

# 1/2 – 3 1/4 Ton Chillers

8015C - 8111C



## UNITROL

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**RWMA**

# AUTOMOTIVE GRADE CHILLERS

**Designed to operate 24/7 under the most demanding industrial conditions. These chillers are for inside installation with ambient temperature between 40°F and 100°F.**

	½ TON	¾ TON	1 TON	1 ½ TON	2 ¼ TON	3 ¼ TON
<b>MODEL NUMBER(S)</b>	8105C	8025C 8026C	8050C 8051C 8052C	8055C 8075C 8076C	8100C 8101C 8102C	8110C 8111C
<b>NOMINAL CAPACITY</b>	6,000 BTU/hr, 1.8KW (½ ton) @ 90°F ambient	9,000 BTU/hr, 2.6KW (¾ ton) @ 90°F ambient	12,000 BTU/hr, 3.5KW (1 ton) @ 90°F ambient	18,000 BTU/hr, 5.3KW (1½ tons) @ 90°F ambient	27,000 BTU/hr, 7.9KW (2 ¼ tons) @ 90°F ambient	40,000 BTU/hr, 11.7KW (3 ¼ tons) @ 90°F ambient
<b>CONTROL</b>	Digital temperature controller with display					
<b>PUMP</b>	1HP centrifugal, stainless steel with maximum output of 20gpm @35psi					
<b>BYPASS</b>	Internal automatic pressure relief valve that allows low outside water flow					
<b>EVAPORATOR</b>	Stainless steel Brazed Plate mounted external to water tank for easy service access					
<b>CONDENSER</b>	Air-cooled, horizontal intake and exhaust for higher efficiency					
<b>FILTERS</b>	<ul style="list-style-type: none"> <li>◆ Washable air intake filter</li> <li>◆ Water return inline filter with flush valve</li> </ul>					
<b>TANK</b>	15-gallon non-metallic, heavy wall, seamless, with cover					
<b>WATER MAKEUP</b>	Automatic, water float valve					
<b>SAFETY SYSTEM</b>	<ul style="list-style-type: none"> <li>◆ Low water flow switch with indicating light</li> <li>◆ Low-pressure Freon switch with indicating light</li> <li>◆ High-pressure Freon switch with indicating light</li> <li>◆ Overload protection for compressor</li> <li>◆ Overload protection for water pump</li> </ul>					
<b>SERVICE HOT ABILITY</b>	Can be inspected and serviced while running with all panels removed					
<b>INTERNAL PLUMBING</b>	Brass and PVC to eliminate rust					
<b>VOLTAGE</b>	230V, 1Ø, 12A full load	<b>Model 8025C:</b> 230V, 1Ø, 14A full load <b>Model 8026C:</b> 115V, 1Ø, 29A full load	<b>Model 8050C:</b> 230V, 1Ø, 15A full load <b>Model 8051C:</b> 460V, 3Ø, 7A full load <b>Model 8052C:</b> 115V, 1Ø, 28A full load	<b>Model 8055C:</b> 230V, 1Ø, 22A full load <b>Model 8075C:</b> 230V, 3Ø, 14A full load <b>Model 8076C:</b> 460V, 3Ø, 8A full load	<b>Model 8100C:</b> 230V, 1Ø, 26A full load <b>Model 8101C:</b> 230V, 3Ø, 17A full load <b>Model 8102C:</b> 460V, 3Ø, 9A full load	<b>Model 8110C:</b> 460V, 3Ø, 15A full load <b>Model 8111C:</b> 230V, 3Ø, 28A full load
<b>SIZE</b>	36" X 29" X 51½" (W X D X H) Water ports = 1" NPT					
<b>DRY WEIGHT / SHIPPING WEIGHT</b>	387 lbs. 415 lbs.	397 lbs. 425 lbs.	407 lbs. 435 lbs.	427 lbs. 455 lbs.	497 lbs. 525 lbs.	597 lbs. 625 lbs.

## OPTIONS

<b>8001-01</b>	Manual Water Refill with sight glass and low tank water level safety switch
<b>8001-03</b>	Dew Point Protection control to prevent water condensation from damaging welder transformer
<b>8001-07</b>	Anti-Flowback kit to prevent tank flooding when chiller is turned off
<b>8001-11</b>	Caster set, 4" diameter
<b>8001-14</b>	Stainless steel outer panels - 304 4B grained finish
<b>8001-20</b>	Split system with remote outside condenser
<b>8001-40</b>	Pump size change for higher pressure and lower flow
<b>8001-62</b>	High ambient kit for locations having ambient temperature from 100°F – 115°F

*Specifications are subject to change without notice.*