



CoolCube 10

November 2005
Price List

Modular Air Conditioner - Module



<u>Model</u>	<u>Description</u>	<u>List Price</u>
CC10	CoolCube 10 Module	

Modular Air Conditioner - Accessories Portable & Rack Kit Accessories



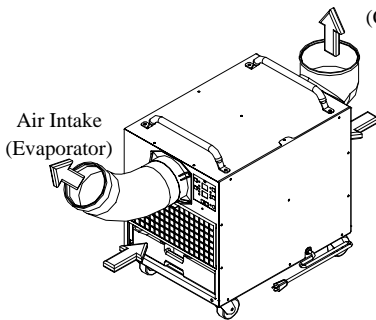
Exhaust Air

<u>Part Number</u>	<u>Description</u>	<u>List Price</u>
PT100-1000	Wheel Kit	
PT100-1010	Feet Kit	
PT100-1021	Stack Kit	
PT100-1030	Handle Kit	
PT100-1040	Condensate Pump Kit	
	Remote Control Pad Kit	
RK100-1000	19-Inch Rack Kit	

Airflow Kit Accessories

Cold Air

Air Intake
(Condenser)



Air Intake
(Evaporator)

<u>Part Number</u>	<u>Description</u>	<u>List Price</u>
AF100-1000	Six-Inch Nozzle	
AF100-1010	90° Eight-Inch Flange	
AF100-1020	Eight-Inch Flange	
AF100-1030	Rack Diffuser	
AF100-1080	Evaporator Plenum	
AF100-1090	Condenser Plenum	
AF100-1060	Ceiling Tile Kit - (1) Duct	
AF100-1070	Ceiling Tile Kit - (2) Ducts	
	Eight-Inch Duct - 10 Ft. Long	
	Six-Inch Flange	

Modular Air Conditioner - Packages



<u>Part Number</u>	<u>Description</u>	<u>List Price</u>
PK200-1000	Portable Package - Wheel Kit, Six-Inch Nozzle, Handle Kit	
PK200-1020	Rack Package - 19-Inch Rack Kit, Rack Diffuser	
PK200-1030	Hanging Package - Evap. Plenum, (2) Eight-Inch Flanges, Cond. Pump Kit	
PK200-1040	Heat Rejection Package - 90° Eight-Inch Flange, Ceiling Tile Kit - (1) Duct	
PK200-1050	Condenser Airflow Package - 90° Eight-Inch Flange, Ceiling Tile Kit - (2) Ducts, Cond. Plenum	



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Part Name: CoolCube 10 Module
Part Number: CC10

List Price:



Description:

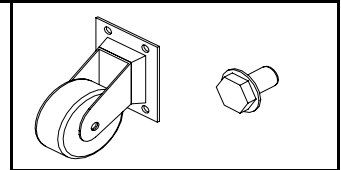
With a revolutionary modular design that easily adapts to virtually any application, MaxPower's CoolCube 10 is the only air conditioning solution in the industry that changes to fit your individual needs. The compact, 10,000 Btu/h module can be rack-mounted, hung from the ceiling, stacked for capacity or redundancy, or used as a stand-alone portable unit - simply by adding the respective accessory.

Contents:

- | | |
|--------------------------------|----------------------------------|
| (1) CoolCube 10 Module | (1) Remote Control |
| (1) Warranty Registration Card | (1) Unpacking Instructions Sheet |
| (1) Operation Manual | |

Part Name: Wheel Kit
Part Number: PT100-1000

List Price:
Installation Location: Factory/Field



Description:

These heavy-duty swivel casters are constructed of heavy gauge steel with a corrosion-resistant zinc finish. The composition rubber wheel combines a soft rubber tread with a hard rubber core for quiet movement, a cushioned ride, and maximum floor protection. The wheels are suitable for any type of floor surface from asphalt to linoleum to carpet, and will provide protection from chemicals and metal scraps. The 3-Inch diameter wheels will add 3.8 inches to the overall height of the CoolCube module, and provide more than 700 lbs. of load capacity for stacking requirements.

Application:

The wheels mount to the bottom four corners of the CoolCube module, and allow the unit to be pushed easily from room to room.

Contents:

- | | |
|--------------------------------|--------------------------|
| (4) Swivel Casters with Brakes | (8) 5/16" Mounting Bolts |
| (1) Installation Sheet | |

Tools Needed:

- (1) 1/2" Socket & Ratchet

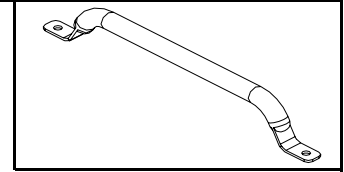


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Part Name: Handle Kit
Part Number: PT100-1030

List Price:
Installation Location: Field



Description:

The handles are constructed of a 0.88" OD steel tubing with a .07" wall thickness creating a very ergonomically designed handle that will stand up to any type of punishment. The handles are finished in a durable black polyester powder coat to protect it from all environments.

Application:

The Handle Kit is mounted on top of the CoolCube to assist with moving the unit from one location to another, either by lifting or pushing the CoolCube. It is a great way to get over curbs, steps, and almost anything else that stands in the way. Alternatively the handles can be mounted to the bottom of the front and back panels to assist with lifting CoolCube units when they are stacked. The handles make carrying and pushing the CoolCube around a simple task.

Contents:

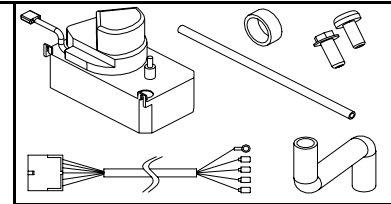
- (2) Handles
- (1) Installation Sheet

Tools Needed:

- (1) Phillips # 4 Drive Screwdriver

Part Name: Condensate Pump Kit
Part Number: PT100-1040

List Price:
Installation Location: Factory/Field



Description:

The pump is molded with a tough ABS plastic, and includes a safety switch to shut-off the CoolCube if there is an unforeseen problem. The pump is mounted inside the CoolCube within the tank compartment, and receives its power from the CoolCube's power cord. The powerful pump can discharge the condensate up to 18 ft. high with 3/8" tubing.

Application:

The Condensate Pump Kit is used with the CoolCube when emptying the standard tank is not always convenient. The pump allows you to discharge the condensate that the CoolCube is producing to a sink / drain line / large reservoir / etc. The Condensate Pump Kit allows the CoolCube unit to operate 24 hours a day / 7 days a week without any type of monitoring to empty the standard tank reservoir.

Contents:

- (1) Condensate Pump
- (1) 3/8" Tubing - 20 ft.
- (1) #10-32 Machine Screws
- (1) Wire Tie Attachment Plate
- (1) Installation Manual
- (1) Warranty Card
- (2) Wire/Tube Ties
- (1) Six-Inch Corrugated Tubing
- (1) Wire Harness
- (2) Tube Clamps
- (1) Ground Screw

Tools Needed:

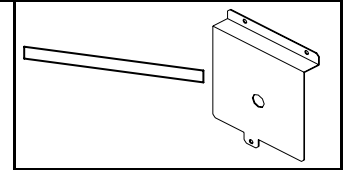
- (1) 1/4" Socket and Ratchet
- (1) Scissors
- (1) Phillips # 2 Drive Screwdriver



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Part Name: Remote Control Pad Kit List Price:
Part Number: PT100-1050 Installation Location: Field



Description:

The Remote Control Pad Kit allows the control pad on the front of the CoolCube module to be removed and placed up to 25 feet away from the module. The kit comes with a blanking panel that covers the control pad opening once it is removed from the unit. The control pad cable inside the unit is removed, and is replaced with a 25 foot plenum rated cable. The control pad can be mounted to a wall with its (4) rear screws.

Application:

The Remote Control Pad Kit is used when the CoolCube module is placed outside the conditioned area, and the cold air is ducted into the remote area where the controls need to be located. The kit is used when the module is hung above a drop ceiling, and the cold air is blown into the room below.

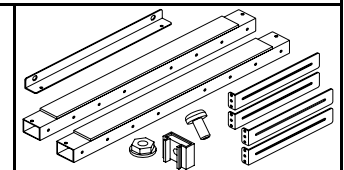
Contents:

- | | | |
|-----------------------------|-------------------------------|------------------------|
| (1) Blanking Panel Assembly | (1) 25 Ft. Plenum Rated Cable | (1) Installation Sheet |
|-----------------------------|-------------------------------|------------------------|

Tools Needed:

- | | |
|--------------------------------|-------------------------------|
| (1) Phillips Drive Screwdriver | (1) Slotted Drive Screwdriver |
| (1) 11/32 Socket and Ratchet | (1) Needle Nose Pliers |

Part Name: 19-Inch Rack Kit List Price:
Part Number: RK100-1000 Installation Location: Field



Description:

The 19-Inch Rack Kit is used to mount a CoolCube Module into any EIA-310-D 4-post or 2-post rack enclosure. The kit includes (2) heavy-duty rails with a 0.083" wall thickness, (4) side brackets that are 12 gage sheet metal, and (1) rear mounting bracket that is 12 gage sheet metal. All sheet metal parts are coated in a durable black polyester powder coat to protect them from all environments. Additionally the rails have vibration dampening foam attached to the top for noise reduction. The Hardware included in the kit provides various screws and nuts for the four most common types of racks: Square Hole Racks, 12-24 Threaded Racks, 10-32 Threaded Racks, and Round Hole Racks (non-threaded).

Application:

The Rack Kit is used to install (1) CoolCube module into the bottom of the rack. The module is designed to be mounted only at the bottom because the condensate it produces must not be above any electrical equipment. The CoolCube module can only be Center-Mounted for 2-post applications. The module is installed through the side of a 4-post enclosure, and operates without the front and back panels.

Contents:

- | | | |
|-------------------------------|-------------------------------|-----------------------|
| (2) Rail Assemblies | (1) Rear Bracket | (4) Side Brackets |
| (22) #10-32 Truss Head Screws | (12) #12-24 Truss Head Screws | (12) #10-32 Cage Nuts |
| (12) #10-32 Nuts | (1) Installation Sheet | |

Tools Needed:

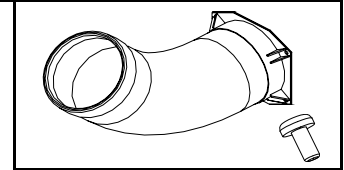
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|-----------------------------------|---|
| (1) Phillips #2 Drive Screwdriver | (1) 3/8" Wrench (Round Hole Racks only) |
|-----------------------------------|---|



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Part Name: Six-Inch Nozzle List Price:
Part Number: AF100-1000 Installation Location: Field



Description:

The interlocked polypropylene construction duct allows the nozzle to be twisted and turned in any direction. The collapsed length of the nozzle is 16 inches, and can be expanded to 22.5 inches. The nozzle bolts onto the front of the CoolCube next to the controller, and is rugged enough to be used in any type of environment.

Application:

The six-inch diameter nozzle is used in any type of application to focus the CoolCube's cold air directly onto a hot spot.

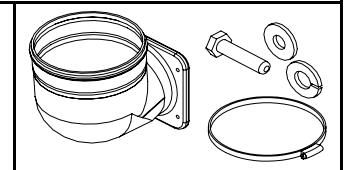
Contents:

- (1) Six-Inch Nozzle
- (4) M6 Machine Screws

Tools Needed:

- (1) Phillips # 2 Drive Screwdriver

Part Name: 90 ° Eight-Inch Flange List Price:
Part Number: AF100-1010 Installation Location: Field



Description:

The 90 ° Eight-Inch Flange is a rugged polyethylene plastic part that is used for air management. The flange has a bead that is used to connect an eight inch duct in conjunction with a duct clamp. The flange is very useful when space is limited, and there is a requirement to navigate the air directly up or down. The flange is beige in color to coordinate with the CoolCube and office colors.

Application:

The 90 ° Eight-Inch Flange can be used on the back side of the unit to duct the warm condenser air up or down, or it can be used on the front side of the unit to duct the cold air up or down. In most cases, the flange will be used to duct the warm condenser air directly up into a drop ceiling plenum.

Contents:

- (1) 90 ° Eight-Inch Flange with gasket
- (4) M6 Machine Screws and Washers
- (1) Eight-Inch Duct Clamp
- (1) Installation Sheet

Tools Needed:

- (1) Phillips #2 Drive Screwdriver
- (1) Slotted Screwdriver

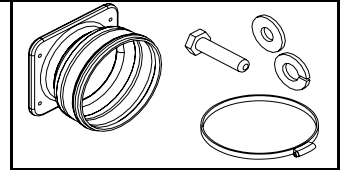


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Part Name: Eight-Inch Flange
Part Number: AF100-1020

List Price:
Installation Location: Field



Description:

The Eight-Inch Flange is a rugged polyethylene plastic part that is used for air management. The flange has a bead that is used to connect an eight inch duct in conjunction with a duct clamp. The flange is very useful when there is a requirement to navigate the air for longer straight duct runs. The flange is beige in color to coordinate with the CoolCube and office colors.

Application:

The Eight-Inch Flange can be used on the back side of the unit for longer straight duct runs of the warm condenser air, or it can be used on the front side of the unit for longer straight duct runs of the cold evaporator air.

Contents:

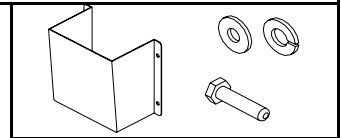
- (1) Eight-Inch Flange with Gasket
- (1) Eight-Inch Duct Clamp
- (4) M6 Machine Screws and Washers
- (1) Installation Sheet

Tools Needed:

- (1) Phillips #2 Drive Screwdriver
- (1) Slotted Screwdriver

Part Name: Rack Diffuser
Part Number: AF100-1030

List Price:
Installation Location: Field



Description:

The Rack Diffuser is a tough 18 gage sheet metal part that is powder coated to match the color of the CoolCube. The diffuser is insulated with foam to prevent condensation and provides an air tight seal with the unit. When the diffuser is assembled to the unit, it extends out an additional 4 inches from the front panel.

Application:

The Rack Diffuser is used to focus the cold air straight up to cool equipment directly above the CoolCube. In most cases, the diffuser will be used on the CoolCube when the unit is placed on the bottom of an IT rack.

Contents:

- (1) Diffuser
- (1) Installation Sheet
- (4) M6 Machine Screws and Washers

Tools Needed:

- (1) Phillips # 2 Drive Screwdriver

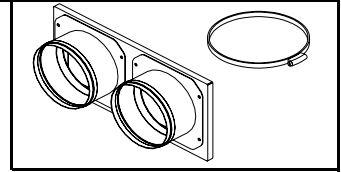


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Part Name: Evaporator Plenum
Part Number: AF100-1040

List Price:
Installation Location: Field



Description:

The Evaporator Plenum is constructed of 18 gage sheet metal, and easily replaces the standard evaporator inlet grille. The plenum is powder coated to match the color of the CoolCube. The (2) six inch flanges that come standard will provide adequate return airflow over the evaporator.

Application:

The Evaporator Plenum is used to return air back to the CoolCube unit. The most efficient cooling method is to place the CoolCube unit outside the room that needs cooling and recirculate the inside room air through the CoolCube unit outside the room. This is done by ducting the cold discharge air into the room, and ducting the warmer room air back to the CoolCube using the Evaporator Plenum.

Contents:

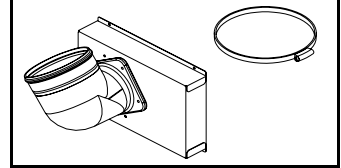
- | | |
|------------------------|----------------------------------|
| (1) Evaporator Plenum | (2) Six-Inch Sheet Metal Flanges |
| (1) Installation Sheet | (2) Six-Inch Duct Clamps |

Tools Needed:

- (1) Slotted Screwdriver

Part Name: Condenser Plenum
Part Number: AF100-1050

List Price:
Installation Location: Field



Description:

The Condenser Plenum is constructed of 18 gage sheet metal, and easily bolts onto the condenser inlet grille. The plenum is powder coated to match the color of the CoolCube. The (1) 90 ° elbow that comes standard with the plenum allows you to rotate the 8-Inch duct to the left or right for easy access to the ceiling plenum during single module or stacked module applications.

Application:

The Condenser Plenum is used when air for the condenser is needed from a different location to prevent a vacuum from forming inside a small room. Typically the condenser plenum is used in conjunction with the Ceiling Tile Kit - (2) Ducts.

Contents:

- | | | |
|---------------------------------------|-------------------------------|------------------------|
| (1) Condenser Plenum | (1) Eight-Inch Duct Clamp | (1) Installation Sheet |
| (1) 90° Eight-Inch Flange with gasket | (10) Machine Screws & Washers | |

Tools Needed:

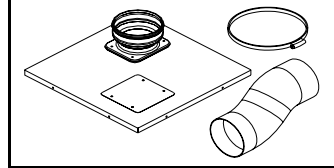
- (1) Phillips # 2 Drive Screwdriver (1) Slotted Screwdriver



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Part Name: Ceiling Tile Kit - (1) Duct List Price:
Part Number: AF100-1060 Installation Location: Field



Description:

The Ceiling Tile Kit - (1) Duct is a sturdy 18 gage sheet metal ceiling tile that is powder coated white that replaces a standard ceiling tile. All components are shipped assembled for quick and easy field installation.

Application:

The Ceiling Tile Kit - (1) Duct is the most common way to remove warm condenser air from a room inside a building. To install the kit, remove a 2 ft. x 2 ft. acoustical ceiling tile from the drop ceiling and replace it with the assembled discharged ceiling tile. Then attach the duct end that drops to the floor to the CoolCube's 90 ° Flange. It is important to confirm that the plenum area above the drop ceiling is large enough (or ventilated) to take the warm air away from the room.

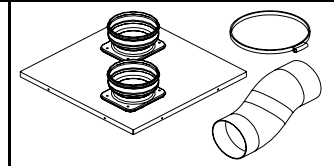
Contents:

- | | |
|------------------------------------|---------------------------------|
| (1) Ceiling Tile | (1) Eight-Inch Flange w/ gasket |
| (1) Eight-Inch Duct - 10 Feet Long | (1) Eight-Inch Duct Clamp |

Tools Needed:

- (1) Slotted Screwdriver (to attach duct to CoolCube 10)

Part Name: Ceiling Tile Kit - (2) Ducts List Price:
Part Number: AF100-1070 Installation Location: Field



Description:

The Ceiling Tile Kit - (2) Ducts is a sturdy 18 gage sheet metal ceiling tile that is powder coated white that replaces a standard ceiling tile. All components are shipped assembled for quick and easy field installation.

Application:

The Ceiling Tile Kit - (2) Ducts is a great way to cool down a small room with a drop ceiling. Locate the CoolCube 10 inside the room and discharge the warm condenser air up into the drop ceiling plenum, while getting the condenser return air from the drop ceiling plenum as well. The two biggest benefits of using the Ceiling Tile Kit - (2) Ducts is to maintain a pressure equilibrium within the small room (if the unit is only discharging warm air into drop ceiling plenum, it may cause a vacuum within the room), and to improve efficiency of the air conditioner. It is important to confirm that the plenum area above the drop ceiling is large enough (or ventilated) to take the warm air away from the room. Additionally, the Ceiling Tile Kit - (2) Ducts can be used to discharge the warm condenser air from (2) CoolCube stacked modules.

Contents:

- | | |
|-------------------------------------|----------------------------------|
| (1) Ceiling Tile | (2) Eight-Inch Flanges w/ gasket |
| (2) Eight-Inch Ducts - 10 Feet Long | (2) Eight-Inch Duct Clamps |
| (1) Warm Air Deflector | (1) Installation Sheet |

Tools Needed:

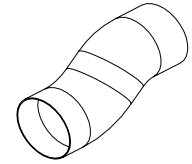
- (1) Slotted Screwdriver (to attach duct to CoolCube 10)



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Part Name: Eight-Inch Duct - 10 Ft. Long List Price:
Part Number: AF100-1080 Installation Location: Field



Description:

The white heat sealed duct is strong, durable, and lightweight. It is eight inches in diameter by ten feet long. The duct is made from a PVC/Polyester substrate with encased steel-wire helix construction to prevent collapsing and crushing of the duct. The duct is resistant to abrasion, fatigue, deterioration from weather, and chemical influences.

Application:

The eight inch duct can be used in conjunction with the CoolCube's 90 ° Eight-Inch Flange or straight Eight-Inch Flange. The duct can be used for both evaporator (cold air) and condenser (warm air) airflows for intake (return) air or discharge air.

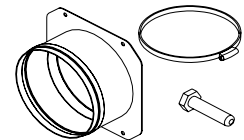
Contents:

- (1) Eight-Inch Ducts - 10 Feet Long

Tools Needed:

- (1) Slotted Screwdriver (to attach duct to CoolCube 10)

Part Name: Six-Inch Flange List Price:
Part Number: AF100-1090 Installation Location: Field



Description:

The Six-Inch Flange is a heavy duty flange made from sheet metal, and has a painted finish to provide protection in all types of environments. It has a bead to connect a duct in conjunction with a six inch duct clamp.

Application:

The six inch flange can be used for both evaporator (cold air) and condenser (warm air) airflows for intake (return) air or discharge air. The length of the CoolCube's duct runs will be shorter when using the six inch flange instead of the eight inch flange. However the six inch flange is great when space is limited, and does not allow the use of an eight inch flange.

Contents:

- (1) Six-Inch Flange with gasket (1) Six-Inch Duct Clamp
- (4) M6 x 25mm Machine Screws

Tools Needed:

- (1) Phillips Head # 2 Drive Screwdriver (1) Slotted Screwdriver