

# ***HT2000<sup>®</sup>/MAX200<sup>®</sup>***

## ***Air Filter Upgrade***

***Field Service Bulletin  
802440 - Rev. 0***



# **HT2000/MAX200**

## **Air Filter Upgrade**

### **Field Service Bulletin**

**IM-244**

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# HT2000/MAX200 Air Filter Upgrade

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## INTRODUCTION

### Purpose

This field service bulletin will enable you to upgrade your HT2000 or MAX200 to receive an air filter in the front panel.

### General

The purpose of the air filter is to reduce the amount of dirt and dust that can accumulate inside the power supply when operating in harsh environments.

### Customer Required Tools

Phillips head screwdriver  
Duct tape

### HT2000/MAX200 Air Filter Upgrade Kit (128031):

Part No.	Description	Qty.
128031	HT2000/MAX200 Air Filter Upgrade Kit	
001566	Panel:HT2000 Front Filter	1
001567	Cover:HT2000 Front Filter Panel	1
027441	Filter:24 X 24 X 2 Fiberglass Air	4
075237	M/S:10-32 X 3/8 Phillips Head	3
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## INSTALLATION

Installation involves 5 steps:

- I. Removing the HT2000 or MAX200 front panel.
- II. Blocking the front side vents of the power supply.
- III. Installing the front filter panel (001566).
- IV. Inserting the air filter (027441) into front filter panel.
- V. Installing the front filter panel cover (001567).

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## WARNING



**SHOCK HAZARD:** Always turn off power and wait 5 minutes before removing cover of the power supply. If power unit is directly connected to a line disconnect box, place line disconnect switch to OFF position. Lock out and tag out switch before proceeding!

## I REMOVING THE HT2000 OR MAX200 FRONT PANEL

1. Turn off all power to the HT2000 or MAX200 system - see warning above.
2. Remove the 7 screws that secure the power supply front panel to the power supply - see Fig. 1 or 2. Save the screws.
3. Remove front panel.

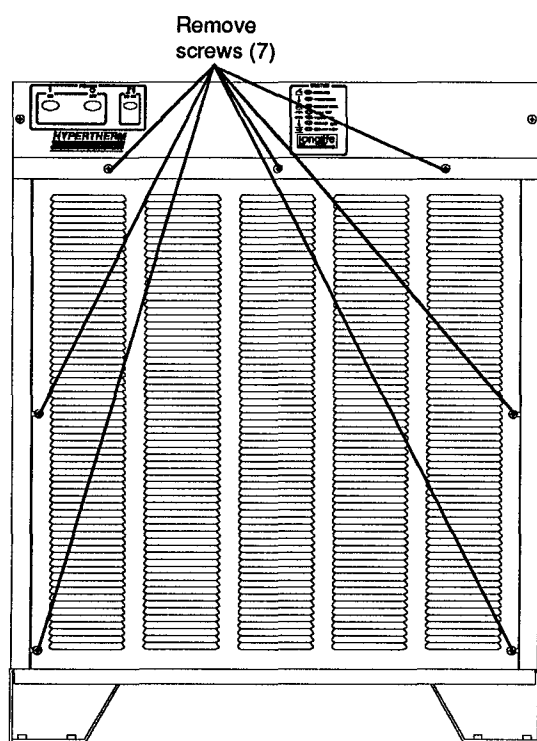


Figure 1 HT2000 Front Panel Removal

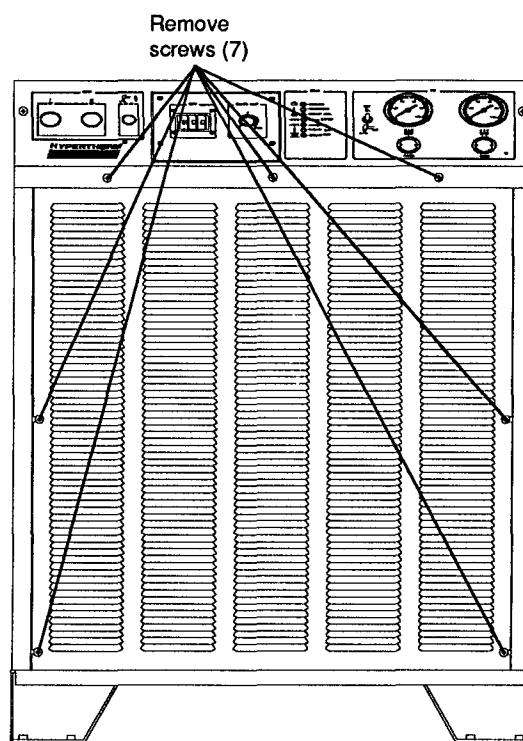


Figure 2 MAX200 Front Panel Removal

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## II. BLOCKING THE FRONT SIDE VENTS OF THE POWER SUPPLY

To properly channel the air flow in and out of the power supply when the new air filter is installed, the side vents located in the front of the power supply must be blocked. A quick and simple solution is to cover the vent holes with duct tape.

1. Roll out enough duct tape to cover the holes in the front right side panel of the power supply. Apply from the inside of the panel.
2. Repeat for front left side (not shown in Fig. 3).

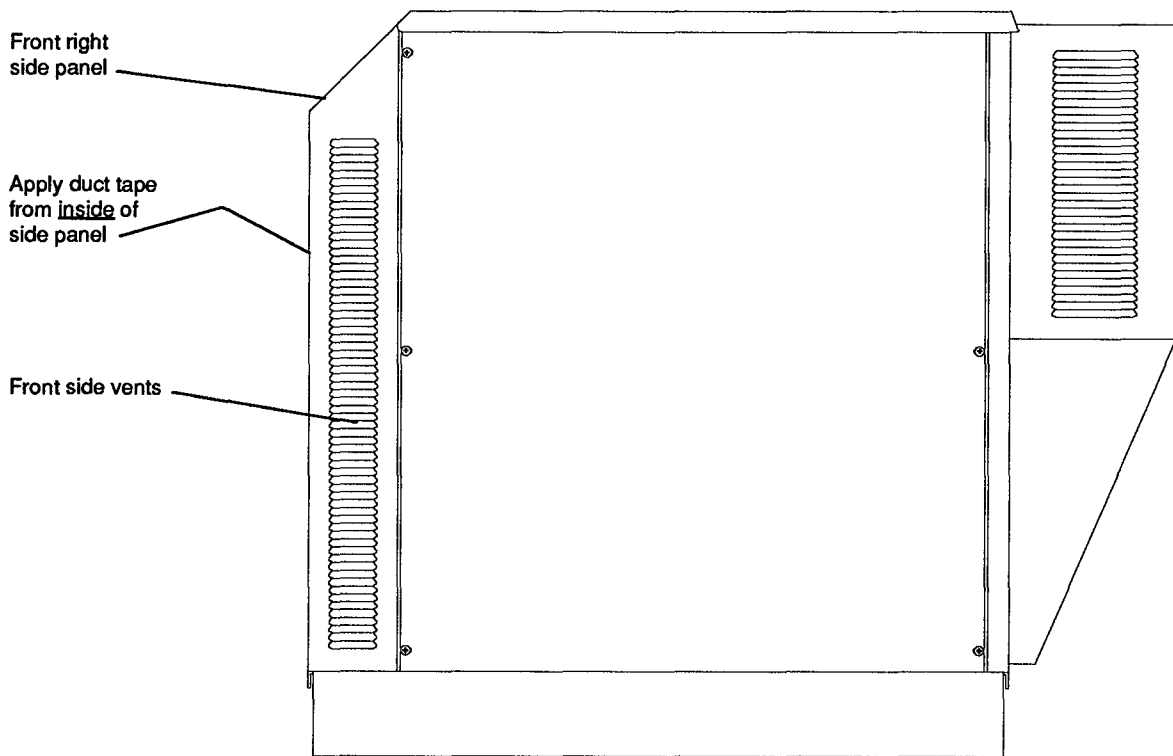


Figure 3 Blocking the Front Side Vents of Power Supply

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## III. INSTALLING FRONT FILTER PANEL

1. Fit front filter panel against power supply and fasten with the 7 screws removed in step I. See Fig. 4 or 5.

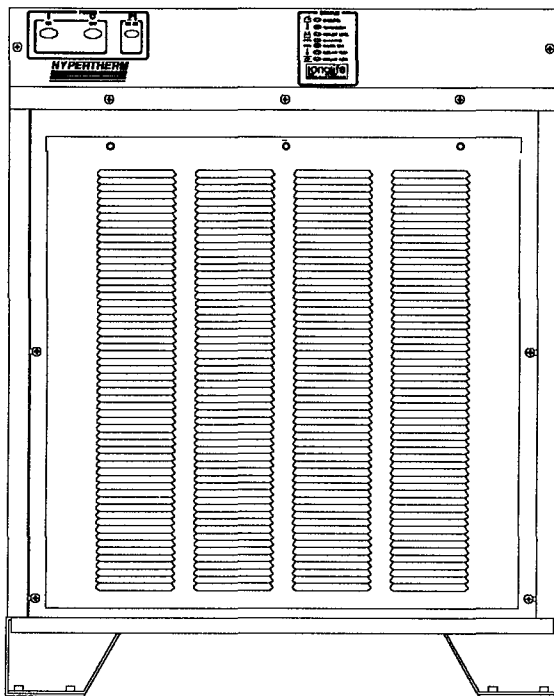


Figure 4 HT2000 with Front Filter Panel

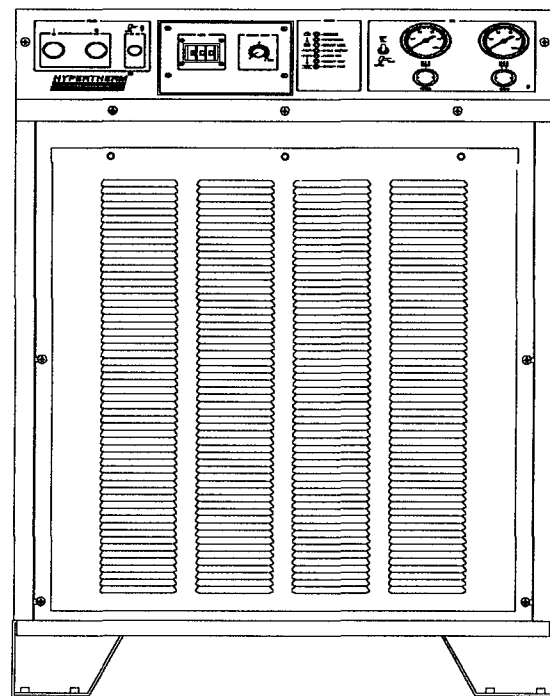


Figure 5 MAX200 with Front Filter Panel



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## IV. INSERTING AIR FILTER INTO FRONT FILTER PANEL

1. Hold air filter above front filter panel with the aluminum hole patterned end facing the power supply.
2. Slide air filter into front filter panel as shown in Fig. 6.

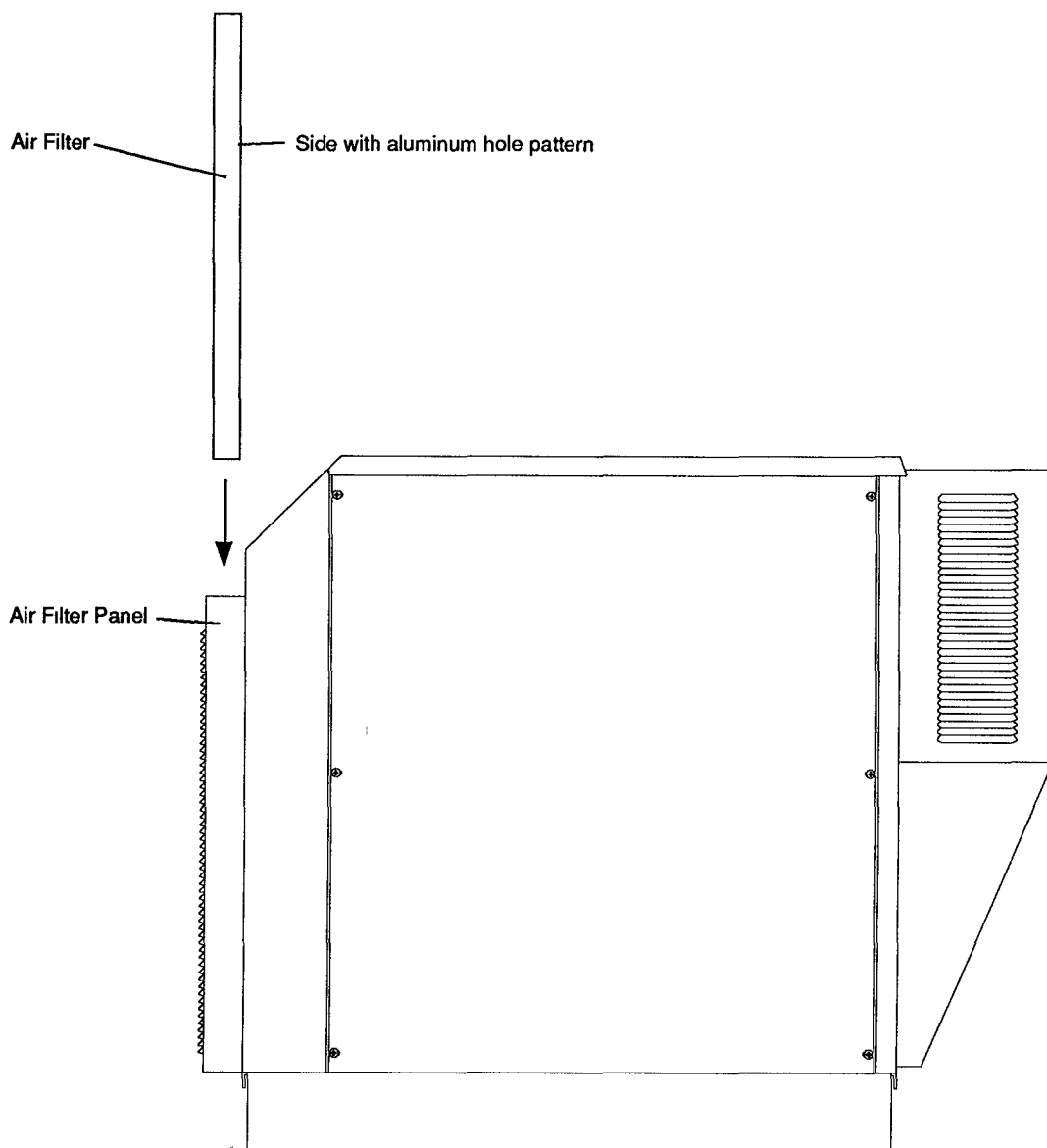


Figure 6 Inserting Air Filter into Front Filter Panel

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## V. INSTALLING FRONT FILTER PANEL COVER

1. Place front filter panel cover over front filter panel.
2. Fasten cover to filter panel with 10-32 screws in 3 locations - see Fig. 7 or 8.

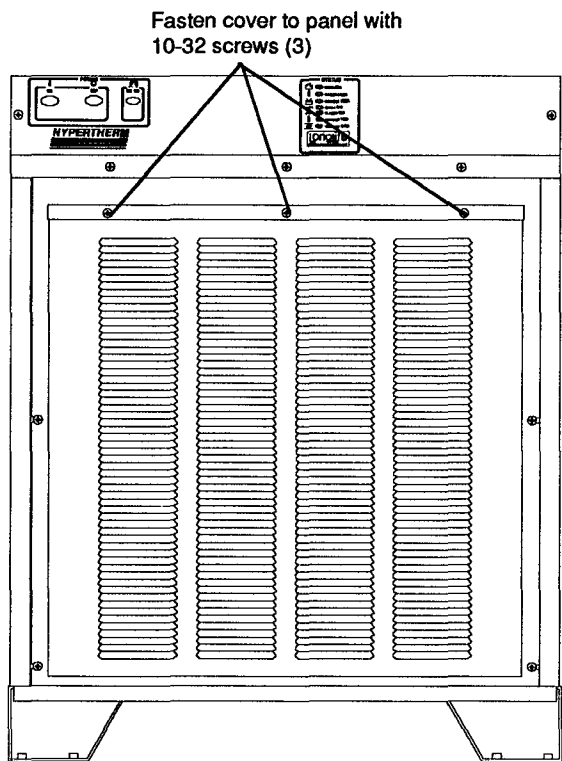


Figure 7 HT2000 with Filter Panel and Cover

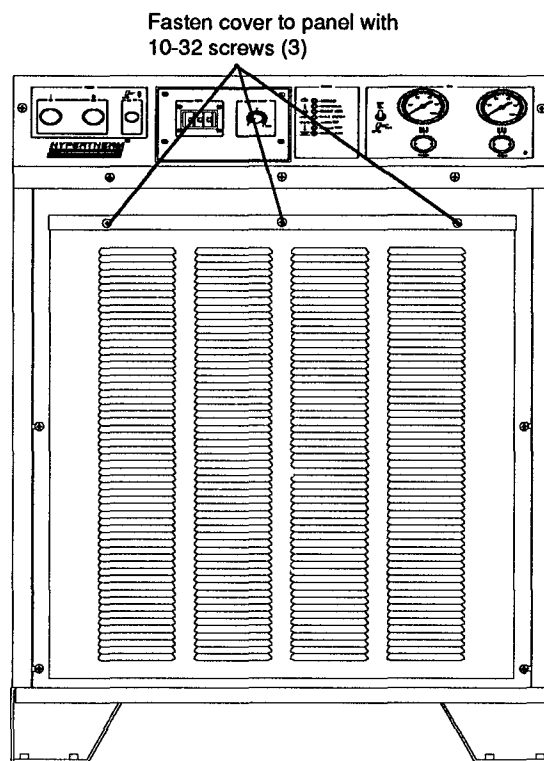


Figure 8 MAX200 with Filter Panel and Cover

## INSPECTION OF FILTER

The fiberglass air filter (027441) should be inspected every 2 weeks and changed with a new filter when dirty.