



# MEDI-KOOL Catalog



## Medi-Kool™ Product Highlights:

- **NEW 12 Volt 135 Degree Blanket Warming Cabinets—2, 4 and 8 Blanket Warming Cabinets**

**NEW 12 Volt Blood LITER Freezer 2.0 operating Cabinets to reach below 0 degrees.**

- **Climate Controls Designed to operate from 32 degrees F to 110 degrees F, now with the option to read Celsius**
- **SALTO Geo Cam Lock. Card based system with multiple levels of control and provides an Audit Trail.**
- **COMPX locking systems Wireless or Ethernet ready access via Keypad or Proximity Card HID & featuring an Audit Trail System.**
- **US Patent & Trademark, Document Number 6929061, Blanket Warming Cabinet - Patent Pending.**

Call our Toll Free  
number today for  
a quote!  
1-800-330-3553



See back for  
additional  
information



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(Photo shows our MK .67 SS and MK 5.9 SS Combination)



## MODEL: BLOOD LITER FREEZER 2.0



Introducing our new Freezer (2.0 unit seen above). This unit uses a “cool only” thermostat which allows the cabinet to be able to reach temperatures below 0 degrees. The Compressor can be mounted rear, right, left or top of the unit. Door can be hinged right or left.

### **Internal Dimensions**

15 1/8” Wide x 12 1/4” Deep x 15 1/2” High

### **External Dimensions—includes 1” Flange NOT INCLUDING COMPRESSOR**

17 7/8” Wide x 15 1/8” Deep x 19 7/8” High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.

See the EXTERNAL dimensions below including the compressor.

#### COMPRESSOR LEFT, RIGHT, REAR:

13” Wide x 7” Deep x 7 1/2” High

#### COMPRESSOR TOP:

13” Wide x 7” Deep x 8 1/2” High

### **Weight**

Unit Weight is 65 lbs.



## MODEL: MK BLANKET WARMER 2.0

Mermaid Manufacturing's 12v Mobile Blanket and Fluid Warming Cabinets Are used for medical and EMS Mobile Applications.



Custom face-plate mounted Microprocessor Based thermostat with digital display accurately controls the temperature setting within +/- 1°.



Lockable temperature settings with Low/High Temp Alarm and Maximum High Temp of 150°F

Low Amp Draw fan system ensures efficient circulation of warm air and uniform heat distribution with rapid heat recovery.

### Internal Dimensions

15" Wide x 12 3/8" Deep x 15 1/4" High

Heating element/electronic box can be mounted to the left or right.

### External Dimensions with 1" flange

28 1/4" Wide x 16" Deep x 21 3/8" High

Door can be hinged right or left.

### Weight:

Unit weighs 60 lbs.

### NOW OFFERING:

**2 blanket, 4 blanket and 8 blanket cabinets**

### Heating Element Specs

10 1/4" Wide x 5 1/8" Deep x 17" High

Start-up = 10 amps @ 1 Degree per minute, reaching MAX temp of 135 Degrees from ambient temperature of (80 F) in 60 mins. 4-5 amps to maintain temp



## MODEL: MK-DUAL TEMP /H MICRO DEPTH



A single unit with two sections. Both sections can be set at two separate temperatures, meaning one side can cool while the other heats. Compressors can be mounted to the rear or top of the unit. Please call for alternate compressor options. No door hinge options available.

**This cabinet requires 2 separate 12 volt sources due to one compressor for each side. The compressors cannot be wired together and come from one 12 volt source, this will result in failure.**

### Internal Dimensions (Each Bay)

10" Wide x 9 7/8" Deep x 5 3/4" High

### External Dimensions-includes 1" flange NOT INCLUDING COMPRESSOR

26" Wide x 12 5/8 Deep" x 10 1/4" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 65 lbs.





## MODEL: MK-DUAL TEMP /H SALINE DEPTH



A single unit with two sections; similar to the previous unit, but this cabinet is 6" deeper. Both sections can be set at two separate temperatures, meaning one can cool while the other heats. Compressors can be mounted to the rear, right, left or top of the unit.

No door hinge options available.

**This cabinet requires 2 separate 12 volt sources due to one compressor for each side. The compressors cannot be wired together and come from one 12 volt source, this will result in failure.**

### **Internal Dimensions (Each Bay)**

10" Wide x 15 7/8" Deep x 5 3/4" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

26" Wide x 18 5/8" Deep x 10 1/4" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 75 lbs.



## MODEL: MK-DUAL TEMP /V MICRO DEPTH



A single unit with two sections. Both sections can be set at two separate temperatures, meaning one can cool while the other heats. Compressors can be mounted to the rear, right or left of the unit. Please call for alternative compressor options.

Doors can be hinged right, left or a combination of both.

**This cabinet requires 2 separate 12 volt sources due to one compressor for each side. The compressors cannot be wired together and come from one 12 volt source, this will result in failure.**

### Internal Dimensions—Each Bay

10" Wide x 9 7/8" Deep x 5 3/4" High

### External Dimensions— includes 1" Flange NOT INCLUDING COMPRESSOR

13 1/2" Wide x 12 5/8" Deep x 20 5/8" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 65 lbs.





## MODEL: MK-DUAL TEMP /V SALINE DEPTH



A single unit with two sections; similar to the previous unit, but the interior depth is 6" deeper. Both sections can be set at two separate temperatures, meaning one can cool while the other heats. Compressors can be mounted to the rear, right or left of the unit. Please call for alternative compressor options.

Doors can be hinged right, left or a combination of both.

**This cabinet requires 2 separate 12 volt sources due to one compressor for each side. The compressors cannot be wired together and come from one 12 volt source, this will result in failure.**

### **Internal Dimensions (Each Bay)**

10" Wide x 15 7/8" Deep x 5 3/4" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

13 1/2" Wide x 18 5/8" Deep x 20 5/8" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 75 lbs.



## MODEL: MK-MICRO /H MICRO DEPTH



The smallest, most efficient refrigeration unit available.  
Compressor can be mounted to the rear, right, left or top of the unit.  
Door can be hinged right or left.

### **Internal Dimensions**

10" Wide x 9 7/8" Deep x 5 3/4" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

13" Wide x 12 5/8" Deep x 10 1/2" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.  
Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

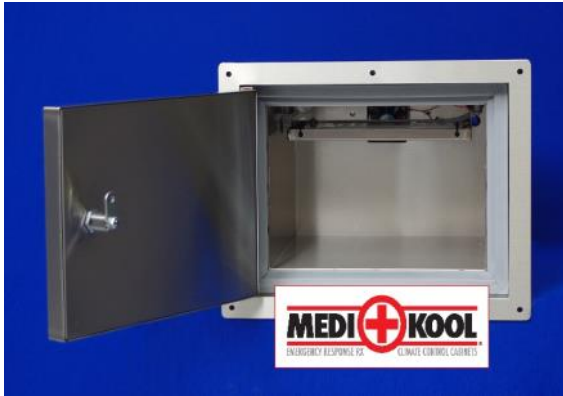
13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 35 lbs.



## MODEL: MK-MICRO /H SALINE DEPTH



Similar to our MK-Micro /H Micro Depth unit, this cabinet has the same width and height. The difference is that the depth is extended 6" deeper for extra storage space. Compressor can be mounted to the rear, right, left or top of the unit. Door can be hinged right or left.

### Internal Dimensions

10" Wide x 15 7/8" Deep x 5 3/4" High

### External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR

13" Wide x 18 5/8" Deep x 10 1/2" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 40 lbs.



## MODEL: MK-MICRO /V MICRO DEPTH



Closely related to our MK-Micro /H Micro Depth unit, the difference is that this cabinet is assembled on its side for different dimension requirements. Compressor can be mounted to the rear, right, left or top of the unit. Door can be hinged right or left.

### Internal Dimensions

7 1/2" Wide x 9 7/8" Deep x 8 1/2" High

### External Dimensions—including 1" Flange

#### **NOT INCLUDING COMPRESSOR**

10 1/4" Wide x 12 5/8" Deep x 13" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 35 lbs.



## MODEL: MK-MICRO /V SALINE DEPTH



Similar to our MK-Micro V/ Micro Depth, this cabinet has the same width and height. The difference is that the depth is extended 6" deeper for extra storage space. Compressor can be mounted to the rear, right, left or top of the unit. Door can be hinged right or left.

### Internal Dimensions

7 1/2" Wide x 15 7/8" Deep x 8 1/2" High

### External Dimensions—including 1" Flange

#### NOT INCLUDING COMPRESSOR

10 1/4" Wide x 18 5/8" Deep x 13" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 40 lbs.



## MODEL: MK SALINE



Stickers on unit not included.

This unit was developed specifically to store saline for the Induced Hypothermia Protocol. As of 2015 these units cannot operate in a “Cool Only” style. This unit is now temperature controlled as all the others. Compressor can be mounted to the rear, right, left or top of the unit. Door can be hinged top or bottom.

### **Internal Dimensions**

10” Wide x 15 7/8” Deep x 5 3/4” High

### **External Dimensions—includes 1” Flange NOT INCLUDING COMPRESSOR**

15” Wide x 18 5/8” Deep x 10 1/2” High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13” Wide x 7” Deep x 7 1/2” High

#### COMPRESSOR TOP:

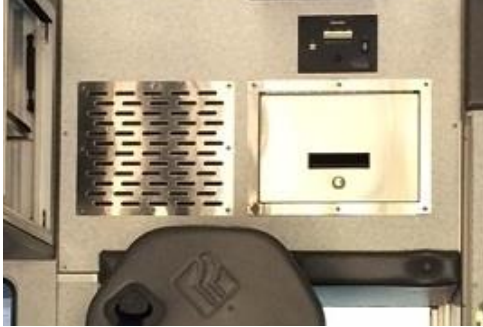
13” Wide x 7” Deep x 8 1/2” High

### **Weight**

Unit weight is 45 lbs.



## MODEL: MK SALINE - Micro Depth



This unit is similar to the MK Saline on the previous page, but the interior depth is 6" shorter. Compressor can be mounted to the rear, right, left or top of the unit. Door can be hinged top or bottom.

### Internal Dimensions

10" Wide x 9 7/8" Deep x 5 3/4" High

### External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR

15" Wide x 12 5/8" Deep x 10 1/2" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight 40 lbs.



## MODEL: MK 1.5 SS



This unit is ideal for the ALS cabinet or in a space where smaller climate controlled needs arise. It is available with the compressor on the rear, right, left or top. An optional pull out drawer is available for purchase (see page 33). Door can be hinged top or bottom.

### Internal Dimensions

19 1/2" Wide x 8 3/4" Deep x 5 3/4" High

### External Dimensions—including 1" Flange

#### **NOT INCLUDING COMPRESSOR**

24 3/4" Wide x 11 3/4" Deep x 10 1/4" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 55 lbs.





## MODEL: MK1.8 SS



Similar to the MK 1.5 SS, this unit has the same width and height, but is 7" deeper. It is available with the compressor on the rear, right, left or top. An optional pull out drawer is also available for purchase (see page 33). Door can be hinged top or bottom.

### **Internal Dimensions**

19 1/2" Wide x 15 3/4" Deep x 5 3/4" High

### **External Dimensions—including 1" Flange NOT INCLUDING COMPRESSOR**

24 3/4" Wide x 18 3/4" Deep x 10 1/4" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 65 lbs.



## MODEL: MK CHIEF SS



This is a “stand-alone unit” and is designed to be hard mounted to the deck in the back of an SUV or counter space in an ambulance. Made to be hard wired into the vehicles electrical system and is not a portable system. Door can be hinged to the right or the left and the compressor is mounted on the left.

### Internal Dimensions

7 1/2” Wide x 9 7/8” Deep x 8 1/2” High

### External Dimensions

With Compressor on Left or Right  
20 1/2” Wide x 15” Deep x 14” High

### Weight

Unit weight is 55 lbs.



## MODEL: MK 2.0 SS



This unit is our very attractive workhorse model and is our most popular unit. Narcotics Lock Box, as seen above, can be purchased for an additional cost (see page 32).

Compressor can be mounted rear, right, left or top and the hinge can be located on the left or right. Adjustable vented shelf is included.

Door can be hinged right or left.

### **Internal Dimensions**

15 1/8" Wide x 12 1/4" Deep x 15 1/2" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

17 7/8" Wide x 15 1/8" Deep x 19 7/8" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit Weight is 60 lbs.



## MODEL MK 4.0 SS



This unit is designed to hold extremely large drug bags. In the picture above, you can see the unit mounted on the side of a fire truck. Compressor can be mounted rear, right, left or top. Adjustable vented shelf is included. Door can be hinged right or left.

### **Internal Dimensions**

22 7/8" Wide x 20 7/8" Deep x 16 13/16" High

### **External Dimensions—including 1" Flange NOT INCLUDING COMPRESSOR**

25 3/4" Wide x 23 1/2" Deep x 21 3/4" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 95 lbs.



## MODEL MK 5.1 SS



This large cabinet is 5.1 cubic feet of heating or cooling space. Hence how we got the name! Compressor can be located to the rear, right, left or top of the unit. Door can be hinged top or bottom.

### Internal Dimensions

33 7/8" Wide x 19 3/4" Deep x 13 1/4" High

### External Dimensions— includes 1" Flange NOT INCLUDING COMPRESSOR

38 1/2" Wide x 22 1/2" Deep x 18" High

### Compressor Location and Dimensions:

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### Weight

Unit weight is 130 lbs.



## MODEL MK .67 SS



### (FORMERLY MK D SMALL)

This small, thin unit is designed to primarily carry saline bags or small drug boxes. Compressor can be mounted to the rear, right, left or top of the unit. An optional pull out drawer is available for purchase (see page 33).

Door can be hinged top or bottom

#### **Internal Dimensions**

23 1/4" Wide x 14 1/2" Deep x 3 1/2" High

#### **External Dimensions—including 1.25" Flange**

##### **NOT INCLUDING COMPRESSOR**

26" Wide x 17 1/8" Deep x 7 3/4" High

#### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

##### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

##### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

#### **Weight**

Unit weight is 45 lbs.



## MODEL MK 5.9 SS



**(FORMERLY MK D LARGE)**

This unit is designed to be placed underneath the MK .67 SS, both units must be purchased separately. Compressor can be mounted rear, right, left or top. Two adjustable vented shelves are included. Door can be hinged right or left.

### **Internal Dimensions**

23 1/8" Wide x 14 1/2" Deep x 31 1/4" High

### **External Dimensions—including 1.25" Flange**

#### **NOT INCLUDING COMPRESSOR**

26" Wide x 17 1/2" Deep x 36 1/4" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 185 lbs.



## MODEL MK 747 SS



The MK 747 is another one of our most popular sellers. Compressor can be mounted rear, right, left or top. One adjustable vented shelf is included. Door can be hinged right or left.

### **Internal Dimensions**

23" Wide x 12 3/8" Deep x 17" High

### **External Dimensions—includes 1" Flange**

#### **NOT INCLUDING COMPRESSOR**

26" Wide x 15 1/4" Deep x 21 1/2" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 80 lbs.





## MODEL MK 747 EXT SS



Similar to the MK 747 SS, this cabinet has the same height. The difference is that this unit is 3" wider and 10" deeper. Compressor can be mounted rear, right, left or top. Adjustable vented shelf included. Door can be hinged right or left.

### **Internal Dimensions**

26" Wide x 22 3/4" Deep x 16 1/2" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

29" Wide x 25 1/4" Deep x 21 1/2" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 125 lbs.



## MODEL MK 9606 SS



This unit was specifically designed for the Plano Storage Box located in the picture above. It is also nice for a narcotics drug bag or safe. Compressor can be located to the rear, right, left or top of the unit. Door can be hinged right or left.

### **Internal Dimensions**

17 3/4" Wide x 18 5/8" Deep x 17 1/4" High

### **External Dimensions—includes 1" Flange NOT INCLUDING COMPRESSOR**

20 3/4" Wide x 21 1/2" Deep x 22" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit. Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Unit weight is 90 lbs.



## MODEL MK PELICAN SS



The MK Pelican is one of our larger units. Compressor can be mounted rear, right, left or top. Adjustable vented shelf included.

Door can be hinged right or left.

### **Internal Dimensions**

26 1/4" Wide x 17 7/8" Deep x 20 1/4" High

### **External Dimensions—including 1" Flange**

#### **NOT INCLUDING COMPRESSOR**

29 1/2" Wide x 21" Deep x 25 1/4" High

### **Compressor Location and Dimensions:**

The compressor can be mounted on the left, right, top or rear of a unit.

Please make sure to include the compressor dimensions when measuring for installation.

#### COMPRESSOR LEFT, RIGHT, REAR:

13" Wide x 7" Deep x 7 1/2" High

#### COMPRESSOR TOP:

13" Wide x 7" Deep x 8 1/2" High

### **Weight**

Units weight is 115 lbs.



## MK CUSTOM CABINETS



We have combined an MK 40 SS & MK Micro Vertical along with mounting location for the controls. Most any unit can be combined with another unit, depending upon your requirements. There are few limitations.

We can also fabricate many different single unit faceplates. Let us know what your requirements are!

### **External Dimensions**

Width: 38 1/8"

Height: 24 1/8"

Depth: 24 1/8"

### **Cutout Dimensions:**

36 3/8" Wide x 21 3/8" High x 23 3/4" Deep



## OTHER SPECIAL SIZES

We make a large number of other size cabinets for various other applications. If you have a special situation where one of our standard cabinets does not fit, then contact us. For special size limited run cabinets, we do have to charge an engineering fee.

**The following cabinets external measurements do not include a compressor assembly.** Depending upon where you place the unit, you will need to account for the compressor assembly (see page 30). It can be mounted to the rear, right, left or top of the unit.

### **MK 4.98 SS (formerly Model F)**

External Dimensions 29 1/2" Wide x 20" Deep x 24" High

Internal Dimensions 26 3/4" Wide x 16 1/2" Deep x 19 1/2" High

### **MK 1.07 SS (formerly Model L - Small)**

External Dimensions 31 1/4" Wide x 12" Deep x 14" High

Internal Dimensions 25" Wide x 8 3/4" Deep x 8 1/2" High

### **MK 6.47 SS (formerly Model L - Large)**

External Dimensions 31 1/4" Wide x 20 1/4" Deep x 31 1/4" High

Internal Dimensions 27" Wide x 16 3/4" Deep x 24 3/4" High

### **MK 4.34 SS (formerly Model E-1)**

External Dimensions 26" Wide x 20 3/4" Deep x 26" High

Internal Dimensions 22" Wide x 17 1/2" Deep x 19 1/2" High

### **Model X-Extreme Conditions**

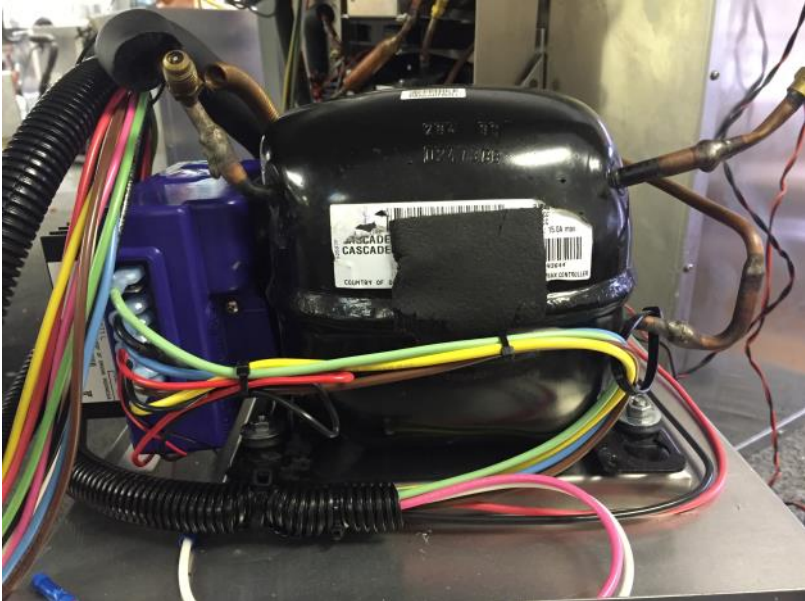
External Dimensions 33" Wide x 27 3/4" Deep x 23" High

Internal Dimensions 22" Wide x 20" Deep x 11 1/2" High

**\*\*MK Extreme\*\*** A heavily insulated unit designed to hold contents between 35 degrees F. or as high as 109 degrees F. regardless of the outside temperatures which could range from 125 degrees F. all the way to -60 degrees F.



## COMPRESSOR INFORMATION



All Medi-Kool Climate Controlled Cabinets are compressor based. We use a Masterflux Cascade Compressor, as seen in the image above. This photo shows a compressor assembly with the matching electronic module. All of our units are operated with one size compressor. Each compressor is mounted to the unit at the customers specification (rear, right, left or top).

Compressors carry a ONE YEAR warranty. See page 38 for warranty information.

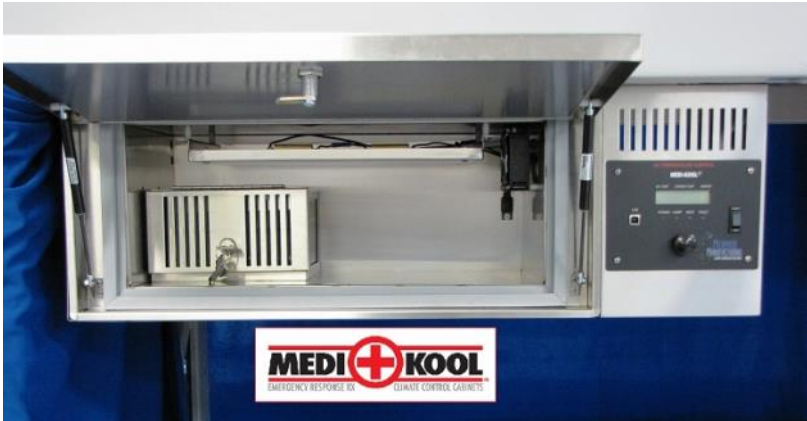
**These compressors MUST be vented at all times. Please see page 37 for proper venting.**

### **Dimensions of compressor assembly**

The compressor guard measures 10 1/2" Wide by 7.75" Deep x 10.75" High.



## MOUNTING RACK



The MK1.5SS, MK1.8SS, MK Saline or MK Micro with special mounting rack is a perfect fit for trucks and vehicles that need a unit but don't have a cabinet to house them in. This mounting rack will hold and allow the unit to secure from either the top or bottom of any surface! We have taken off the flange that normally surrounds the unit, made it a covered (and protected) side compressor mount. We added a place to hold our medical control board, or the MK Saline controls and placed extra fans for additional cooling.

### Dimensions Exterior:

Based on unit and compressor location. Right or Left options.



## NARCOTIC LOCK BOXES



Due to many customer requests, we have introduced a solution to carrying Narcotics, but have recently seen an increase for other uses.

They are secured using a Medeco cam Lock. Medeco locks and keys incorporate Medeco's patented, double locking principal which renders the lock virtually pick proof. Each box has it's own lock cam with 2 non-duplicating keys and a coded key tab.

Four mounting holes make it easy to install wherever you'd like.

### ***Small or Large Vented or Solid***

*Small – 8" Wide x 7" Deep x 4 1/2" High*

*Large – 9" Wide x 9" Deep x 4 1/2" High*





## DRAWER OPTION



The stainless steel drawer assembly is an option available for the Mk .67 SS, the MK 1.5 SS and MK 1.8 SS. We can configure the drawer assembly for other cabinets as well; an engineering fee may apply.

Partitions in the drawer are removable and can be configured to your requirements. When used in a larger unit, we will place a shelf just above it.

**Dimensions of drawer assembly are based upon unit**



## LOCK OPTIONS



All units are built with our standard Medeco cam lock which includes two keys, unless otherwise specified. (see image on left)

We are always in the R&D phase for lock options at the requests of our customers. We can work with you on your lock requirement.

Please see our list of locks that we currently offer below and continuing on page 35.

For pricing, please contact Mermaid Manufacturing and ask for "Medi-Kool Sales".



### Knob Only

These knobs can be installed on the outside of any Medi-Kool cabinet. They provide easy access to any cabinet with a simple turn.

**(not a locking system)**



### Now introducing our Audit Trail Salto Geo Cam Lock!

Audit trail, simple offline installation, low battery indicator. Can come with a key card, fobs, or bracelet. Certified Salto Installers on site at Mermaid Manufacturing would come to your facility to train employees how to use software. Travel expenses to be paid by customer.



### KL1000 Code Lock

10 button keypad. Multiple User codes are 4 digits, Master override codes are 8 digits. 15,000 openings on 2 AAA cells. Battery failure override using 9V battery across LED's (+/-) with master code. Engineering/Retrofit charge may apply based on cabinet.



## LOCK OPTIONS CONTINUED



### CompX Regulator Locks

These self locking devices offer a spring loaded latch, which allows the user to simply close the cabinet door. There is no need to return the knob into the locked position.



We offer 4 different ways to mount the CompX Regulator Locks:

- Left (keypad to the left of lock)
- Right (keypad to the right of lock)
- Vertical (keypad above the lock)
- Top (keypad below the lock)

To order these locks use this method:  
CompX Regulator (keypad position)



### CompX eLock (cabinet version)

**This lock MUST be purchased through CompX. 847-752-2500. Once purchased, please ship to our factory and we will install on the unit currently in production. Mermaid Manufacturing does not warranty this lock.**



Audit trail, up to 15,000 access attempts, up to 3,000 users, with four access modes including, keypad, proximity card, or magnetic card. Wi-Fi or Ethernet enabled with "Lock View 4" software.

For more information, please visit [www.compixelock.com/300series.html](http://www.compixelock.com/300series.html)



## MEDI-KOOL CONTROL BOARD



The Medi-Kool board maintains temperatures within one degree of your set perimeter. Our control boards require a 4 minute delay in order to regulate the compressor. These boards can maintain temperatures as low as 32 degrees F or as high as 110 degrees F. Beginning 2015, new manufactured boards have the ability to read Celsius as well as come in our stainless finish (as shown in this photo).

Our boards have the ability to pull 30 days worth of time, date and temperature via USB cable.

Control boards carry a ONE YEAR warranty. See page 38 for warranty information.

### Dimensions

The stainless steel faceplate is 7" wide by 5" high. The four mounting screws are 6" apart in width and 4" apart in height, center to center.

Each control board comes with a clear coated Mermaid Manufacturing sticker on the front that should not be removed.



## VENTING OF CABINETS

It is VERY important that installers understand our venting requirements.

We ask that a minimum of 36 square inches of space be available for the compressor to breathe.

Outside venting is always the first preferred method, but we realize this is not possible in all vehicle builds and/or scenarios.

If you are installing one of our Dual Temp Units—double the amount of space because you are utilizing TWO compressors.

In a cabinet style setting, good case scenarios, one must ensure that the compressor has a big enough vent to be able to pull air in and push air out. The larger the unit and install size, fans are most likely best option to ensure air flow (which require a separate 12V source).

Mermaid Manufacturing can provide several different fans and vent sizes for customers at an additional charge.

We understand that every builder is unique and no vent space is exactly the same (unless your entire fleet is being built at the same spec).



In this picture, you can see two of our units with proper venting to the left of the cabinets.

This allows both compressors on each unit to breathe properly.

Incorrect venting will result in compressor failure.



## WARRANTY POLICY

Should your Medi-Kool product fail to function (due to a defect in material or workmanship) within one year from the date of manufacturing, MERMAID MANUFACTURING OF S.W. FL, INC. (hereafter “MERMAID”) will replace or repair (at MERMAID’S discretion) any defective parts free of charge after written notice to MERMAID of your intent to ship the product back to our factory with transportation charges pre-paid. All units are shipped via LTL Freight, in a box strapped down on a pallet for safe keeping. We will not accept any repair units or send units via “ground” shipping!

Mermaid agrees to pay freight shipping to and from the customer within the first year. After the first year, Mermaid will not be responsible for shipping, but will still service the unit free of charge up the remaining FOUR YEARS, as long as it’s deemed a manufacturer defect. After FIVE YEAR warranty from manufacture date, labor charges of \$75.00 per hour will occur along with parts costs. This also applies if it is not a manufacturer defect.

Mermaid is not responsible for the installation or de-installation of the unit. Mermaid is not responsible for labor reimbursement.

**Control boards** are covered for one-year. We do have the ability to repair control boards. After our standard one-year, if the control boars fails, there is \$100.00 fee for control board repairs.

**Tecumseh Compressors** are covered for one year .

The one year provision of this limited warranty shall be void if either the circuit board or any major component has been damaged after the sale, subjected to unreasonable or abnormal use or operation, altered, repaired by anyone other than MERMAID without the company’s consent, wired with undersized wire (consult factory for questions), or installed or used other than as indicated in this installation and user’s guide

**Limitation of Liability:** Mermaid is dedicated to manufacturing quality marine and medical related products. In no event shall Mermaid be liable for any indirect, incidental or consequential damages arising out of any sale or operation of the products sold and/or installed. The purchaser or the user will hold Mermaid harmless of any incident caused by the failure of the Mermaid product up to and including injury or death. And in no event shall Mermaids obligation exceed the value of the product(s) sold.



## From Our President / CEO

We are a Vietnam Veteran, US owned company located in Fort Myers, Florida. Our total focus is to build foolproof systems. We understand the demands and needs in the world of First Responders and are determined to have our systems perform above expectations. In the busy and demanding world of emergency services, shortcuts will not work. It is far better, in the long run, to just do the job right the first time.

We are open to any and all suggestions from our customers, from our employees and from our vendors. Our goal is to meet your needs today and to be anticipating and designing to meet your needs of tomorrow.

The great majority of our employees have been with us for over ten years. Most of our processes and procedures are done in house.

We strongly believe in vertical integration. It gives us the ability to respond to customers needs immediately. In this environment, special sizes, special requirements and special needs are our standards. Our team loves challenges!

As you read through this catalog, if you do not find what you need, then contact us. We can design units to meet your specific needs. We are here to support you!

Semper Fi.

Bill Banfield, President/Owner

The Medi-Kool product line by Mermaid Manufacturing of SW FL, Inc. operates under US Patent Number 6929061. We fully reserve the right to protect our brand and our product.

### KEY

<b>MK</b>	<b>Medi-Kool</b>
<b>SS</b>	<b>Stainless Steel</b>
<b>R OR L</b>	<b>Right Or Left</b>
<b>MICRO DEPTH</b>	<b>Internal Depth 9.75"</b>
<b>SALINE DEPTH</b>	<b>Internal Depth 15.5"</b>
<b>H/R or H/L</b>	<b>Hinge Right or Hinge Left</b>
<b>STD</b>	<b>Standard</b>



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