400
Voltage Range*	v	187-253
Net Weight	Kg	12.3
Gross Weight	Kg	13.6
Electrical Accessories :		
Part Name	Model No.	
Assembly Starter & Protector	QLZ-11.0A+15/B113-105,	
Start Capacitor	75 μ 330VF	
Run Capacitor	12 μ F 450V	



Wiring Diagram

MODEL	GPT18RA	
Refrigerant	R134a	
Application	High Back Pressure (HBP)	
Motor Type	CSR	
Cooling Method	Fan Cooling	
Cooling Capacity	Kcal/Hr	1419
	Btu/Hr	5630
Power Input	W	750
EER	Btu/W.Hr	7.51
Displacement	Cm3	18
Oil Charge	cc	400
Voltage Range*	v	187-254
Net Weight	Kg	13
Gross Weight	Kg	13.3
Electrical Accessories :		
Part Name	Model No.	
Assembly Starter and Protector	QLZ-11.0A/ B115-105	
Start Capacitor	50 μ F 330V	
Run Capacitor	16 μ F 450V	



*Standard Mounting Accessories & Electrical Accessories are part of the Compressor and include in the packing.
 *Always use Genuine Electrical Accessories provided with compressor to enhance performance & life of your compressor & Appliance.

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