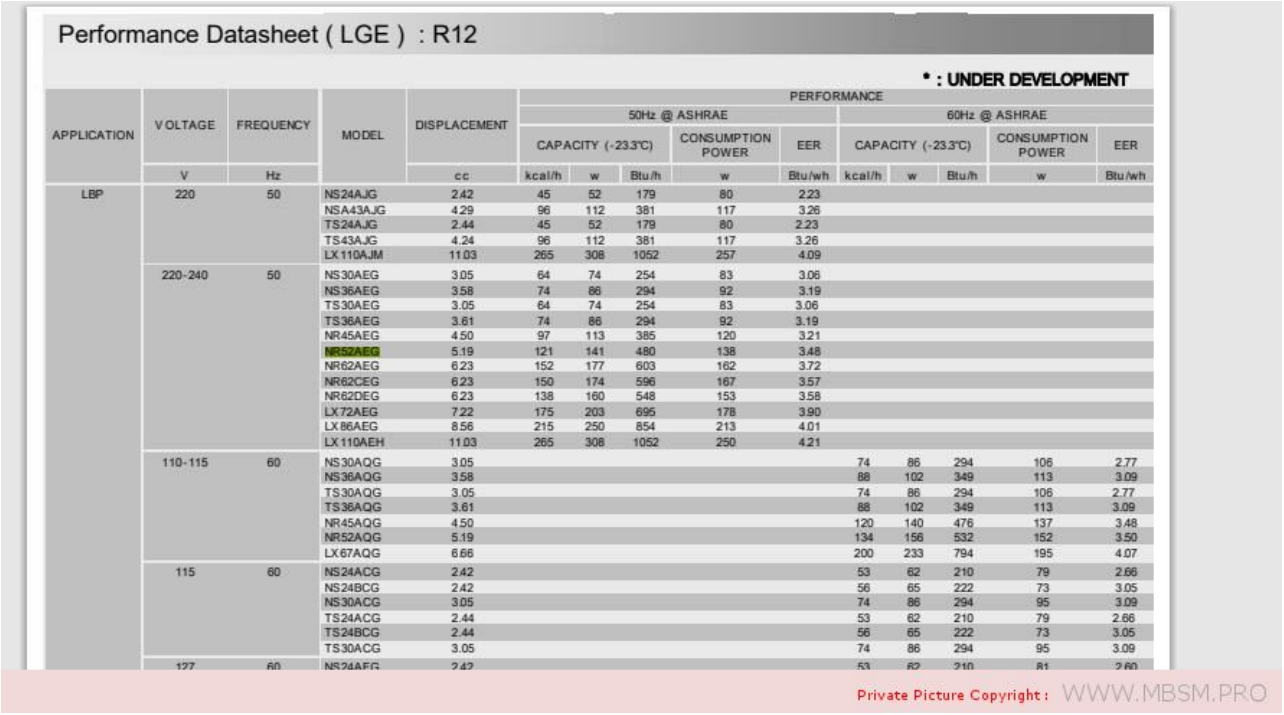
LG ,NR52AEG ,1/5Hp , R12 , 220v 50Hz , 1 Phase

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Performance Datasheet (LGE) : R12

* : UNDER DEVELOPMENT

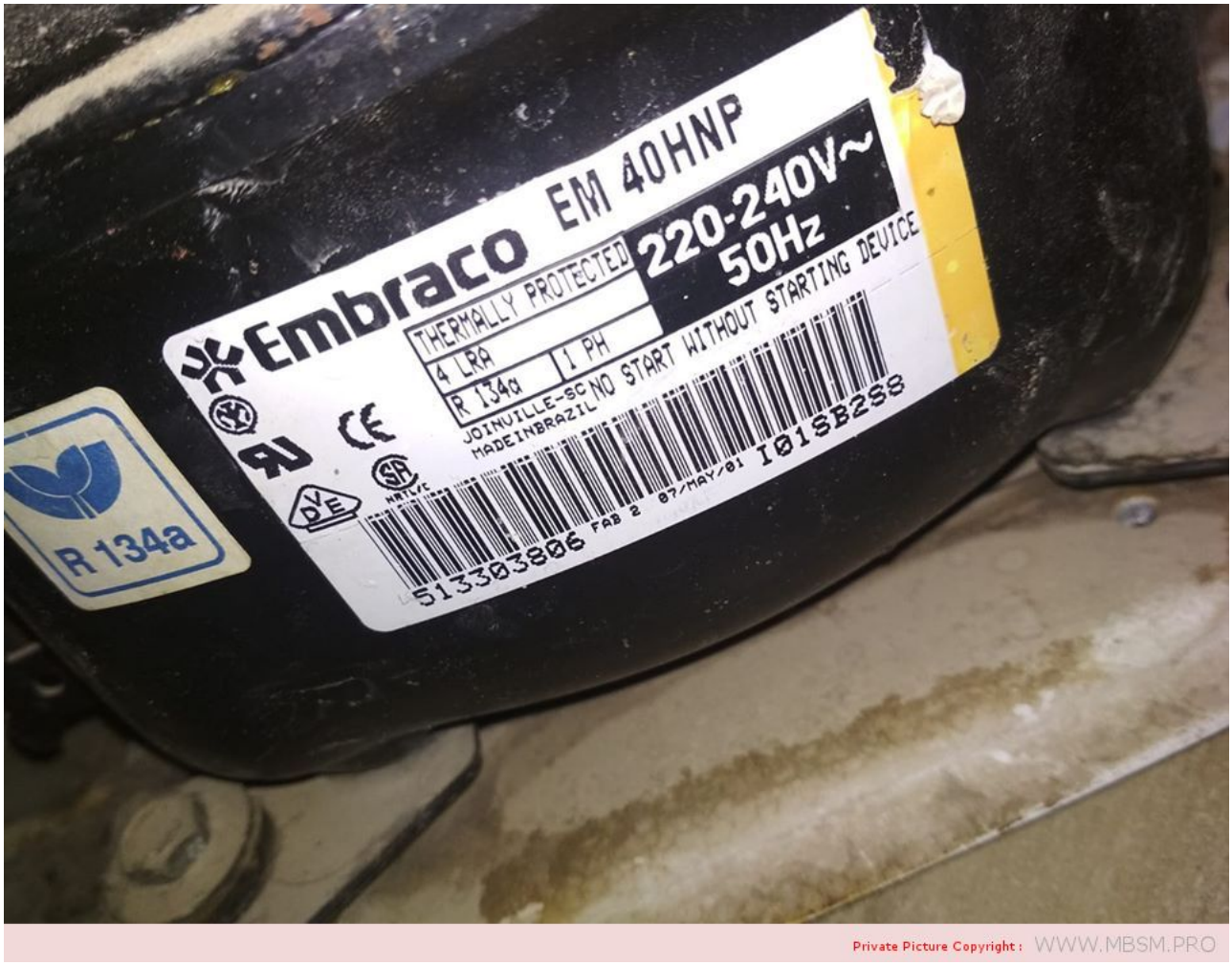
APPLICATION	VOLTAGE	FREQUENCY	MODEL	DISPLACEMENT	PERFORMANCE									
					50Hz @ ASHRAE					60Hz @ ASHRAE				
					CAPACITY (-23.3℃)			CONSUMPTION POWER	EER	CAPACITY (-23.3℃)			CONSUMPTION POWER	EER
	V	Hz		cc	kcal/h	w	Btu/h	w	Btu/wh	kcal/h	w	Btu/h	w	Btu/wh
LBP	220	50	NS24AJG	2.42	45	52	179	80	2.23					
			NSA43AJG	4.29	96	112	381	117	3.26					
			TS24AJG	2.44	45	52	179	80	2.23					
			TS43AJG	4.24	96	112	381	117	3.26					
			LX110AJM	11.03	265	308	1052	257	4.09					
	220-240	50	NS30AEG	3.05	64	74	254	83	3.06					
			NS36AEG	3.58	74	86	294	92	3.19					
			TS30AEG	3.05	64	74	254	83	3.06					
			TS36AEG	3.61	74	86	294	92	3.19					
			NR45AEG	4.50	97	113	385	120	3.21					
			NR52AEG	5.19	121	141	480	138	3.48					
			NR62AEG	6.23	152	177	603	162	3.72					
			NR62CEG	6.23	150	174	596	167	3.57					
			NR62DEG	6.23	138	160	548	153	3.58					
			LX72AEG	7.22	175	203	695	178	3.90					
			LX86AEG	8.56	215	250	854	213	4.01					
			LX110AEH	11.03	265	308	1052	250	4.21					
	110-115	60	NS30AQG	3.05						74	86	294	106	2.77
			NS36AQG	3.58						88	102	349	113	3.09
			TS30AQG	3.05						74	86	294	106	2.77
			TS36AQG	3.61						88	102	349	113	3.09
			NR45AQG	4.50						120	140	476	137	3.48
			NR52AQG	5.19						134	156	532	152	3.50
			LX67AQG	6.66						200	233	794	195	4.07
	115	60	NS24ACG	2.42						53	62	210	79	2.66
			NS24BCG	2.42						56	65	222	73	3.05
			NS30ACG	3.05						74	86	294	95	3.09
			TS24ACG	2.44						53	62	210	79	2.66
			TS24BCG	2.44						56	65	222	73	3.05
			TS30ACG	3.05						74	86	294	95	3.09
	127	60	NS24AFG	2.42						53	62	210	81	2.60

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LG ,NR52AEG ,1/5Hp , R12 , 220v 50Hz , 1 Phase

Em40Hnp, Embraco Compressor, Aspera ,R134A 240V 50hz , 1/8 Hp , 1 Phase

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Em40Hnp, Embraco Compressor, Aspera ,R134A 240V 50hz , 1/8 Hp , 1 Phase

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Tecumseh , CAJ4511A ,Compressor , 1 HP, 208-230V, 1 PHASE, R12, Hermetic ,Reciprocating Compressor Replacement

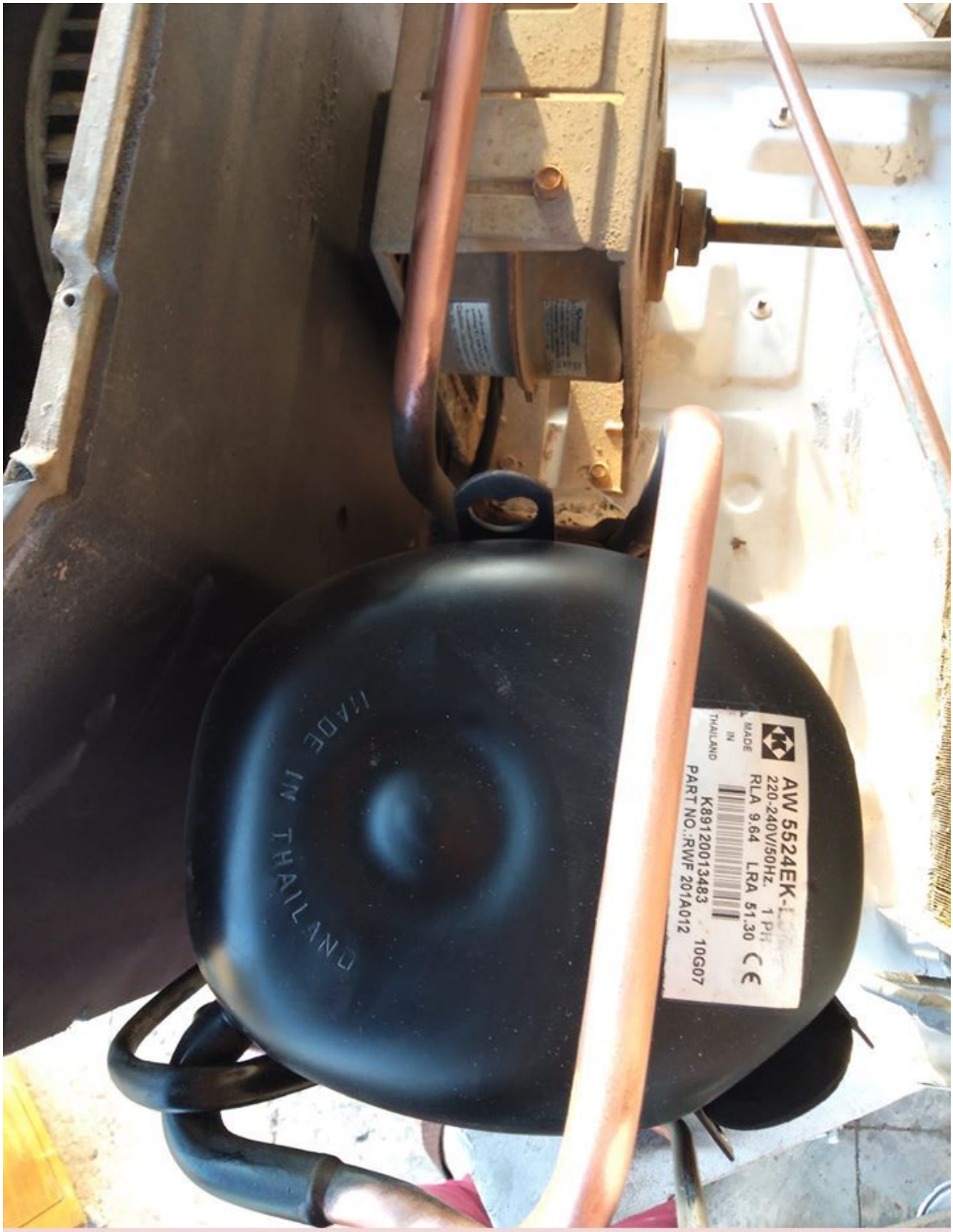
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Tecumseh , CAJ4511A ,Compressor , 1 HP, 208-230V, 1 PHASE, R12, Hermetic ,Reciprocating Compressor Replacement

HERMETIC ,AW5524EK ,Compressor , 20,950 BTU ,230/1/60 R-22 ,: 220-240 V/50 Hz., 1 Phase , 1.7458333333 TON

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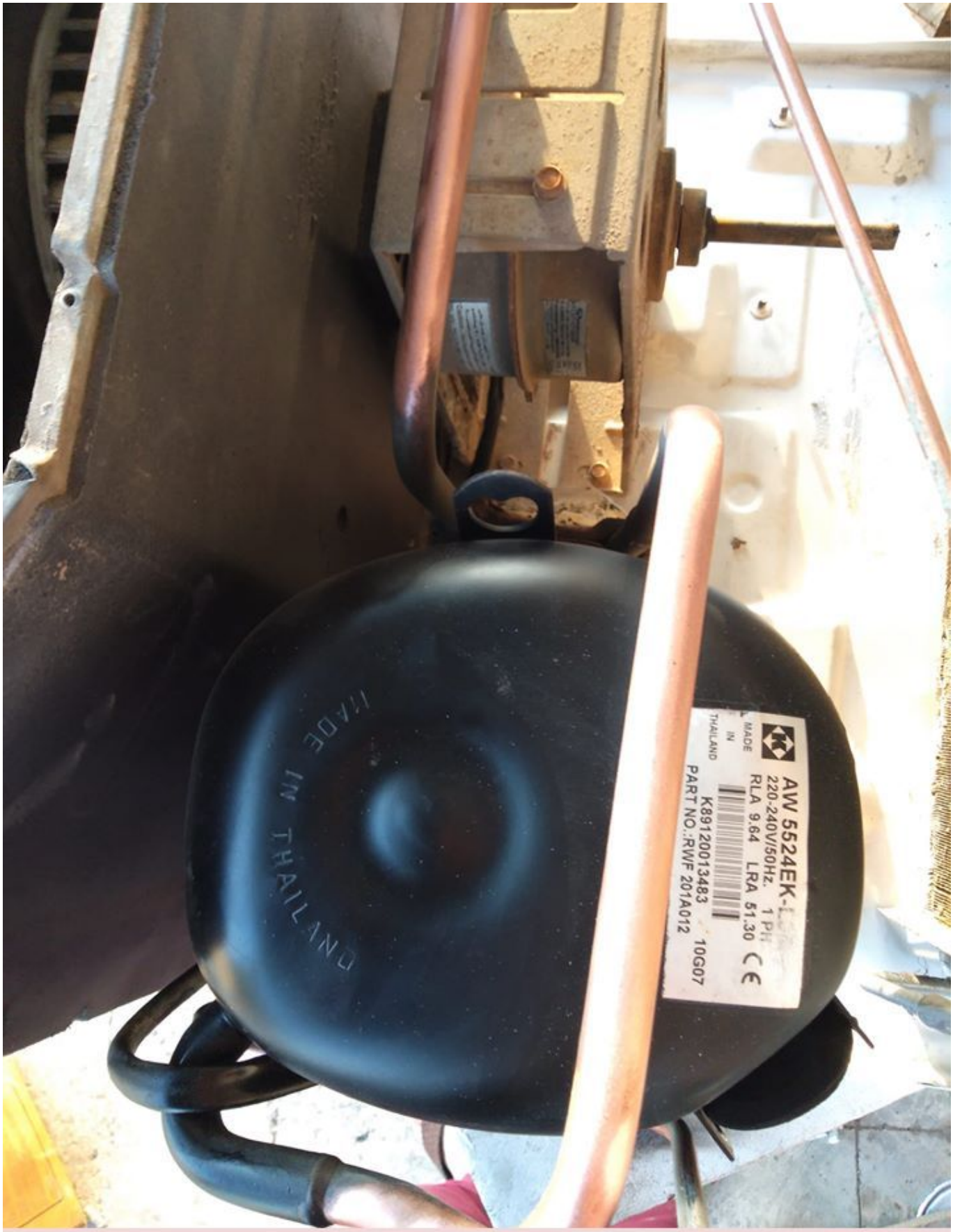


PictureS Mbsm Dot Pro : www.mbsm.pro

Electrical : 220-240 V/50 Hz. 1 Phase
Nominal Performance
Capacity 6,140 / – Watts
20,950 / – BTU/Hr
5,280 / – Kcal/Hr
Power Input 2,089 / – Watts
Locked Rotor Amps 51.30 / – Amps

Max Continuous Current – / – Amps
Rated Load Amps 9.64 / – Amps
COP 2.94 / – Watts / Watts
EER 10.03 / – BTU/W-Hr
Testing Conditions
Condensing Temperature 54.40 °C 129.9 °F
Evaporating Temperature 7.20 / – °C 45.0 / – °F
Liquid Temperature 46.10 °C 115.0 °F
Return Gas Temperature 35.00 °C 95.0 °F
Ambient Temperature 35.00 °C 95.0 °F
Application
Evaporating Temp. Range HBP, A/C @ 0.00 ° C to 13.00 ° C
(32.0° F to 55.4° F)
Heat Pump -23.30 ° C to 13.00 ° C
(-9.9° F to 55.4° F)
Refrigerant R22
Refrigerant Flow Control Capillary Tube
Compressor Cooling Fan
Compressor and Motor data
Compressor Type Reciprocating
Displacement 43.10 cc.
Oil Type Mineral Oil
Oil Charge 964 cc.
Motor Type P.S.C ; 2 Pole 2,850 / – r/m
Voltage Range 198-264/- Volts 50/- Hz.
Winding Resistance at 25 ° C
Start 2.52 Ohms
Run 1.24 Ohms
Weight with Oil 27.72 Kg.
Weight with Oil and Accessories 28.05 Kg.
Electrical Components
Motor Protector
Type Internal Overload
Model Number 4042KGE661-2
Open / Close 125-135 / 50-70 ° C
1st Cycle trip at 25 ° C 50.00 Amps(main) 30.00 Amps(start)
Motor Starter
Type Potential Relay
Model Number 4043KGE681-4(RVA3G6D)
Pick Up (max.) 180.00-195.00 Volts
Drop Out (min.) 40.00-90.00 Volts
Terminal Cover KGM 901-3
Start Capacitor 88-106 µF 330 VAC.
Disch Resistor for Start Cap –
Run Capacitor 45 µF 370/440 VAC.
Mounting Kit
Rubber Grommet 4007KGM905-2
Sleeve Grommet 4023KGM903-2
Washer –
Since we are constantly improving our product , the

specification are subject to change without notice.
REV. DATE C / N No.
ECN 01-04-14 ECN 0515/13



PictureS Mbsm Dot Pro : www.mbsm.pro



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