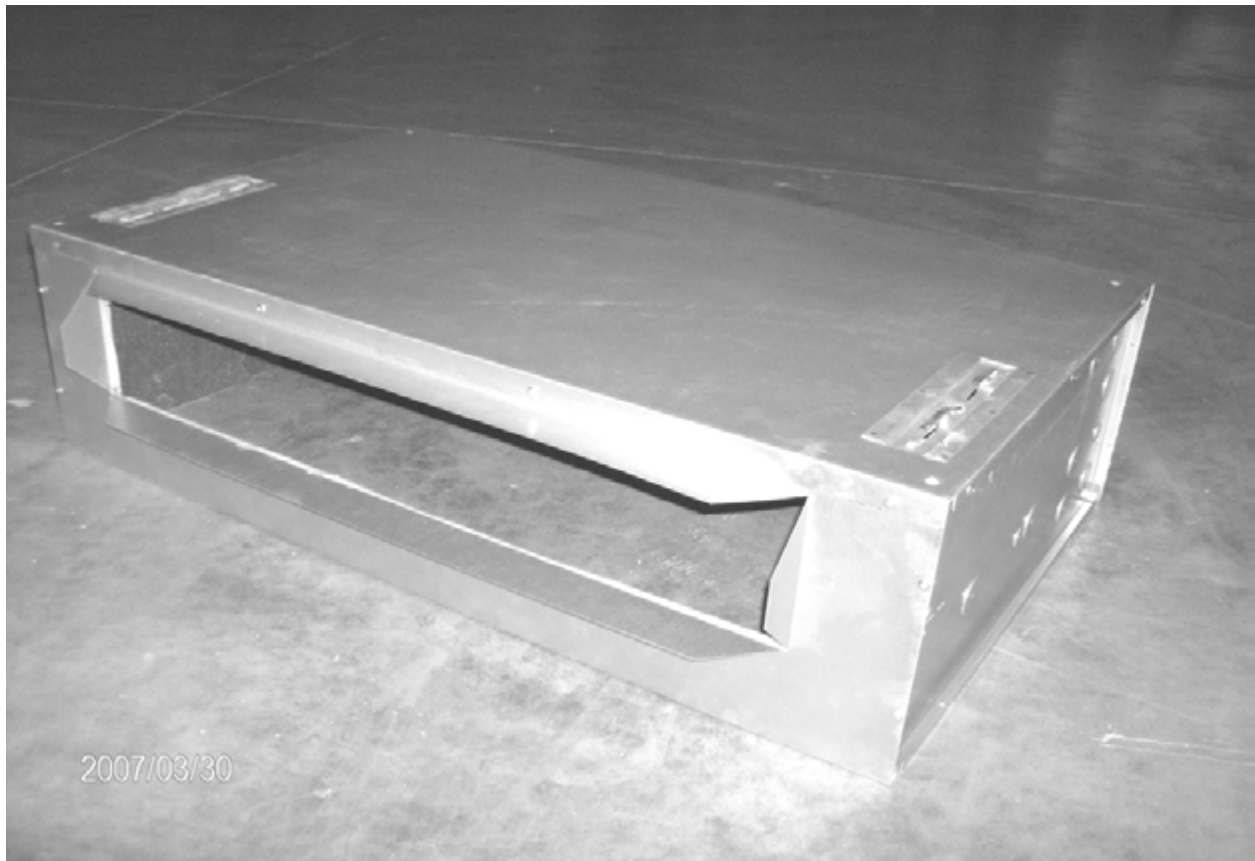




ASSEMBLY & INSTALLATION INSTRUCTIONS



MPE468 (L/NL), MPE10 (L/NL), MPE12 (L/NL)
FAN COIL ENCLOSURE



MPE468(L/NL), MPE10(L/NL), MPE12(L/NL)
Enclosure Assembly Instructions
MHCCW & MHCCX Fan Coils 1- 3 Tons

This product is designed and manufactured to permit installation in accordance with National Codes. It is the installer's responsibility to install the product in accordance with National Codes and / or prevailing local codes and regulations. Multiaqua assumes no responsibility for equipment installation contrary to any code requirement or installation instructions.

Pre-Assembly Checklist

(1) Left & Right Hand Panel (2) Front Discharge Panel (3) Top/Back Panel (4) Hinged Service Access Door

----- CAUTION -----

Care must be taken when handling sheet metal. Sheet metal parts have sharp edges and could cause injury.

GENERAL

Read the entire contents of this manual before beginning assembly

The components of this enclosure have been inspected at the factory and readied for shipment. Upon receiving the shipment a visual inspection of the packaging must be performed.

If any damage to the packaging is discovered, an inspection of the components must be performed and noted on the delivery documents. If component damage is found a damage claim must be filed by the receiving party against the delivery party immediately.

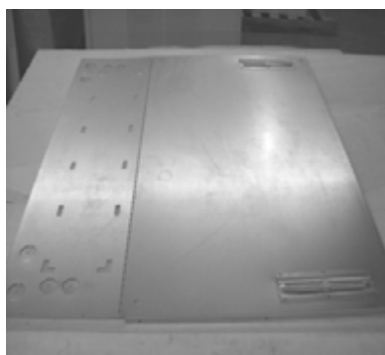
For approximate hanging weights refer to figure 11.



(1) Left and Right Side Panels



(2) Front Discharge Panel



(3) Top/Back Panel



(4) Hinged Service Access Panel



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GENERAL

Filters are not provided with the unit or enclosure and must be provided by the installing contractor. Refer to figure 12 for recommended filter sizes. For enclosure part numbers and dimensions refer to figure 13. For service access panel dimensions refer to figure 14. All screws and bolts for assembly are provided.

ENCLOSURE ASSEMBLY

1. Position the top/back panel on a smooth, flat surface with the insulation side of panel facing upward.

Figure 1.

2. Fold up the short end (back panel) of the top/back panel to allow for the assembly of the two side panels.

Figure 2.

3. Attach the short end of the each side panel by attaching it to the folded up back panel with two screws on each panel. Ensure that the arrow on both side panels is facing away from the folded up back panel.

Figure 3.

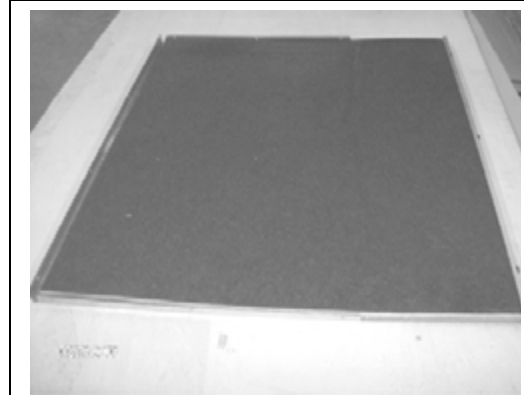


Figure 1

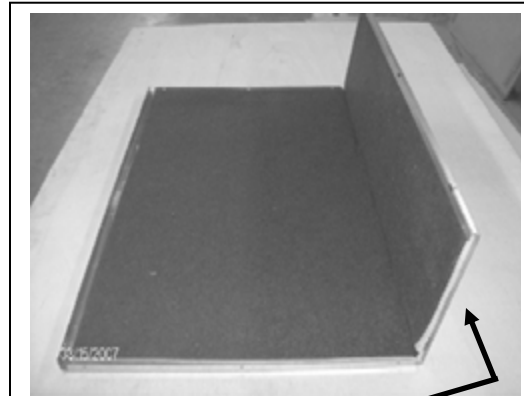


Figure 2



Figure 3



MPE468(L/NL), MPE10(L/NL), MPE12(L/NL)
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ENCLOSURE ASSEMBLY

4. Rotate the enclosure onto the back panel in order to attach the front discharge panel.

Figure 4.

5. Position the front discharge panel on top of the two side panels and attach with two screws per side. Ensure that the discharge panel opening is closer to the top panel.

Figure 5

6. Fold the top panel and secure it to the two side panels using three screws per side and to the front discharge panel using four screws.

Figure 6

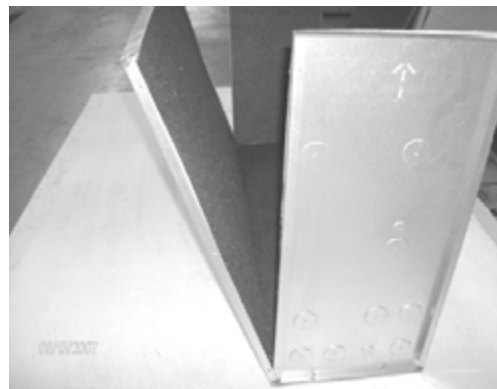


Figure 4

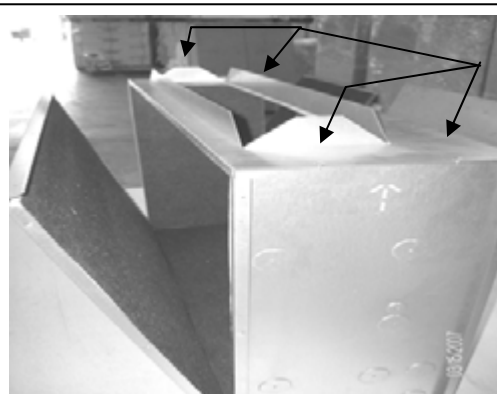


Figure 5

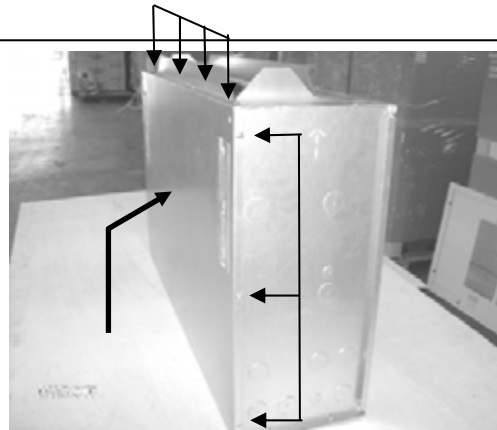


Figure 6



MPE468(L/NL), MPE10(L/NL), MPE12(L/NL)
Enclosure Assembly Instructions
MHCCW & MHCCX Fan Coils 1- 3 Tons

-----CAUTION-----
These units are designed to be installed in a horizontal configuration only. Care must be taken to ensure of the structural integrity of the supporting members, clearances and provisions for servicing, power supply, coil connections and drain facilitation.

**ENCLOSURE
INSTALLATION**

7. Cut away insulation from the inside of the top panel to allow the installation of the fan coil mounting bolts.

Figure 7 & 8

8. From the inside of the top panel, insert two mounting bolts (hex head first) into each side of the mounting track. Ensure that each bolt moves freely in both directions.

Figure 8

9. Locate the four mounting holes on the top panel of the enclosure. Raise the enclosure to the selected mounting area and secure with an adequate mounting method. Ensure that the enclosure is level in both directions to allow for proper condensate removal and/or operation.

Figure 9

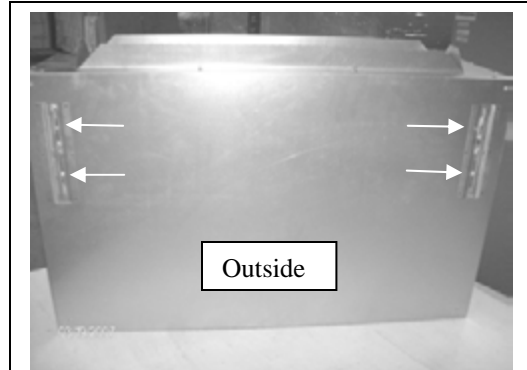


Figure 7

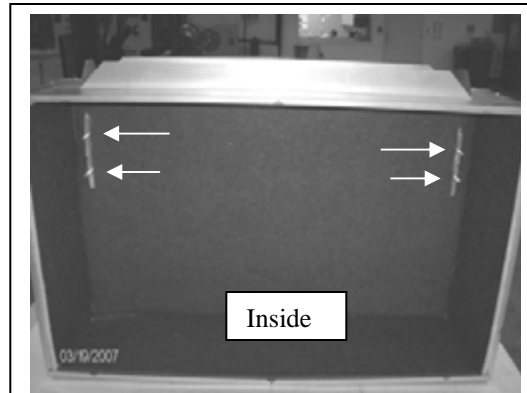


Figure 8

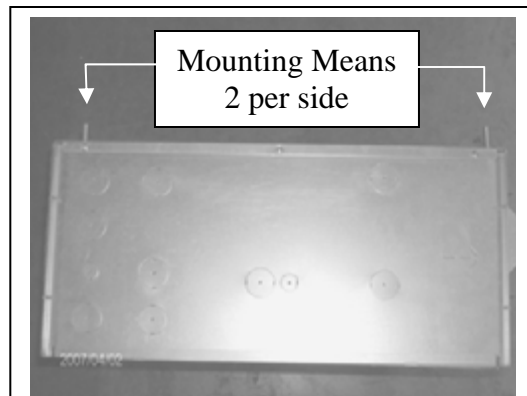


Figure 9



MPE468(L/NL), MPE10(L/NL), MPE12(L/NL)
Enclosure Assembly Instructions
MHCCW & MHCCX Fan Coils 1- 3 Tons

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----- CAUTION -----

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SUPPLY AND RETURN AIR CONNECTIONS

10. The fan coil enclosure assembly has a supply air duct flange to allow the attachment of ductwork. Ensure when attaching ductwork to the flange, that the screws are at least one and half inches away from the front of the enclosure. This is to allow proper insertion of the fan coil assembly into the enclosure assembly. When mounting the service access panel, louvered or non-louvered, the installing contractor must provide a frame in order to connect the enclosure assembly to the service access panel. This is required to obtain an airtight seal for the return air. Ensure that the material used for the frame adheres to national codes and / or local codes and regulations. Care must be taken when installing the service access panel to ensure the opening of the hinged service panel.

Figure 10

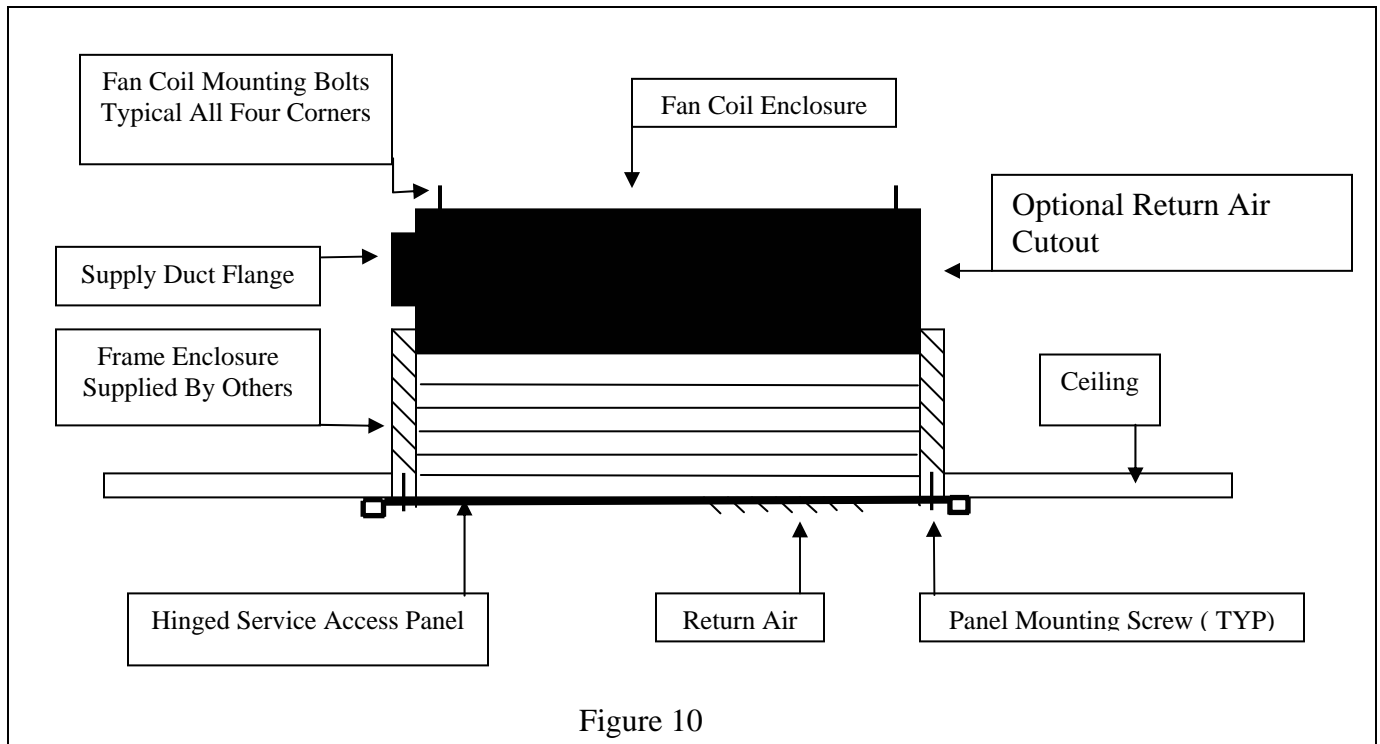


Figure 10



MPE468(L/NL), MPE10(L/NL), MPE12(L/NL)
Enclosure Assembly Instructions
 MHCCW & MHCCX Fan Coils 1- 3 Tons

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FAN COIL MODEL NUMBER	APPROXIMATED WEIGHTS	
	(KG)	(LBS)
MHCCW(X)04	30.00	66.0
MHCCW(X)06	31.00	68.2
MHCCW(X)08	33.00	72.6
MHCCW(X)10	34.00	74.8
MHCCW(X)12	38.00	83.6

Figure 11

ENCLOSURE PART NUMBER	FAN COIL SIZE	Dimensions in		
		Depth	Length	Height
MPE468	4	32.75	39.75	11.00
MPE468	6	32.75	39.75	11.00
MPE468	8	32.75	39.75	11.00
MPE10	10	32.75	45.75	11.00
MPE12	12	32.75	51.75	11.00

Figure 13

FAN COIL MODEL NUMBER	RECOMMENDED FILTER SIZES	
	Width (in)	Length (in)
MHCCW(X)04	18	36
MHCCW(X)06	18	36
MHCCW(X)08	18	36
MHCCW(X)10	18	36
MHCCW(X)12	2 qty 18	24

Figure 12

LOUVERED & NON-LOUVERED SERVICE ACCESS PANEL			
PANEL MODEL NUMBER	FAN COIL SIZE	LENGTH (in)	WIDTH (in)
MAP468L (NL)	4	43.25	27.5
MAP468L (NL)	6	43.25	27.5
MAP468L (NL)	8	43.25	27.5
MAP10L (NL)	10	49.25	27.5
MAP12L (NL)	12	55.25	27.5

Figure 14