



Registered CIDB G7 Contractor

# AMC SERIES

## MOBILE AIR-COOLED CHILLER

MODEL:

- ✓ AMC010AC-OP-1 (R134a)
- ✓ AMC020AC-OP-1 (R22/R407C)



**AMCON (M) SALES & SERVICE SDN BHD**

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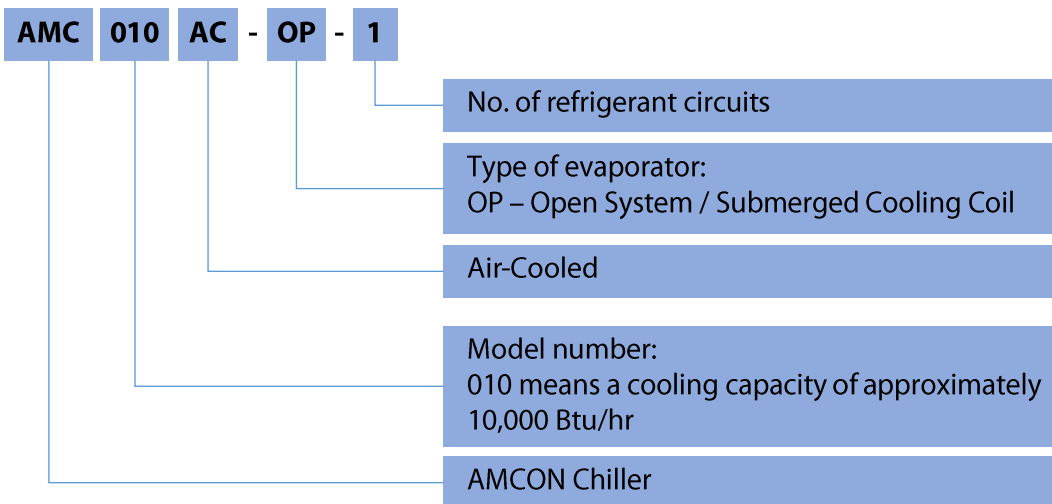
[www.amcon.com.my](http://www.amcon.com.my)

# FEATURES

## MOBILE HIGH-PERFORMANCE AIR-COOLED WATER CHILLER

Our AMC010AC-OP-1 and AMC020AC-OP-1 air-cooled chillers are mainly used in industrial and commercial cooling, such as process machinery, welding equipment, die-casting and machine tooling, plastic manufacturing, electroplating, injection and blow moulding, ultrasonic cleaning, vacuum/rubber moulding, food and beverage processing, winery and brewery, laser carving, printing machinery, paper making, chemical processing, cosmetic processing, electronics and PCB industry, textile industry, biographic systems, laboratory instruments, air-conditioning and refrigeration, etc.

## UNIT NOMENCLATURE



### Electrical Section

- Simple to operate
- Microprocessor Auto Control PC Board
- Comes with alarm and fault message display
- Power source: 220 V/1 Ph/50 Hz

### Mechanical Section

- Efficient evaporator-in-tank configuration
- Compact design, low space requirement
- Low energy consumption
- Low noise
- Castor wheels for easy mobility
- Easy to install, simple maintenance

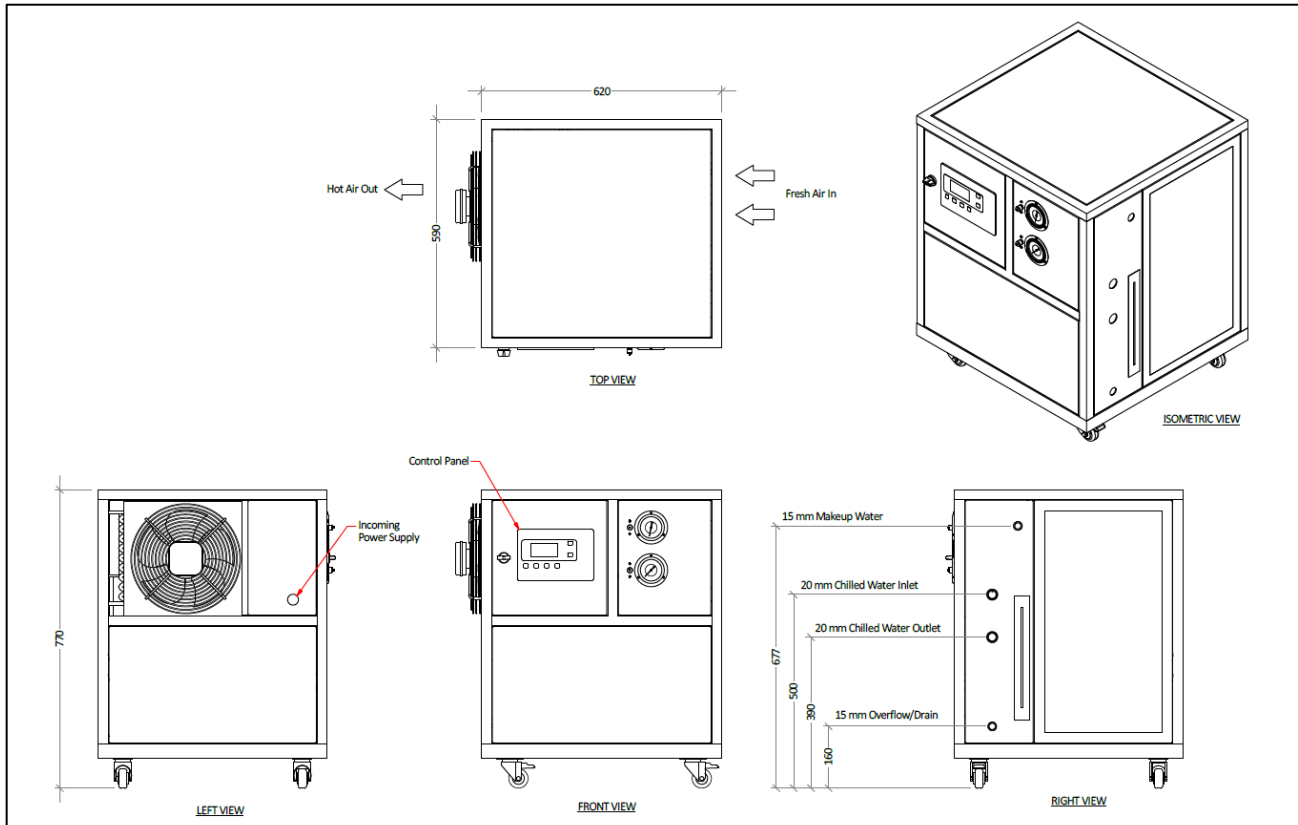
### Safety Protection

- High/low gas pressure protection
- Thermal overload protection
- Low water flow and low water level protection
- Automatic water refill



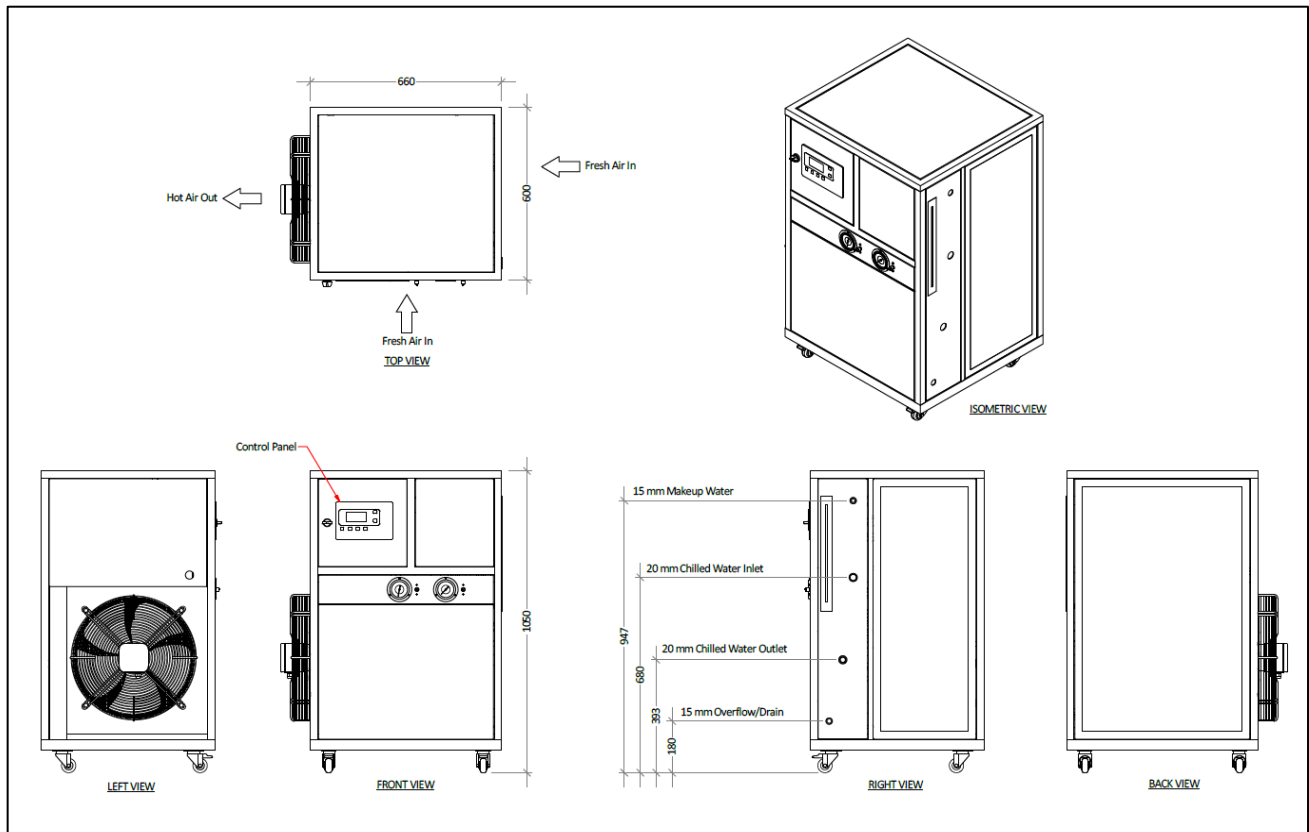
# TECHNICAL SPECIFICATIONS

## MODEL: AMC010AC-OP-1



MODEL	AMC010AC-OP-1
Nominal Cooling Capacity	10,000 Btu/hr (1 HP)
Nominal Inlet / Outlet Temperature	12°C/7°C
Nominal Water Flow Rate	8.4 L/min
Refrigerant	R134a
Refrigerant Charge	0.5 kg
No. of Refrigerant Circuit	1
Power Source V/Ph/Hz	220 V/1 Ph/50 Hz
Rated Current	8.3 A
Evaporator	Submerged Copper Cooling Coil
Condenser	Air-Cooled Condenser: Aluminium Fin-Copper Tube
Fan Diameter x No.	250 mm x 1
Water Tank Volume	20 L
Safety Protection	High-low pressure protection, motor overload protection, water flow protection, compressor overload protection, and water level protection.
Connections Outlet / Inlet	20/20 mm PVC
Colour	Grey/Black
Overall Dimensions	620 (L) x 590 (W) x 770 mm (H)

## MODEL: AMC020AC-OP-1



MODEL	AMC020AC-OP-1
Nominal Cooling Capacity	20,000 Btu/hr (2 HP)
Nominal Inlet / Outlet Temperature	12°C/7°C
Nominal Water Flow Rate	16.8 L/min
Refrigerant	R22 / R407c
Refrigerant Charge	2.4 kg
No. of Refrigerant Circuit	1
Power Source V/Ph/Hz	220 V/1 Ph/50 Hz
Rated Current	16.1 A
Evaporator	Submerged Copper Cooling Coil
Condenser	Air-Cooled Condenser: Aluminium Fin-Copper Tube
Fan Diameter x No.	400 mm x 1
Water Tank Volume	27.5 L
Safety Protection	High-low pressure protection, motor overload protection, water flow protection, compressor overload protection, and water level protection.
Connections Outlet / Inlet	20/20 mm PVC
Colour	Grey/Black
Overall Dimensions	660 (L) x 600 (W) x 1050 mm (H)

AMSS-CTL-MAC-2022-11-00

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