

### Colux : Air cooled Water chiller

**Casing:** Complete casing made of galvanized sheet. Self-supporting galvanized steel frame protected with polyester powdered painting. Panels are easy removable for maintenance and service activities.

**Compressor:** Hermetic "Scroll and screw type with overload protection. They are installed on vibration absorbing rubber and placed with a closed compartment to reduce sound level and to allow service and maintenance activities while unit is in operation condition.

**Fan:** Axial fans with aerodynamic outline blade section made of AL/Mg directly coupled to a three phase electric motor with external rotor. A safety fan guard is fitted on air flow discharge.

**Refrigerant Circuit:** Each unit is supplied with filter dryer sight glass thermostatic expansion valve service valve. To protect the refrigerant circuit the following devices are installed automatic reset high and low pressure switch antifreeze thermostat. Crankcase heater, safety thermostat on compressor discharge line. 4-way-valve solenoid valve. Liquid receiver.



### Specification

Model	Cooling capacity	Voltage 50 Hz		Evaporators	Refrigerant	HP		Kcal/Hr		Fan motor	GPM
AWC 51	51800 BTU	380-400 50Hz		Shell & Tube	R-22	5		13053		1x1/2HP	10.3
AWC 84	84000 BTU	380-400 50Hz		Shell & Tube	R-22	8		21167		1x3/4HP	16.5
AWC103	103600 BTU	380-400 50Hz		Shell & Tube	R-22	5 x 2		26106		1 x 1HP	20.5
AWC 119	119000 BTU	380-400 50Hz		Shell & Tube	R-22	12		29987		2x1/2HP	23.5
AWC168	168780 BTU	380-400 50Hz		Shell & Tube	R-22	8 x 2		42531		2x3/4HP	28.5
AWC194	194000 BTU	380-400 50Hz		Shell & Tube	R-22	10 x 2		48887		2x3/4HP	33.5
AWC238	240000 BTU	380-400 50Hz		Shell & Tube	R-22	12 x 2		60478		2x1HP	45.5
AWC291	291000 BTU	380-400 50Hz		Shell & Tube	R-22	10 x 3		73330		3x3/4HP	55.5
AWC388	388000 BTU	380-400 50Hz		Shell & Tube	R-22	10 x 4		97774		3 x 1HP	75.5
AWC476	476000 BTU	380-400 50Hz		Shell & Tube	R-22	12 x 4		119949		4 x 1HP	93.5
Model	AWC51	AWC84	AWC 103	AWC119	AWC168	AWC194	AWC238	AWC291	AWC 388	AWC 476	
Circuits	1	1	2	1	2	2	2	3	4	4	
Unit dimensions in inch	H-50 W-42 D-30	H-50 W-46 D-30	H-50 W-48 D-36	H-50 W-50 D-36	H-50 W-60 D-36	H-58 W-84 D-36	H-60 W-80 D-45	H-60 W-80 D-50	H-60 W-90 D-60	H- 65 W- 100 D- 60	

Nominal cooling capacity is based on fowling condition. Entering chilled water temperature 12.5 centigrade (55 F) and leaving water temperature 7.5 centigrade (45 F)

Specification are subject to change with out any notice in view of continues improvements in the products.

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