



HOSHIZAKI AMERICA, INC.

SERVICE BULLETIN

SB99-0017

August 17, 1999

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Subject: TECHNICAL INFORMATION FOR KM-900M_F CUBER

The following technical information applies to the new KM-900 cuber series.

Unit Size: 37 1/2" high X 30" wide X 27 1/2" deep

Drain System: Standard pump-out and overflow-flush system.

Voltage Requirements: 208-230 / 60 / 1 (3 wire with neutral for 115V)

Amperage: MAF - 11 A	MWF - 10.2 A
MRF - 12.5A	MRF3 - 6.5 A

Maximum Circuit Amps: MAF/MRF - 20 A MWF - 15 A (Separate circuit)

Refrigerant Type - R-404A

Refrigerant Charge - MAF	3 lb. 7 oz. (1550g)
MWF	1 lb. 7 oz. (650g.)
MRF	Unit - 5 lb. 8 oz. (2500g)
	Cond. - 4 lb. 6 oz. (2000g)
	Total - 9 lb. 14 oz. (4500g)

Ice production per cycle – 14.3 lbs. (6.5 kg.) 720 pcs.

Compressor Data - Copeland RS64C1E-CAV Capacity (BTU/h) 6,460
RLA - 7.7 LRA - 37

(Resistance @ 25° C) SWR- 7.366 ~ 8.474 ohms RWR- 1.442 ~ 1.659 ohms

Oil Charge - 24 FL. oz. (710 cc)

Oil Type – POE EAL 22cc

Control Board Settings (dip switch): All M models - 1, 2, 4, 7, 8, & 9 OFF

Heat of Rejection for AC Load - MAF	- 14,800 BTU/h
MWF	- 2,445 BTU/h
MRF	- 2,350 BTU/h

MRF3 - 2,270 BTU/h

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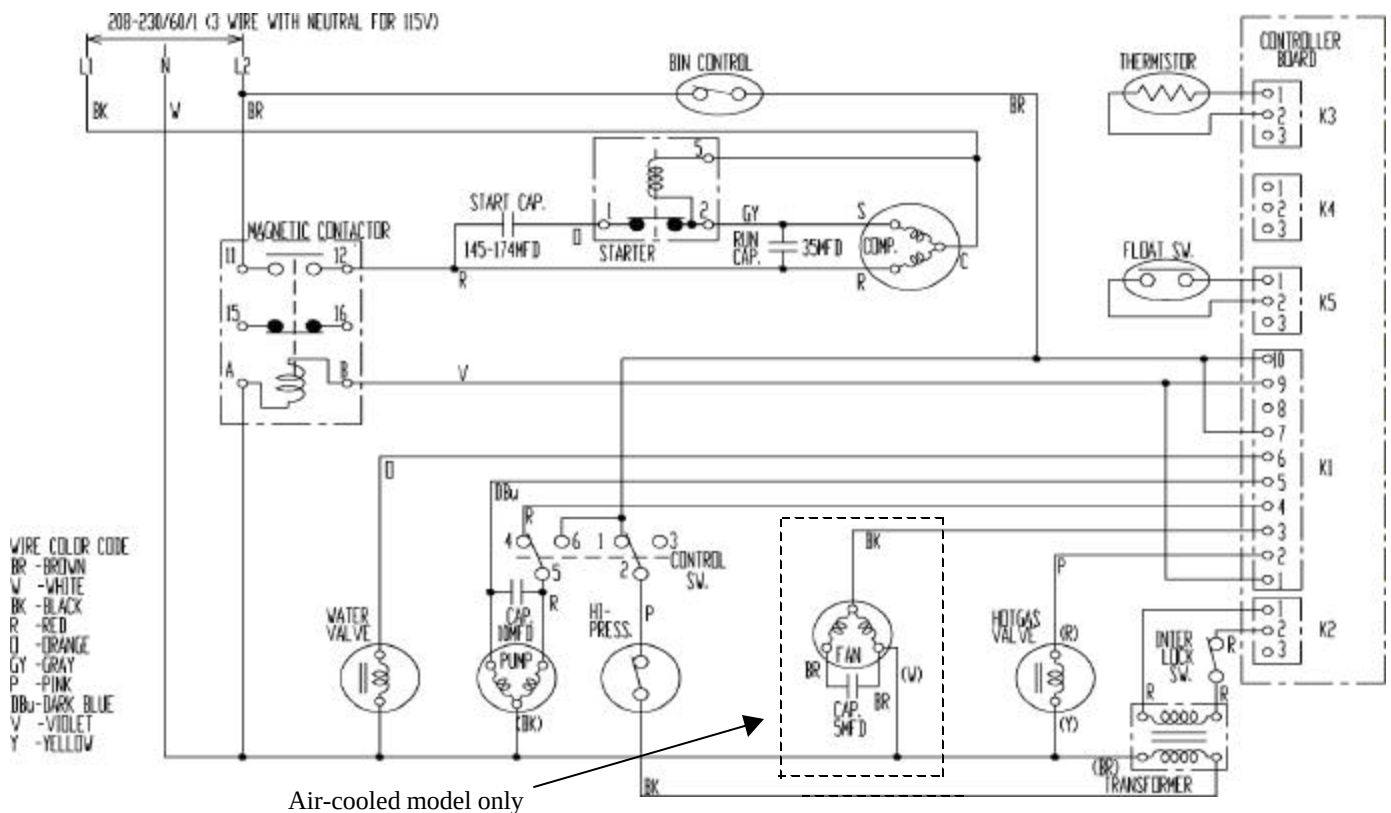
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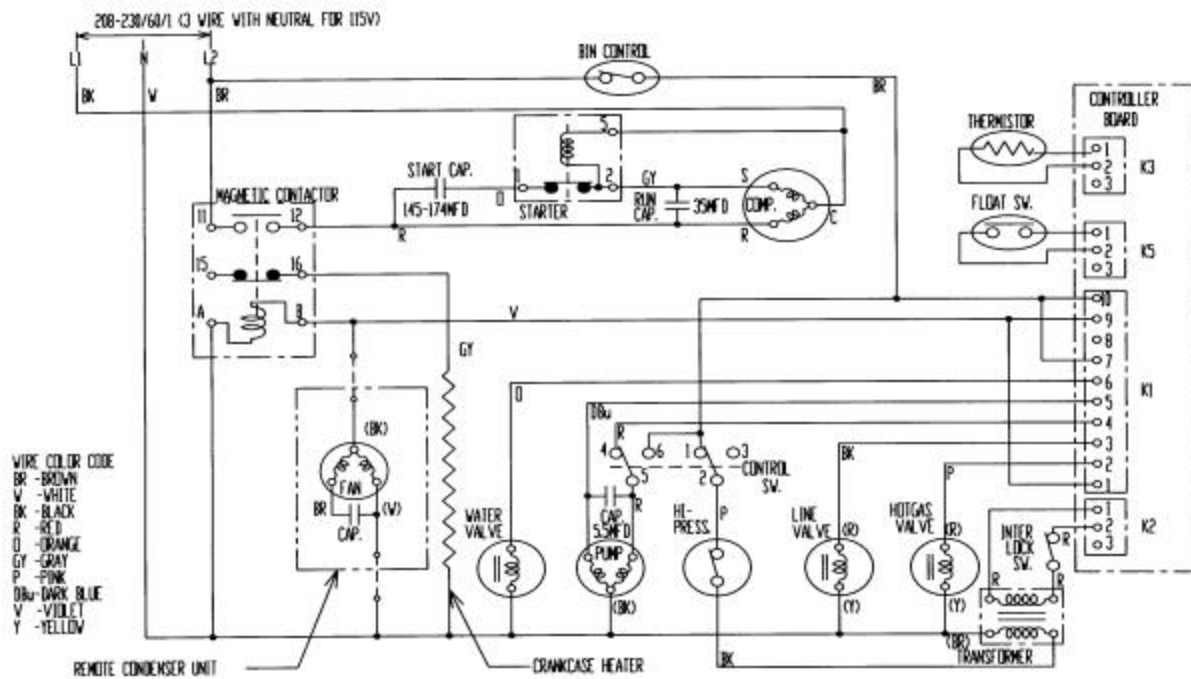
Performance Data KM-900M_F series:

Ambient Temp (F°)	70					80					90					100				
	Water Temp.	Air	Water	Remote	Air	Water	Remote	Air	Water	Remote	Air	Water	Remote	Air	Water	Remote	Air	Water	Remote	Air
Production 24 hours	50	838	853	835	812	840	821	804	836			817	795	818	808					
	70	804	836	817	759	813	792	721	794			772	710	780	764					
	90	759	787	786	715	750	758	676	736			739	634	683	708					
Cycle Time Evaporator	50	21	21	21	22	21	22	22	22	22	22	23	22	22						
	70	22	22	22	24	22	23	26	23	24	27	23	24							
	90	25	23	24	27	25	25	29	25	26	31	27	28							
Cycle Time Harvest	50	4.5	3.5	4.5	4.1	3.3	4.1	4.0	3.2	3.9	3.9	3.2	4.0							
	70	3.9	3.2	3.9	3.1	2.8	3.1	2.5	2.5	2.5	2.4	2.4	2.4							
	90	3.5	2.9	3.5	3.0	2.6	3.1	2.2	2.2	2.2	2.0	2.0	2.0							
Pressure High Side	50	245	278	220	262	280	230	267	280	233	272	284	289							
	70	267	280	233	296	283	251	320	285	265	327	288	270							
	90	296	290	255	324	297	274	349	298	288	375	310	310							
Pressure Low Side	50	33	37	32	35	38	34	36	38	34	37	39	34							
	70	36	38	34	39	40	37	42	42	40	43	43	41							
	90	40	41	37	43	43	40	46	45	43	50	47	45							

Wiring Diagram KM-900MAF/MWF:



Wiring Diagram for KM-900 MRF:



Wiring diagram for KM-900MRF3:

