

# OPERATION MANUAL

## CLASSIC 10 and CLASSIC 18

Unit Serial Number Range: 1111XXXX### to Present  
(From November 2011 to Present)



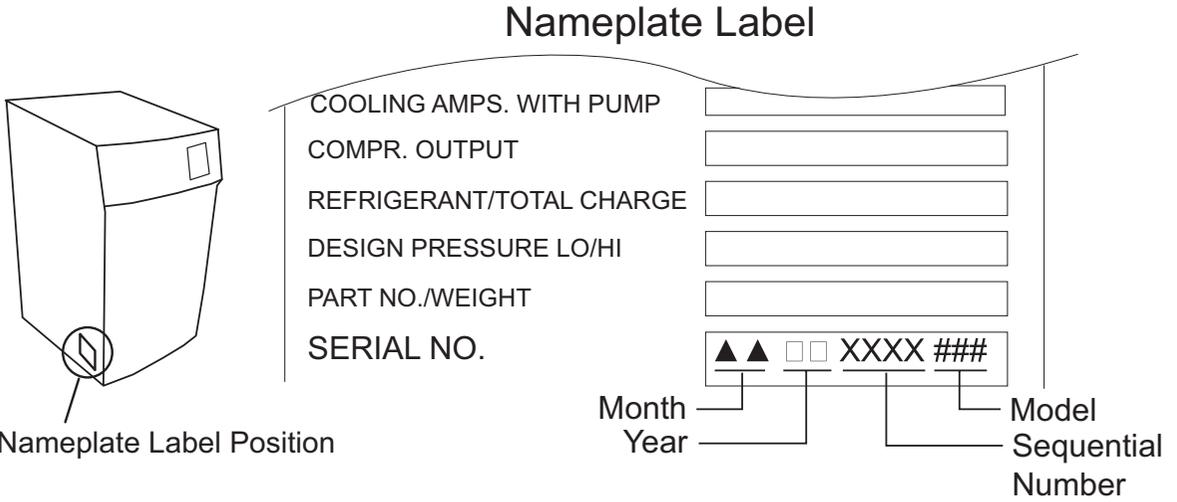
**READ THIS MANUAL CAREFULLY FOR INSTRUCTIONS ON CORRECT  
INSTALLATION AND USAGE, AND READ ALL SAFEGUARDS**

SECCIÓN EN ESPAÑOL  
SECTION EN FRANÇAIS  
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**MOVINCOOL®**  
THE #1 SPOT COOLING SOLUTION

# SERIAL NUMBER LOCATION AND IDENTIFICATION



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# **OPERATION MANUAL**

**CLASSIC 10 and CLASSIC 18**

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THE #1 SPOT COOLING SOLUTION

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# FOREWORD

Congratulations on purchasing the MovinCool portable air conditioner. This manual explains how to install and operate the MovinCool Classic 10, and Classic 18 portable air conditioning units. Please read this operation manual thoroughly to familiarize yourself with the features of the unit and to ensure years of reliable operation.

You may also find it useful to keep this operation manual on hand for reference. Components and/or procedures are subject to change without prior notice.

## Definition of Terms



**WARNING:** Describes precautions that should be observed in order to prevent injury to the user during installation or unit operation.



**CAUTION:** Describes precautions that should be observed in order to prevent damage to the unit or its components, which may occur during installation or unit operation if sufficient care is not taken.

*Note: Provides additional information that facilitates installation or unit operation.*

# GENERAL WARNINGS & CAUTIONS

1. All electrical work, if necessary, should only be performed by qualified electrical personnel. Repair to electrical components by non-certified technicians may result in personal injury and/or damage to the unit. All electrical components replaced must be genuine MovinCool parts, purchased from an authorized reseller.
2. The proper electrical outlet for MovinCool units must be equipped with a UL recognized circuit breaker and ground fault protective breaker.
3. Because of potential safety hazards under a certain condition, we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it is a UL listed, 3-wire grounding type appliance extension cord, having a 3-blade and a 3-slot receptacle that plugs into the appliance. The marked rating of the extension cord should be 115 V, 15 A for Classic 10, and 208/230 V, 15 A for Classic 18 or equivalent.
4. The Classic 10 is equipped with a 10 feet (3.0 m) UL recognized LCDI power cord. The Classic 18 is equipped with a 6 feet (1.8 m) UL recognized LCDI power cord. For replacement, fixed location (hardwire) or power cord lengthening (extension cord) cords are required, contact your MovinCool reseller or a qualified electrician for approved replacement methods.
5. Never fold or place heavy objects on the power cord. This could result in damage to the power cord causing electrical shock or fire.
6. Do not place water or any other liquid on the unit. This can cause damage to the unit and increase the risk of electrical shock.
7. Do not sit or stand on the unit.

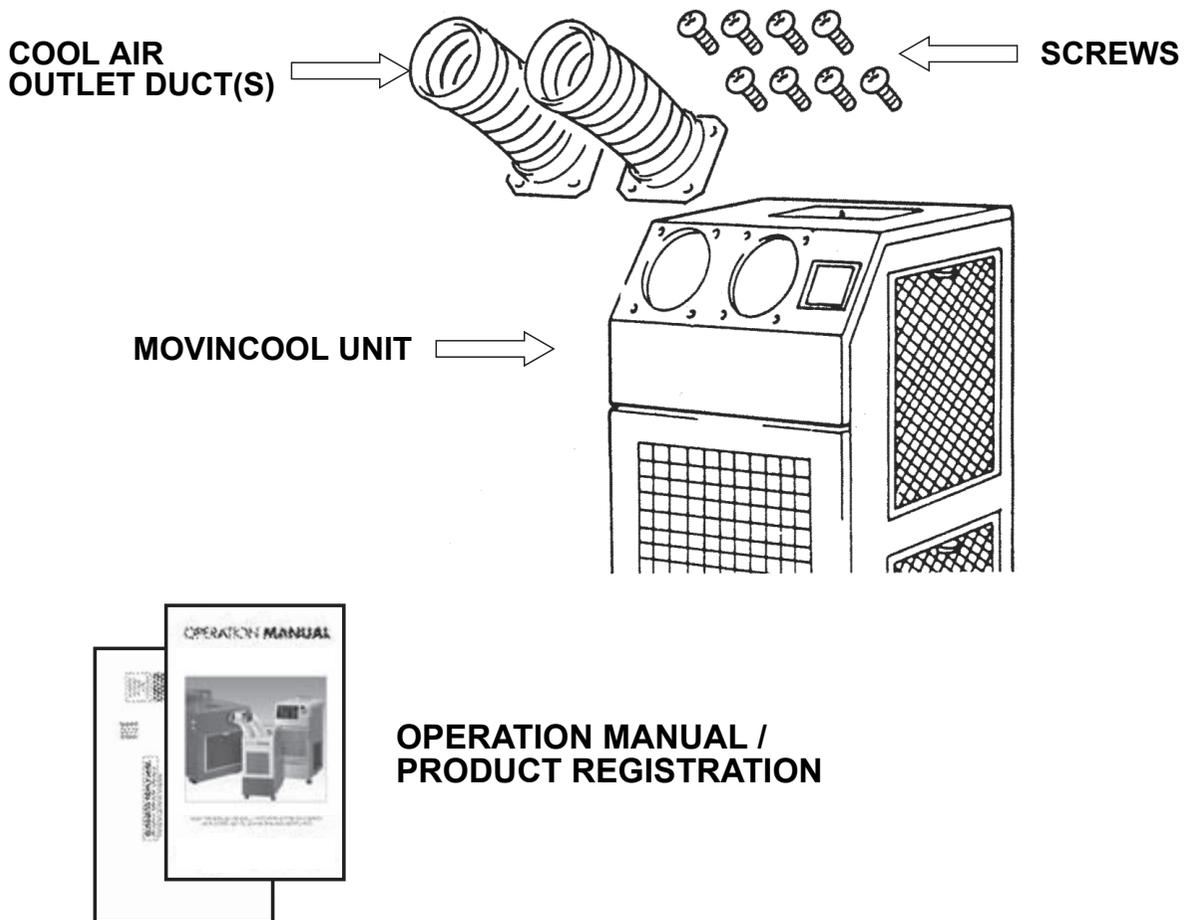
# INVENTORY & ASSEMBLY

## Inventory

After unpacking your MovinCool unit, please check to make sure you have the following items:

1. **Classic 10 or Classic 18 MovinCool Unit (1)**
2. **Cool Air Outlet Duct(s) (Classic 10 qty. = 1, Classic 18 qty. = 2)**
3. **Screws (Classic 10 qty. = 4, Classic 18 qty. = 8)**
4. **Operation Manual/Product Registration (1)**

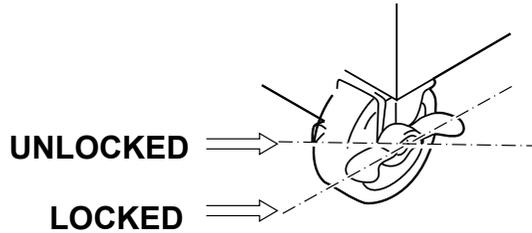
*Note: If any of these items were not included in the box or appear damaged, please contact your MovinCool reseller for replacement.*



# INVENTORY & ASSEMBLY (cont.)

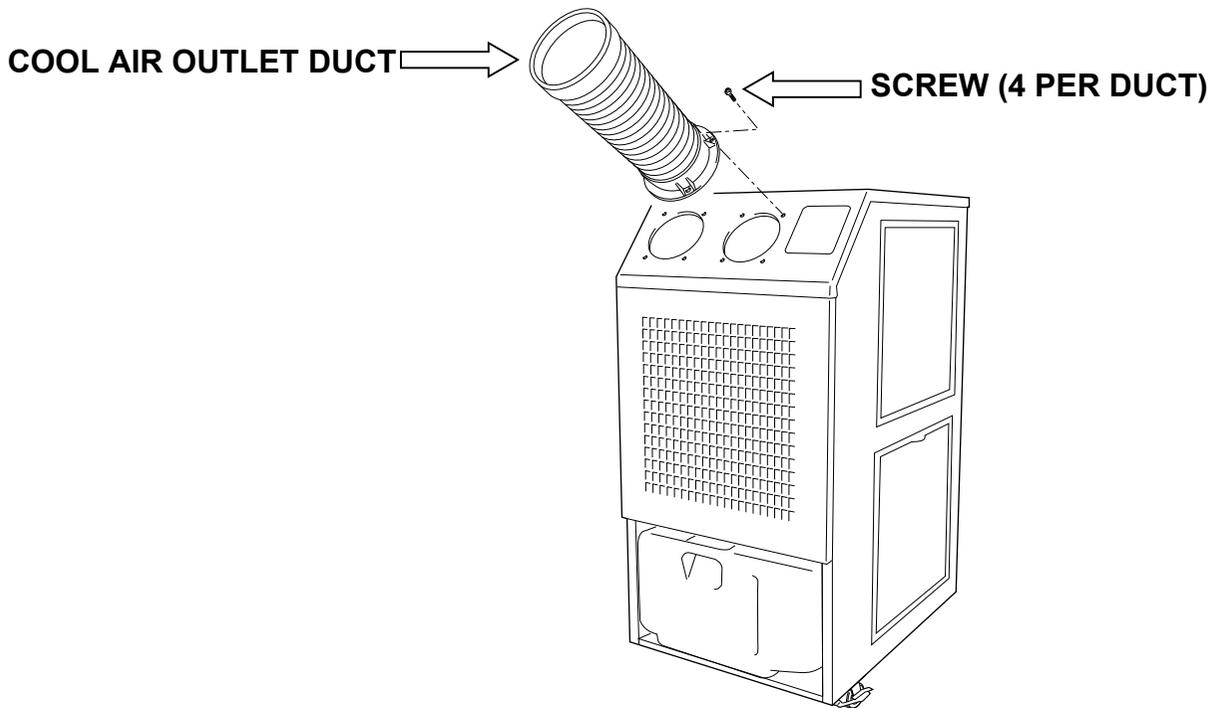
## Assembly

 **CAUTION:** Before assembling make sure the unit is on a flat, level surface and the casters are in the **LOCKED** position. (Both the Classic 10 and Classic 18 MovinCool units have locking swivel casters in the front only.)



Install each cool air outlet duct using 4 screws each as shown.

*Note: Do not over tighten the screws when installing the cool air outlet ducts. This could damage the base on the cool air outlet duct assembly.*



# INSTALLATION

## Choosing an Installation Site



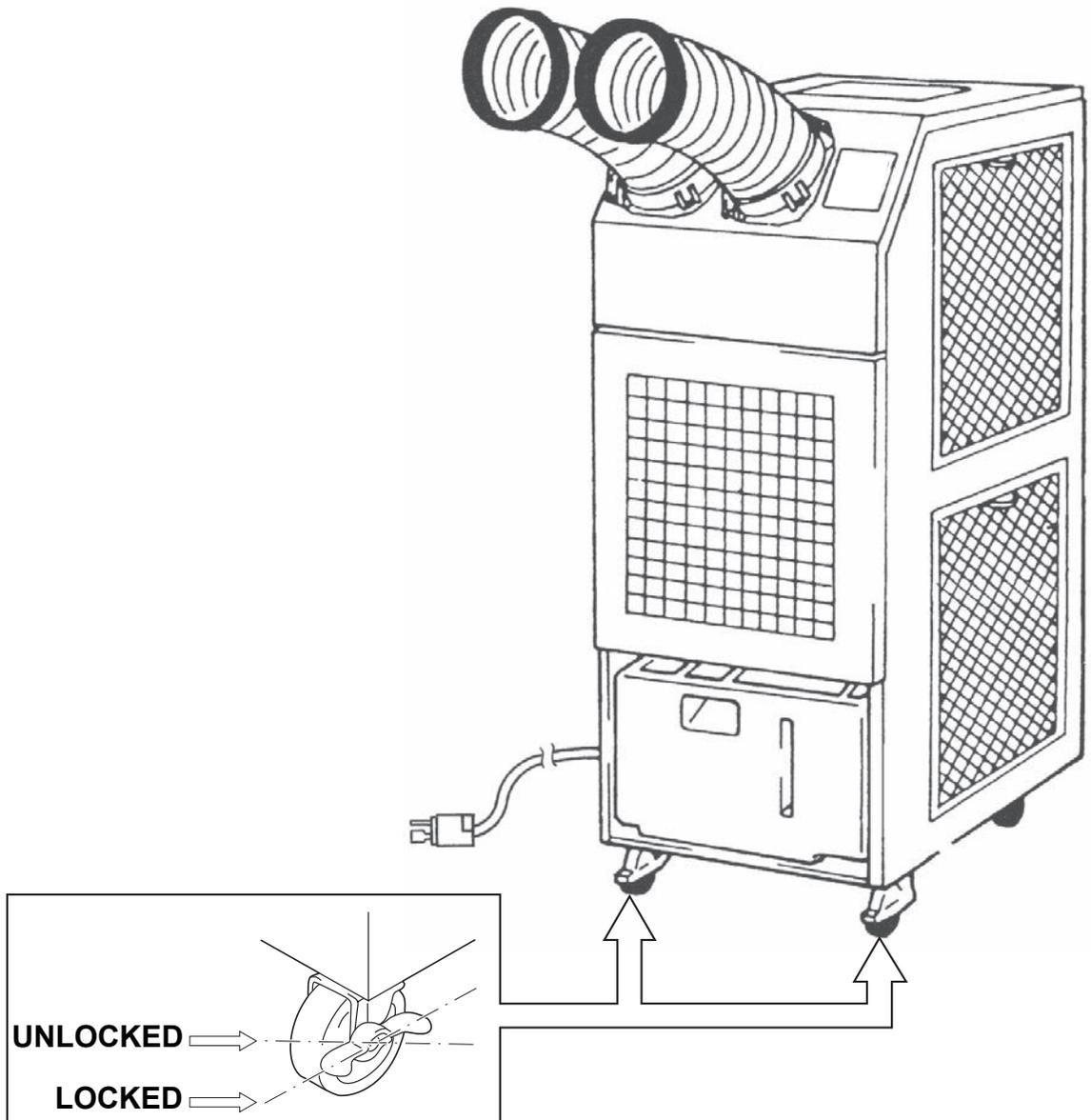
**CAUTION: Following are some precautions to consider before choosing your installation site. Please review carefully as improper installation may result in personal injury or damage to the unit.**

1. Do not use the unit in areas where leakage of flammable gas may occur.
2. Do not use the unit in areas where it is exposed to rain or water.
3. Do not use the unit in an atmosphere of excessively corrosive gas or vapor.
4. Do not use in areas where the temperature is outside the allowable operating range.
5. Do not install the unit in sloping areas. The unit may move or topple over even if the casters are set to the LOCKED position.
6. Install the unit in areas that can with-stand the weight of the unit. The Classic 10 unit weighs approximately 190 lb (86 kg), and the Classic 18 unit weighs approximately 199 lb (90 kg) when the drain tank is full of water.
7. Allow 18.0 inch (457 mm) of unobstructed airflow for both the air inlets and outlets.
8. Do not use the unit at condition above 104 °F (40 °C) 50 %RH.

# INSTALLATION (cont.)

## Moving the Unit

Unlock the casters and push the MovinCool unit to a flat level surface and set the casters back to the LOCKED position.



# INSTALLATION (cont.)

## Plugging in the Unit

1. Check the prongs and surface of the power cord plug for dust/dirt. If dust and/or dirt are present, wipe off with a clean, dry cloth.
2. Check the power cord, plug and prongs for damage or excess play. If any damage or excess play is found, contact your MovinCool reseller or a qualified technician for repair.



### **WARNING:**

1. **If the power cord or plug is damaged, repair should only be performed by qualified electrical personnel.**
2. **Do not connect/disconnect the power cord or attempt to operate buttons with wet hands. This could result in electrical shock.**
3. **Because of potential safety hazards under a certain condition, we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it is a UL listed, 3-wire grounding type appliance extension cord, having a 3-blade and a 3-slot receptacle that plugs into the appliance. The marked rating of the extension cord should be 115 V, 15 A for Classic 10 and 208/230 V, 15 A for Classic 18.**



**CAUTION:** The power source should be a dedicated single outlet circuit with UL recognized short-circuit and ground fault protective breaker. Do not share the outlet with any other instrument or equipment. The minimum power supply rating and the maximum fuse size is shown below.

MODEL	MINIMUM POWER SUPPLY RATING	RECOMMENDED FUSE SIZE
Classic 10	115 V, single phase, 60 Hz	15 A maximum
Classic 18	208/230 V, single phase, 60 Hz	15 A maximum

### *Note:*

1. *Make sure the AC outlet is free of dirt, dust, oil, water, or any other foreign matter.*
2. *The Classic 10 is equipped with a UL recognized LCDI cord and NEMA plug configuration (5-15). The appropriate outlet must be used for this plug type.*
3. *The Classic 18 is equipped with a UL recognized LCDI cord and NEMA plug configuration (6-15). The appropriate outlet must be used for this plug type.*

# INSTALLATION (cont.)

## Warning Signal Connection (Output Signal Terminal L+ and L-)

The controller is equipped with a warning signal output relay type (Form C, normal open dry contact) which can be used to monitor the failure condition.

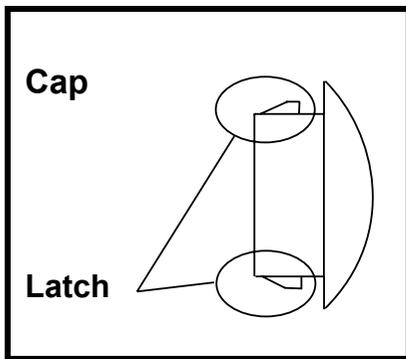
Relay contactor is closed when the following condition has occurred:

- a. Tank full
- b. Temperature sensor fails

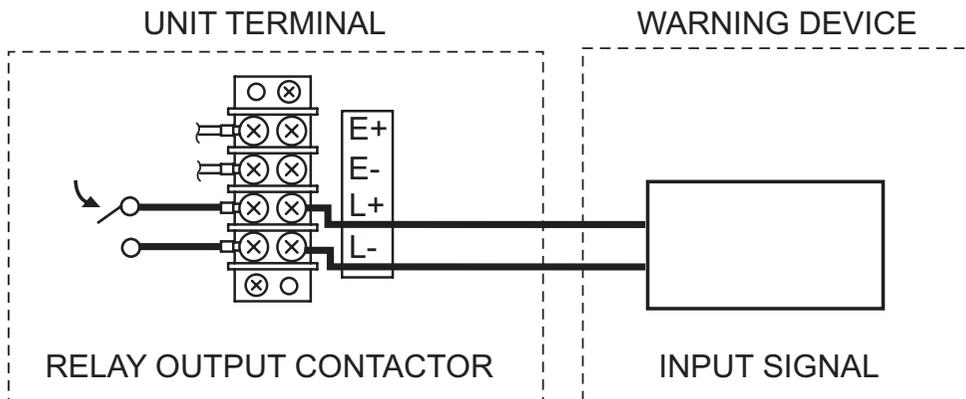
The relay output contactor is rated 2 A at 30 VDC or 2 A at 30 VAC (resistive load) and it is compatible with various warning devices such as alarm speaker, light indicators, and etc.

### Connecting Warning Signal From Controller

1. Remove service panel from the rear of the unit.
2. Squeeze the inner latches and push out the black cap from inside the panel.



3. Use recommended warning signal wire size from 16 AWG to 26 AWG for a solid wire, or 16 AWG to 22 AWG for a stranded wire with ring terminal for #6 stud size.
4. Connect the warning device to terminal L+ and L- according to its polarities.



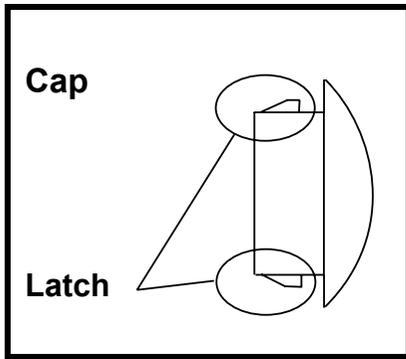
# INSTALLATION (cont.)

## Fire Alarm Control Panel Connection (Input Signal Terminal E+ and E-)

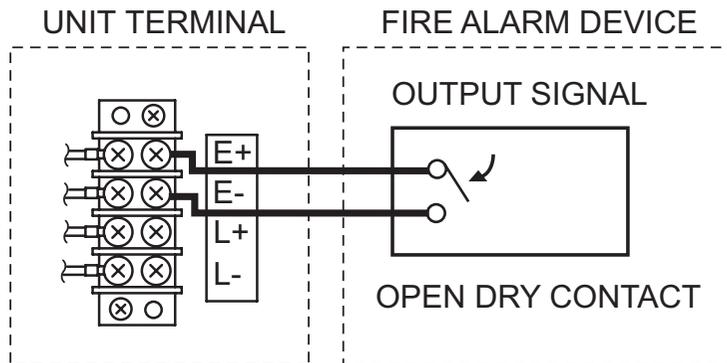
The controller is equipped with a normal open input signal, which can be connected directly from the fire alarm control panel. This input signal terminal should only be connected to a close or open dry contact signal. When receiving the signal from the fire alarm control panel, the unit turns off and does not turn back on until it has been RESET.

### Connecting Fire Alarm Control Panel to Controller

1. Remove service panel from the rear of the unit.
2. Squeeze the inner latches and push out the black cap from inside the panel.



3. Use recommended warning signal wire size from 16 AWG to 26 AWG for a solid wire, or 16 AWG to 22 AWG for a stranded wire with ring terminal for #6 stud size.
4. Connect the fire alarm device to terminal E+ and E- according to its polarities.



# INSTALLATION (cont.)

## LCDI Power Cord Instruction

### **WARNING**

The LCDI device is a non-serviceable device. Attempting to open the device may expose the user to the hazards of electric shock, and could void warranties of this product. Manufacturer's liability is limited to the replacement of the device.

### **CAUTION**

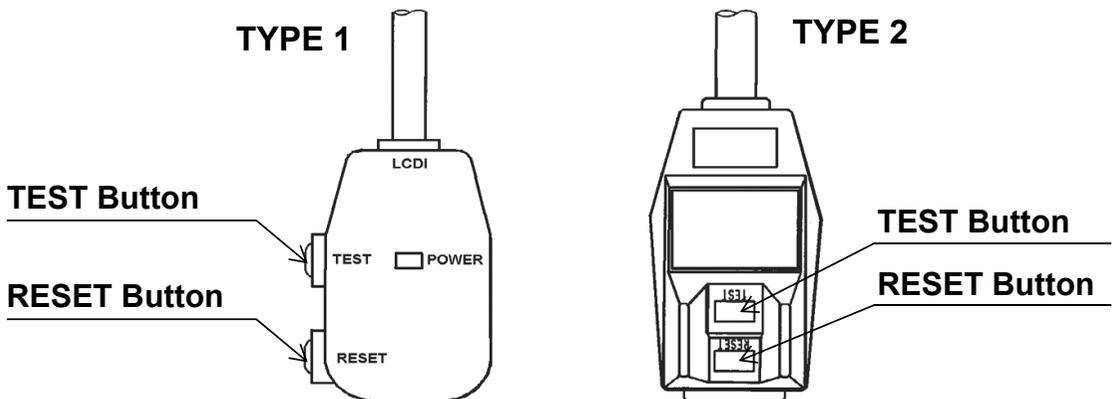
1. Read the attention printed on the device for proper use and handling of this device.
2. This device is used for monitoring leakage current.
3. Do not immerse in water.
4. This device must only be plugged into an appropriate wall outlet. Do not use on extension cords or adapter. Do not remove ground prong.
5. In the event that this device trips, the cause of malfunction should be corrected first before further use.
6. Using the device beyond recommended voltage poses risk to users.
7. Conductors inside this cord are surrounded by shields, which monitor leakage current. These shields are not grounded, and the cords are periodically examined for any damage. Do not use this product in the event the shields become exposed.
8. Do not push TEST and/or RESET buttons in a short period.

## Procedure

Test device once when AC is installed to assure proper operation.

1. Plug into grounded power receptacle.
2. If light is not on, press RESET button once. Light should turn on.
3. Press TEST button once, light must turn off.
4. Press RESET button once again for use. Light should turn on.
5. If test fails, do not use.

### <FRONT VIEW>



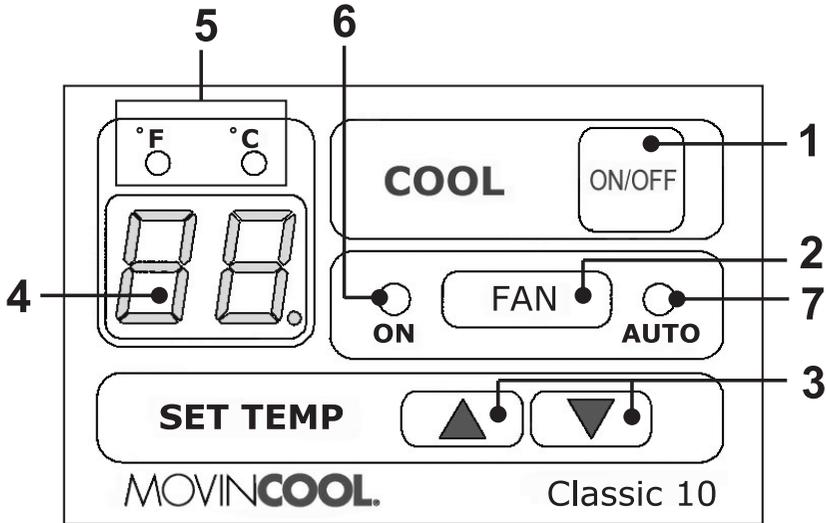
# FEATURES

1. A digital electronic control panel, which allows the user to easily control the unit's operation.
2. Digital LED display that indicates:
  - a. Room temperature and set point temperature (either Fahrenheit or Celsius)
  - b. Status codes
3. The set point temperature can be adjusted between 70 °F (21 °C) and 95 °F (35 °C) by the SET TEMP buttons ( $\Delta/\nabla$ ).
4. Fire alarm control panel connection with automatic shut off.
5. Automatic shut off, warning signal output and alarm for temperature sensor failure and tank full.
6. A condensate drain "FL" is displayed by the LED.
7. An automatic restart feature when the power is lost and regained. The unit returns to the operating mode it was in prior to the loss of power.

# OPERATION

## Control Panel

Before operating the unit, it is important to familiarize yourself with the basic controls located on the control panel.



- |   |  |
|---|--|
| 1. <b>COOL ON/OFF Button</b>                            | Activates COOL mode or turns the unit off.   |
| 2. <b>FAN Button</b>                                    | Activates FAN ONLY mode or turns the unit off.   |
| 3. <b>SET TEMP Buttons (<math>\Delta/\nabla</math>)</b> | Increases or decreases the temperature set point during COOL mode.   |
| 4. <b>Room Temperature/ Set Point Display</b>           | Displays a flashing set point temperature for 5 seconds, and then continuously indicates the room temperature. |
| 5. <b>Temperature Scale LED</b>                         | Lit to indicate the current temperature being displayed in either °F or °C.                                    |
| 6. <b>ON LED</b>  | Turns on during FAN ONLY mode and during COOL mode with Fan Operate mode.                                      |
| 7. <b>AUTO LED</b>                                      | Turns on during COOL mode with FAN STOP mode.  |

# OPERATION (cont.)

## Control Panel (cont.)

### LED Display Descriptions

In normal operation, the LED displays the following descriptions.

Display	Descriptions	Conditions
.	Right decimal point is on.	Standby or FAN ONLY mode.
78	Indicates room temperature when display is lit. (Left fig. : Room temperature at 78 °F)	During COOL mode.
75	Indicates set point temperature when display is flashing for 5 seconds. (Left fig. : Set point temperature at 75 °F)	During set point temperature adjustment.

*Note: The ROOM TEMP display range is from 0 °F (-9 °C) to 109 °F (60 °C). When the display value is greater than 99 °F, it displays values of 00 for 100 °F, 01 for 101 °F, and 09 for 109 °F. (This only applies to Fahrenheit values.)*

# OPERATION (cont.)

## Operating in COOL Mode

1. The unit can be operated in COOL mode by pressing the COOL ON/OFF button.

*Note: In COOL mode the unit can only be turned off by pressing the COOL ON/OFF button.*

2. Change the temperature set point by pressing the SET TEMP buttons ( $\Delta/\nabla$ ).

*Note: When turning the unit on, the set point and operation mode are determined by the last operating mode.*

# OPERATION (cont.)

## Operating in FAN ONLY Mode

1. The unit can also be operated in FAN ONLY mode by pressing FAN button.
2. The unit can only be turned off by pressing the FAN button again.

## Changing from FAN ONLY Mode to COOL Mode

The COOL mode can be activated while the unit is operating in FAN ONLY mode. To do this, simply press the COOL ON/OFF button.

*Note: The FAN ONLY mode does not operate after the COOL mode has been activated. The unit can only be turned off by pressing the COOL ON/OFF button.*

# OPERATION (cont.)

## Operating Modes

The Classic 10 and Classic 18 can be operated in two modes, FAN ONLY and COOL. When in FAN ONLY mode, the unit circulates the surrounding air. When in COOL mode, the compressor is operated and cool air is circulated.

### 1. COOL Mode

Once the compressor has been disengaged for more than 120 seconds, the unit operates in FAN ONLY mode for approximately 5 seconds before the compressor re-engages (see page 28).

### 2. Temperature Control

The room temperature thermistor monitors the inlet temperature versus set point temperature and switches the unit automatically between COOL and FAN ONLY modes.

### 3. Fan Mode Control DIP Switch

The fan mode control DIP switch determines whether the fan continues to operate or stop when the compressor cycles off. (Set point temperature below the inlet air or room temperature.) The unit has been preset at the factory for continuous fan operation.

*Note: If you want to change the fan mode operation (from OPERATE to STOP), contact your MovinCool reseller.*

### 4. Temperature Scale Display

The temperature scale display changes the temperature(s) that are displayed to either °C or °F. The unit has been preset from the factory to display the temperature(s) in °F.

*Note: If you want to change the temperature scale display (from °F to °C), hold down the SET TEMP buttons (△/▽) and the FAN button simultaneously for 3 seconds.*

# OPERATION (cont.)

## Self-Diagnostic Codes

Self-diagnostic codes are displayed on the control board under the following conditions.

LED Display Codes	Condition
	<p>When the drain tank switch is activated, the LED displays “FL” and the unit turns off automatically. Once emptying the drain tank procedure is completed and ON/OFF has been pressed, unit returns to normal operation.</p>
	<p>When the condensate pump malfunctions, the compressor shuts off, and the LED displays “AS”. Once condensate pump is fixed and unit has been RESET, the unit returns to normal operation. To RESET: Hold down the SET TEMP (Δ/▽) buttons simultaneously for 3 seconds.</p>
	<p>&lt; Classic 10 ONLY &gt; When high pressure switch is activated 3 times in 24 hours, the unit displays blinking “HP”. If the high pressure switch is activated 10 times in 24 hours, “HP” turns on. The unit returns to normal operation after the problem is fixed and the controller is RESET. To RESET: Hold down the SET TEMP (Δ/▽) buttons simultaneously for 3 seconds.</p>
	<p>When room thermistor becomes open or shorted, display shows “E1” and cool mode operation is off. Display and cool mode operation are returned to normal operation after room thermistor is fixed.</p>
	<p>When freeze thermistor becomes open or shorted, display shows “E2” and cool mode operation is off. Display and cool mode operation are returned to normal operation after freeze thermistor is fixed.</p>
	<p>When the unit detects a signal from the fire alarm system, the display shows “AL” and a buzzer turns on. Check the fire alarm system and confirm that there is no signal input to the unit. The unit returns to the normal operation after the problem is fixed and the controller is RESET. To RESET: Hold down the SET TEMP (Δ/▽) buttons simultaneously for 3 seconds.</p>

Contact your MovinCool reseller or a qualified technician if problem persists.

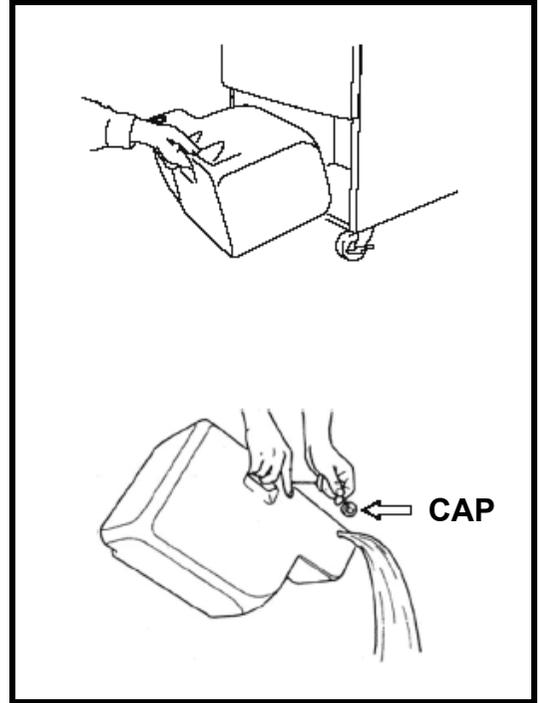
# OPERATION (cont.)

## Empty the Drain Tank

During COOL mode, condensate water accumulates in the drain tank. When the drain tank becomes full, the LED displays “FL” and the unit turns off automatically.

*Note: If you want to empty the drain tank, while the unit is in operation, press the COOL ON/OFF button to turn the unit off.*

1. Pull the drain tank from the unit.



2. Remove the cap and empty the drain tank.

3. Replace the cap and return the drain tank to the unit.

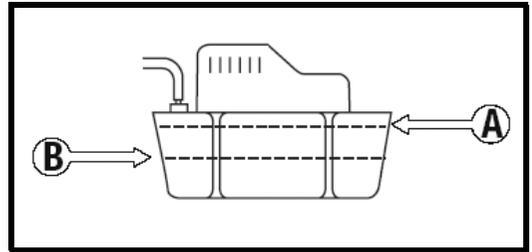
4. Press the COOL ON/OFF button to restart the unit.

# OPERATION (cont.)

## Condensate Pump Kit (Optional for Classic 10)

A condensate pump kit is available to allow continuous operation and to eliminate the need for a drain tank.

When the water collects to level (A) in the pump reservoir, the condensate pump begins to operate and discharge the water.

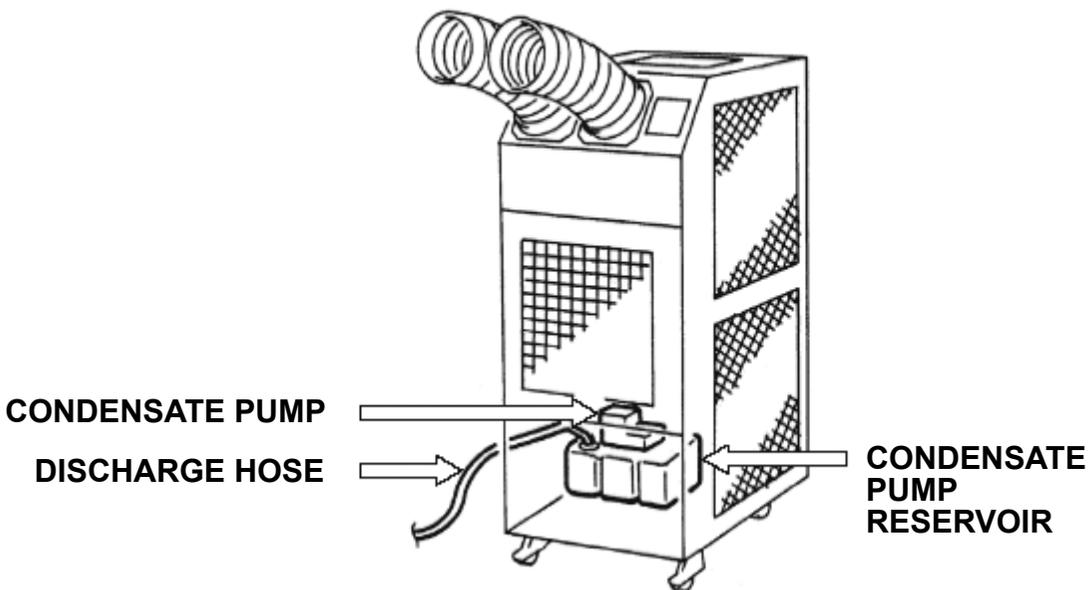


*Note: The compressor does not operate while the condensate pump is discharging the water.*

When the water level drops below level (B), the condensate pump stops, and the compressor restarts.

*Note: If for any reason the water level exceeds that of level (A) in the pump reservoir, an over flow drain switch stops the compressor operation, and the LED displays "AS".*

*Note: If the fan mode control DIP switch (see page 20) is set to the STOP position, the entire unit (including fan operation) turns off either due to the over flow drain switch or while the condensate pump is discharging the water.*



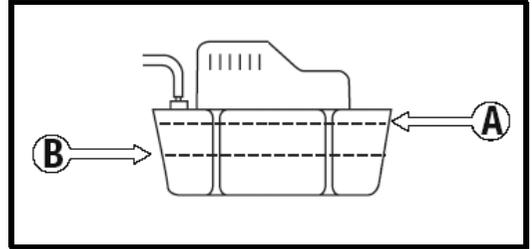
# OPERATION (cont.)

## Condensate Pump Kit (Optional for Classic 18)

A condensate pump kit is available to allow continuous operation and to eliminate the need for a drain tank.

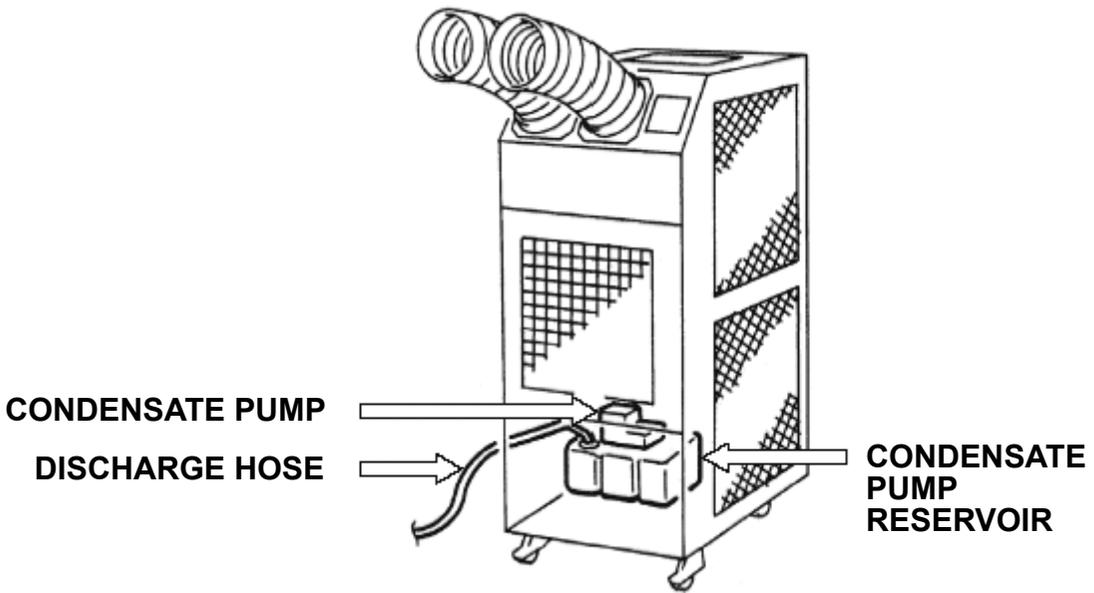
When the water collects to level (A) in the pump reservoir, the condensate pump begins to operate and discharge the water.

When the water level drops below level (B), the condensate pump stops.



*Note: If for any reason the water level exceeds that of level (A) in the pump reservoir, an overflow drain switch stops the compressor operation, and the LED displays "AS".*

*Note: If the fan mode control DIP switch (see page 20) is set to the STOP position, the entire unit (including fan operation) turns off due to the over flow drain switch.*



# INSPECTION & MAINTENANCE

## Empty the Drain Tank

To empty the drain tank, refer to instructions on page 22.

## Clean the Air Filters

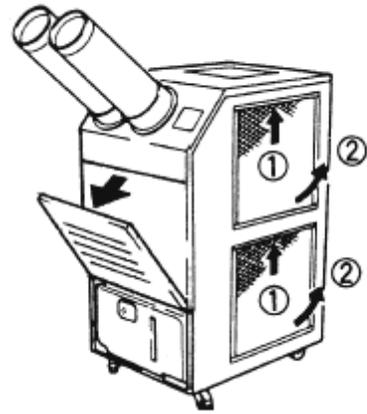
Clean the air filters once a week. If the unit is used in a dusty environment, more frequent cleaning may be required.

A dirty air filter can reduce air output resulting in a decrease in cooling capacity.

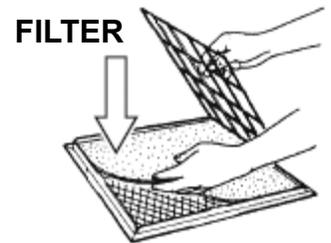
## Filter Removal Method

1. Turn the unit off, by pressing the COOL ON/OFF button.
2. Remove the air filters.

*Note: To remove the side air filters, lift upward, then pull outward from the bottom. To remove the front panel air filter, pull out top corners, then lift upward.*

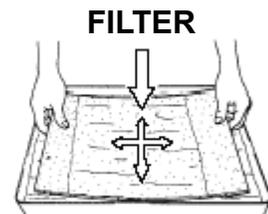


3. Remove the element from each filter.



## Filter Element Cleaning Method

1. Remove dust from the element with a vacuum cleaner, or rinse in cold or lukewarm water. If the element is extremely dirty, wash with a neutral detergent.
2. After the element has been cleaned, rinse with clean running water, allow to dry, then reinstall.



# INSPECTION & MAINTENANCE (cont.)

## In-Season/Off-Season Inspection & Maintenance

### In-Season

1. Check the prongs and surface of the power cord plug for dust and/or dirt. If dust and/or dirt are present, wipe off with a clean dry cloth.
2. Check the power cord, plug and prongs for damage or excess play. If any damage or excess play is found, contact your MovinCool reseller or a qualified technician for repair.
3. Check the air filters and drain tank.
4. Clean the outside of the unit(s) with a damp cloth or mild nonabrasive cleaner.

### Off-Season

1. Operate the unit in FAN ONLY mode for 8 hours.  
*Note: Operation is necessary to dry out the inside of the unit.*
2. Disconnect the power cord from the AC outlet.
3. Check the prongs and surface of the power cord plug for dust and/or dirt. If dust and/or dirt are present, wipe off with a clean dry cloth.
4. Check the power cord, plug and prongs for damage or excess play. If any damage or excess play is found, contact your MovinCool reseller or a qualified technician for repair.
5. Clean the air filters.
6. Empty all water from the drain tank.

# TROUBLESHOOTING

Check the following items before calling your MovinCool reseller or a qualified technician.

CONDITIONS	POSSIBLE CAUSE	REMEDY
Unit does not operate.	1. Ground fault breaker trip or LCDI power cord trip.	Reset breaker or reset power cord.
	2. Drain tank is full. LED displays "FL".	Empty the drain tank.
	3. High pressure switch activated 10 times in 24 hours.	<ol style="list-style-type: none"> <li>1. Clean air filter.</li> <li>2. Check inlet and outlet air to make sure that there are no objects preventing the air flow into or out from the unit.</li> <li>3. Check environmental condition whether it is within operation range or not.</li> <li>4. RESET controller. To RESET: Hold down the SET TEMP (△/▽) buttons simultaneously for 3 seconds, and the controller returns to normal operation.</li> </ol>
Insufficient cooling.	1. Dirty/Blocked air filters.	Clean air filter.
	2. Air inlet/outlet blocked.	Clean air inlet/outlet.
	3. Improper temperature setting.	Adjust temperature setting.

If conditions persist after the above actions have been taken, turn the unit off, disconnect the power and contact your MovinCool reseller or a qualified technician.

# TECHNICAL SPECIFICATIONS OF CLASSIC 10

ITEM		SPECIFICATIONS	
Electronic Features	Operation	Digital Electronic	
Electrical Characteristics	Voltage Requirement	Single-Phase, 115 V, 60 Hz	
	Operating Voltage Range	Max.	127 V
		Min.	104 V
Recommended Fuse Size	15 A		
Cooling Capacity and Power Consumption			
Evaporator: 95 °F (35 °C), 60 %RH Condenser: 95 °F (35 °C), 60 %RH	Total Cooling Capacity	10,000 Btu/h (2,940 W)	
	Sensible Cooling Capacity	4,500 Btu/h (1,320 W)	
	Power Consumption	1.05 kW	
	Current Consumption	9.7 A	
	EER	9.5	
Compressor	Type of Compressor	Hermetic Rotary	
Evaporator	Type of Fan	Centrifugal Fan	
	Air Flow	265 CFM (451 m <sup>3</sup> /h)	
	Max. External Static Pressure	0.33 IWG (82 Pa)	
Condenser	Type of Fan	Centrifugal Fan	
	Air Flow	740 CFM (1,258 m <sup>3</sup> /h)	
Refrigerant	Type	R-410A	
	Amount	1.43 lb (0.65 kg)	
Power Cord	NEMA Plug Configuration	5-15	
	Gauge x Length	14 AWG (3-core) x 10 ft (3.0 m)	
Dimension	W x D x H	19.4 x 26.5 x 41.5 in (493 x 673 x 1,054 mm)	
Weight	Net	156 lb (71 kg)	
Drain Tank Capacity		5.0 gal (19 L)	
Operating Condition Range	Inlet Air Temperature	Max.	104 °F (40 °C), 50 %RH
		Min.	70 °F (21 °C), 50 %RH
Maximum Duct Length	Cold Duct	40 ft (12.2 m)	
	Hot Duct	60 ft (18.3 m)	
Sound Level* <sup>1</sup>	With Condenser Duct	55 dB (A)	
	Without Condenser Duct	58 dB (A)	

- Specifications are subject to change without notice.

*Note:*

*\*1: Measured at 3 feet (1.0 m) from surface of the unit.*

# TECHNICAL SPECIFICATIONS OF CLASSIC 18

ITEM		SPECIFICATIONS	
Electronic Features	Operation	Digital Electronic	
Electrical Characteristics	Voltage Requirement	Single-Phase, 208/230 V, 60 Hz	
	Operating Voltage Range	Max.	250 V
		Min.	198 V
Recommended Fuse Size	15 A		
Cooling Capacity and Power Consumption			
Evaporator: 95 °F (35 °C), 60 %RH Condenser: 95 °F (35 °C), 60 %RH	Total Cooling Capacity	18,000 Btu/h (5,280 W)/ 18,000 Btu/h (5,280 W)	
	Sensible Cooling Capacity	8,600 Btu/h (2,520 W)/ 8,600 Btu/h (2,520 W)	
	Power Consumption	1.90 kW/1.90 kW	
	Current Consumption	9.1 A/8.8 A	
	EER	9.5/9.5	
Compressor	Type of Compressor	Hermetic Rotary	
Evaporator	Type of Fan	Centrifugal Fan	
	Air Flow	510 CFM (867 m <sup>3</sup> /h)/ 530 CFM (901 m <sup>3</sup> /h)	
	Max. External Static Pressure	0.48 IWG (120 Pa)	
Condenser	Type of Fan	Centrifugal Fan	
	Air Flow	1,100 CFM (1,870 m <sup>3</sup> /h)/ 1,180 CFM (2,006 m <sup>3</sup> /h)	
Refrigerant	Type	R-410A	
	Amount	1.76 lb (0.80 kg)	
Power Cord	NEMA Plug Configuration	6-15	
	Gauge x Length	14 AWG (3-core) x 6 ft (1.8 m)	
Dimension	W x D x H	19.4 x 26.5 x 41.5 in (493 x 673 x 1,054 mm)	
Weight	Net	164 lb (74 kg)	
Drain Tank Capacity		5.0 gal (19 L)	
Operating Condition Range	Inlet Air Temperature	Max.	104 °F (40 °C), 50 %RH
		Min.	70 °F (21 °C), 50 %RH
Maximum Duct Length	Cold Duct	50 ft (15.2 m)	
	Hot Duct	60 ft (18.3 m)	
Sound Level* <sup>1</sup>	With Condenser Duct	63 dB (A)	
	Without Condenser Duct	67 dB (A)	

- Specifications are subject to change without notice.

*Note:*

*\*1: Measured at 3 feet (1.0 m) from surface of the unit.*



# WARRANTY STATEMENT

DENSO PRODUCTS AND SERVICES AMERICAS, INC. ("DENSO") warrants its MOVINCOOL Products only to the extent stated in its official written warranties. Unless otherwise specifically provided in writing by DENSO, DENSO warrants to the original end-user that the products shall be free of defects in materials or workmanship and will function in accordance with DENSO's published specifications under ordinary intended use and service for a period listed below beginning from the date of purchase on the invoice to the end-user:

Model(s): Classic 10, Classic 18

Warranty: 3 Years with warranty registration OR 1 Year for unregistered units.

DENSO shall, at its sole discretion, repair or replace any defective product covered by this warranty. Such remedy shall be end-user's sole remedy with respect to any particular defect in the products.

This warranty does not cover defects or malfunctions which result from causes beyond DENSO's control, including, without limitation, (i) unusual physical or electrical stress; (ii) accident, neglect, abuse, misuse or other abnormal use; (iii) failure to perform routine maintenance in accordance with DENSO's recommended procedures; (iv) normal wear and tear; (v) repairs or attempted repairs by an unauthorized person; (vi) modifications or alterations to the products; (vii) use with parts or devices not supplied or approved by DENSO; (viii) improper installation or service; (ix) shipping damage to any units or spare parts during shipping. This includes and is not limited to compressors, evaporators and condenser coils. This warranty shall extend only to the original end-user and shall be void if any labels or other identifying marks permanently affixed to products when shipped by DENSO are removed, altered, defaced or obliterated.

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**PURCHASE DATE:** \_\_\_\_\_

**SERIAL NUMBER:** \_\_\_\_\_

# ***DENSO***

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