



## INSTALLATION & OPERATION MANUAL

### SINGLE INLET EVAPORATIVE COOLERS

Circle the model of your cooler and record the serial number.  
*Encierre con un círculo el modelo de su enfriador y escribe el número de serie.*

<b>ADA51</b>	<b>ADA5112</b>	<b>ADA71</b>	<b>ADA7112</b>
<b>ASA51</b>	<b>ASA5112</b>	<b>ASA71</b>	<b>ASA7112</b>
<b>AUA51</b>	<b>AUA5112</b>	<b>AUA71</b>	<b>AUA7112</b>

Date of Purchase:  
*Fecha de compra:*

Serial Number:  
*Número de serie:*

**READ CAREFULLY ALL OF THIS MANUAL BEFORE INSTALLING THE UNIT**

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#### READ AND SAVE THESE INSTRUCTIONS

##### SAFETY RULES

1. Read all instructions carefully.
2. Electrical connections should be done by a qualified electrician, so that all electrical wiring will conform to your local codes.
3. Always turn OFF POWER and UNPLUG motor and pump inside the cooler before installing or performing any maintenance.
4. Your cooler will run on either 120V or 240V A.C., single phase, 60 Hz (cycle) current.
5. Motor and pump have a grounded, molded plug and an automatic thermal overload switch which will shut motor off when it overheats. The motor will restart automatically when it cools down.

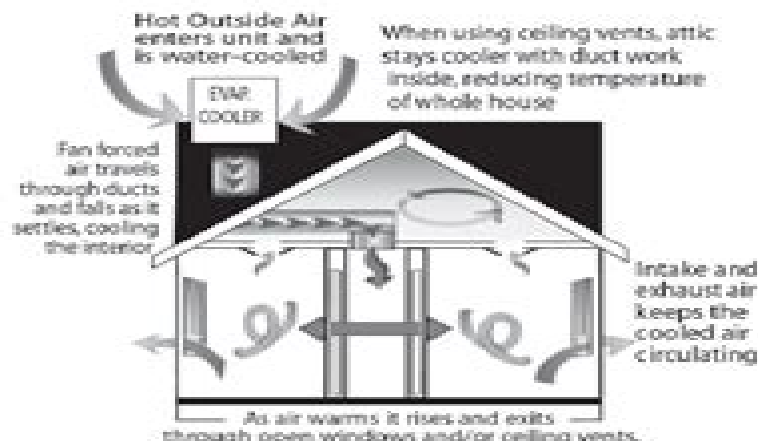
**⚠WARNING:** To reduce the risk of fire or electric shock, do not use this fan with any "solid-state fan speed control device."

## HOW EVAPORATIVE COOLERS WORK

Evaporative cooling is nature's way of cooling. When air is moved over a wet surface, water is evaporated and heat is absorbed. When stepping out of swimming pool with the wind blowing, evaporative cooling makes you feel cool, even though the air may be warm.

This unit works on the same principle. Air is drawn across wet filter pads where the air is cooled by evaporation and then circulated throughout the building. It is this combination of cooled air and the movement of air over the skin which makes it feel cool.

Unlike refrigeration systems which recirculate the air, an evaporative cooler continually brings in fresh air while exhausting old air. You are completely replacing the air every 2 to 4 minutes by opening windows or doors, by using Up-Dux® ceiling vents, or a combination of both. The air is always fresh, not stale, laden with smoke and odors as happens with refrigerated air conditioning.



# Champion Mastercool Manual

**L. C. Forier (ed)**



## **Champion Mastercool Manual:**

Evaporative Air Conditioning Handbook John R. Watt, Will K. Brown, 1997 Providing guidance to design engineers and contractors this book illustrates in full detail how operational savings of 50 to 75 percent can be achieved with evaporative cooling technologies compared to equivalent electric based systems Thorough in scope the book addresses the technical aspects of evaporative cooling as well as a broad range of specific commercial and industrial applications Topics include cost analysis technology and equipment options application guidelines and operational and performance characteristics The third edition adds a new chapter which shows how evaporative cooling can be integrated into large scale HVAC systems with discussions of achievable savings maintenance costs cooling tower and finned coil indirect cooling wet bulb economizers precooling condensed air makeup air and return air humidity control and more including sample calculations as well as demonstration and engineering data BOOK JACKET Title Summary field provided by Blackwell North America Inc All Rights Reserved *Air Conditioning Service Manual* Mitchell Manuals, inc, 1967 Automotive Air Conditioning and Heating Service Manual, 1966-76 Mitchell Manuals, inc, 1976 **Automotive Air Conditioning and Heating Service Manual, 1966-72** Mitchell Manuals, inc, 1981 *Motor Air Conditioner & Heater Manual*, 1988-01-01 *Automotive Air Conditioning Basic Service Training Manual* Mitchell Manuals, inc, 1983 *Colt/Champ Air Conditioning Service Manual Supplement, 1979-1980*, 1980 *Automotive Air Conditioning and Heating Service Manual, 1966-79* Mitchell Manuals, inc, 1978 Automotive Air Conditioning Service Manual, 1966-75 Mitchell Manuals, inc, 1975 **Automotive Air Conditioning and Heating Service Manual, 1980 Book Supplement** Mitchell Manuals, inc, 1980 **Air Conditioning Training Program** Mitchell Manuals, inc, 1975 **Motor's Air Conditioner Service Manual. Second Edition** L. C. Forier (ed), 1972 Automotive Air Conditioning and Heating Service Manual: Domestic cars, 1977-81 Mitchell Manuals, inc, 1981 Universal cooler service manual Universal Cooler Corporation, Detroit, 1934 **Convair Cooler Sales and Service Manual** Craig and Seeley Ltd, 1960 Evaporative Cooling Made Easy Vebco, Inc, 1985 **Automotive Air Conditioning Service Manual, 1963-1970** Mitchell Manuals, inc, 1970 Motor's Air Conditioner Service Manual Louis C. Forier, 1972 *1979-1980 Air Conditioning (group 24) Service Manual Supplement* Chrysler Corporation, 1979

## Decoding **Champion Mastercool Manual**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Champion Mastercool Manual**," a mesmerizing literary creation penned with a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

<https://www.portal.goodeyes.com/public/detail/fetch.php/Details%20Of%20Classic%20Boat%20Construction.pdf>

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