



AIRMASTER PORTABLE AIR-COOLED AIR CONDITIONER INSTALLATION & OPERATION MANUAL



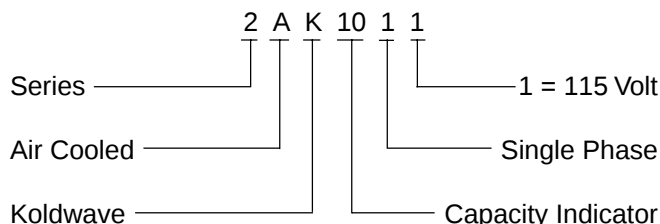
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GENERAL DESCRIPTION

The Koldwave Airmaster is a portable air-cooled zone cooler which directs cool air to specific areas or objects through four, adjustable, four-way grilles. Many small computer and telephone rooms, tanning bed rooms, laboratories, factories, and numerous areas can be cooled by its indicated cooling capacity. The Koldwave Airmaster can also be used for back-up cooling or as an emergency stand-by unit.

The cord-connected Koldwave Airmaster is provided with heavy-duty casters. The swivel casters provide handling ease for convenient relocation. This unit is completely self-contained with the entire refrigeration system, electrical components, condenser and evaporator housed in an attractively-designed, painted metal cabinet.

NOMENCLATURE



KOLDWAVE 2AK (AIRMMASTER)

KOLDWAVE AIRMMASTER 2AK SERVICE AND REPLACEMENT PARTS LIST

PART #	DESCRIPTION	2AK10	2AK14
STRAINERS			
010-A-050	STRAINER #750011-6	X	X
ASSEMBLIES, STRAINER AND CAP TUBE			
SA010-A-099	STRAINER CAP TUBE ASSEMBLY	X	
SA010-A-098	STRAINER CAP TUBE ASSEMBLY		X
BLOWERS AND BLOWER ACCESSORIES			
013-A-151	BLOWER WHEEL S52-34/18-1/2 CW	X	X
013-A-152	BLOWER WHEEL S52-33/18-1/2 CCW	X	X
013-C-154	BLOWER HOUSING #450C EVAPORATOR	X	X
013-C-155	BLOWER ASSEMBLY 90-7T CONDENSER	X	X
013-B-153	INLET RING #517	X	X
COMPRESSORS			
020-A-233	COMPRESSOR RK124AT	X	
020-A-261	COMPRESSOR 2P17S3R1268		X
ELECTRICAL COMPONENTS			
025-A-645	SERVICE CORD 16/3 15 AMP 115V.	X	
025-A-624	SERVICE CORD 14/3 20 AMP 115V.		X
025-A-616	RED INDICATOR LIGHT 3LF4LRN1-20L 115V.	X	X
025-A-617	BLUE INDICATOR LIGH 3LF4LRN1-30L 115V.	X	X
025-A-608	ROCKER SWITCH TIGM721 COOL/OFF/FAN	X	X
025-A-609	ROCKER SWITCH TIGB51 LO/HI	X	X
SA025-A-618A	MICROSWITCH BA-2RV-A2	X	X
FILTER/AIR			
030-A-041	EVAPORATOR FILTER 15-7/8 X 18	X	X
030-A-055	CONDENSER FILTER 16-1/2 X 19-3/8	X	X
EVAPORATORS			
031-A-215	EVAPORATOR COIL #61488	X	
031-A-208	EVAPORATOR COIL #61259		X
CONDENSERS			
031-A-216	CONDENSER COIL #61489	X	X
MOTORS/BLOWERS			
050-D-146	EVAPORATOR 7189-6316	X	X
050-D-145	CONDENSER 7121-2186	X	X
CAPACITORS/MOTORS			
017-A-010	RUN CAPACITOR 25 MFD @ 370V.	X	X
017-A-099	RUN CAPACITOR 5 MFD @ 370V.	X	X
CASTERS			
021-A-044	CASTERS 121-2.5 (4 BOLT MOUNT)	X	X
CONTROLS			
066-A-090	HIGH PRESSURE SWITCH G23-5304-37	X	X
066-A-104	DEFROST CONTROL A30-2316-00	X	X
066-A-098	THERMOSTAT C12-2027	X	X
CAPILLARY TUBES			
067-A-285	CAPILLARY TUBE .049 X 56"	2	3
DISCHARGE GRILLES			
SA038-D-013	GRILLE ASSEMBLY W/SPRING CLIP	X	X
076-A-921	SPRING CLIP	X	X
KNOBS AND HANDLES			
041-A-015	CONTROL KNOB G-11-ML	X	X
042-A-016	DOOR PULL 14208-3740	X	X
ASSEMBLIES/CABINET			
076-C-2214	LEFT SIDE PANEL	X	X
076-C-2216	RIGHT SIDE PANEL	X	X
076-D-2210	FRONT PANEL W/SILK-SCREEN	X	X
076-D-2209	TOP PANEL	X	X
076-C-2224	REAR PANEL	X	X
076-C-2217	ACCESS DOOR	X	X