



REFRIGERATION COMPRESSORS

KULTHORN KIRBY

Sealed Hermetic Piston Type (Unless Specified Otherwise)

Macscool	Model	Capacity	Motor	Electrical Connection	Hp
Part Number			Type	Box <u>Yes-No-N/A</u>	Est

LBP, R404a , 220-240V/50HZ/1PH

MCLA2420Z	AE2420ZK-SR	480W	CSR	NO	1/3
MCLA2428Z	AE2428ZK-SR	700W	CSR	NO	1/2
MCLA2440Z	WJ2440ZK-SA	967W	CSR	YES	3/4
MCLW2450Z	AW2450ZK-SA	1244W	CSR	YES	1+
MCLW2462Z	AW2462ZK-SA	1525W	CSR	YES	1 1/2-
MCLW2464Z	AW2464ZK-SA	1580W	CSR	YES	1 1/2
MCLW2495Z	AW2495ZK-SA	2322W	CSR	YES	2

LBP, R404a , 380-420V/50HZ/3PH

MCLW2495Z-9	AW2495Z-9	2322W	3PH	N/A	2
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MBP , R22 , 220-240V/50HZ/1PH

MCMA7422E	AE7422EK	550W	CSIR	NO	1/3
MCMA9422E	AE9422EK	595W	CSIR	NO	1/3 +
MCMA7426E	AE7426EK	640W	CSIR	NO	3/8
MCMA7435E	AE7435EK	870W	CSR	NO	1/2
MCMA7440E	AE7440EK	1010W	CSR	NO	1/2 +
MCMA7445E	AE7445EK	1113W	CSR	NO	5/8

MBP , R404a , 380-420V/50HZ/3PH

MCKA9522ZX G	KA9522ZXG	5596W	3PH	N/A		
MCKA9524ZX G	KA9524ZXG	6094W	3PH	N/A		
MCKA9528ZX G	KA9528ZXG	7032W	3PH	N/A		
MCKA9531ZX G	KA9531ZXG	8380W	3PH	N/A		
MCKA9535ZX G	KA9535ZXG	9376W	3PH	N/A		
MCKA9540ZX G	KA9540ZXG	10782W	3PH	N/A		
CBP , R22 , 220-240V/50HZ/1PH						
MCMW9460E	WJ9460EK-SA	1490W	CSR	YES	7/8	
MCMW9470E	WJ9470EK-SA	1700W	CSR	YES	7/8 +	
MCMW9485E	WJ9485EK-SA	2140W	CSR	YES	1 1/4	
MCMJ9510E	WJ9510EK-SA	2460W	CSR	YES	1 1/4 +	
CBP , R134a , 220-240V/50HZ/1PH						
MCMW9430Y	WJ9430YK-SA	880W	CSR	YES	1/2 +	
MCMW9445Y	WJ9445YK-SA	1170W	CSR	YES	5/8 +	
MCMW9460Y	WJ9460YK-SA	1580W	CSR	YES	3/4 +	
MBP ; HBP , R404a , 220-240V/50HZ/1PH						
MCWJ9490Z	WJ9490Z	2345W ; 3986W	CSR	YES	1 1/4	

HBP , R22 , 220-240V/50HZ/1PH						
MCMA4440E	AE4440EK	1000W	CSR	NO	1/3 +	
MCMA4448E	AE4448EK	1172W	CSR	NO	3/8	
MCMA4474E	AE4474EK	1800W	CSR	NO	1/2 +	
MCMW4519E	AW4519EK-SA	4835W	CSR	YES	1 1/4 +	
MCMW4520E	AW4520EK-SA	5200W	CSR	YES	1 1/2	
MCMW4522E	AW4522EK-SA	5667W	CSR	YES	1 1/2 +	
MCMW4528E	AW4528EK-SA	7108W	CSR	YES	2+	
HBP , R134a , 220-240V/50HZ/1PH						
MCMA4430Y	AE4430Y	833W	CSIR	NO	1/4	
MCMA4440Y	AE4440Y	1075W	CSIR	NO	1/3	
MCMA4448Y	AE4448Y	1190W	CSIR	NO	3/8	
HBP ; A/C , R22 , 220-240V/50HZ/1PH						
MCHW5510E	WJ5510EK	2690W ; 9178BTU/HR	PSC	NO		
MCHW5513E	WJ5513EK	3165W ; 10798BTU/HR	PSC	NO		
MCHW5515E	WJ5515EK	3517W ; 12000BTU/HR	PSC	NO		
MCHW5518E	WJ5518EK	4425W ; 15098BTU/HR	PSC	NO		
MCHW5519E	AW5519EK	4835W ; 16497BTU/HR	PSC	NO		
MCHW5532E	AW5532EK	7870W ; 26852BTU/HR	PSC	NO		
MCHW5535E	AW5535EK	8675W ; 29599BTU/HR	PSC	NO		
HBP ; A/C , R22 , 380-420V/50HZ/3PH						
MCKA5538EX	KA5538EXG	8800W ;	3PH	N/A		

G		30000BTU/HR				
MCKA5542EX G	KA5542EXG	10000W ; 34000BTU/HR	3PH	N/A		
MCKA5550EX G	KA5550EXG	12000W ; 41000BTU/HR	3PH	N/A		
MCKA5555EX G	KA5555EXG	13500W ; 46000BTU/HR	3PH	N/A		
MCKA5560EX G	KA5560EXG	15500W ; 53000BTU/HR	3PH	N/A		
MCKA5570EX G	KA5570EXG	17000W ; 58000BTU/HR	3PH	N/A		
MCLA5590EX G	LA5590EXG	22000W ; 75000BTU/HR	3PH	N/A		
MCLA5610EX G	LA5610EXG	25500W ; 87000BTU/HR	3PH	N/A		
MCLA5612EX G	LA5612EXG	28400W ; 97000BTU/HR	3PH	N/A		

A/C (ROTARY WITH SMALL SUCTION ACCUMULATOR) , R22 , 220-240V/50HZ/1PH

MCR5512E	RM5512GNE81	10000BTU/HR	PSC	NO		
MCR5515E	RM5515GNE81	12520BTU/HR	PSC	NO		
MCR5518E	RM5518GNE81	14980BTU/HR	PSC	NO		
MCR6523E	RM6523GNHE8 3	19180BTU/HR	PSC	NO		

CSIR=MOTOR PROTECTION+RELAY+START CAP.

CSR=MOTOR PROTECTION+RELAY+START & RUN CAP.

PSC=MOTOR PROTECTION+RUN CAP.

E=R22

Y=R134A

Z=R404A

SA=SUCTION SERVICE VALVE

POWER SUPPLY = 220 - 240 V A/C ; 50Hz ; 1 Phase

POWER SUPPLY = 380 - 420 V A/C ; 50Hz ; 3 Phase

LBP = LOW BACK PRESSURE = -23 SUCTION / 54 CONDENSING

MBP = MEDIUM BACK PRESSURE = -7 SUCTION / 54 CONDENSING

CBP = COMERCIAL BACK PRESSURE = -7SUCTION / 54 CONDENSING

HBP = HIGH BACK PRESSURE = +7 SUCTION / 54 CONDENSING				
A/C = AIRCONDITIONING = +7 SUCTION / 54 CONDENSING				
CONDENSING UNITS = AMBIENT DESIGN @ 35C				
WATT X 3.412 = BTU				