



E-Tool Mobile Manager (EMM) 11 Drawer Cabinet

Part # 563-0011-F01-00 (w/ Managed Switch)

Part # 563-0011-F20-00 (No Network Switch)

Publication # 095-2019-000-00 Rev. A



Tracewell Systems

Table of Contents

Chassis Description	3
Front View Power Indicator and System Lock	4
Drawer Connections	5
Rear View with the Cover on	6
Rear View with the Cover on	7
Rear Connectors Side View	8
Rear View Switch Compartment Lock	9
Rear View with Cover removed	10
Top View with No Switch Installed	11
Preventive Maintenance	12
Ethernet Switch Specification	13
Parts List	14
Dimension Drawing	15
Warranty	16

Chassis Description

General Specification

- 10 drawers accommodate 10 notebook computers, 1 per drawer.
 - Each drawer has a 120 VAC outlet and 1, RJ45 Ethernet connection.
 - Drawers provide full extension for ease of installing computer chargers and computers.
 - Drawers are vented to allow warm air to escape.
 - A single locking mechanism secures all drawers.
- Power surge protection is provided to protect all the laptops from voltage spikes.
- The unit has a durable finish.
- The F01 version is equipped with a Cisco 3560 Ethernet Switch, allowing a single connection to your server.
- The F20 version has no Ethernet Switch installed, but is fully wired and tested so the user can install a switch.
- 3 External Ethernet ports. One port directly to the Ethernet switch, the second Ethernet port will allow for daisy chaining the units, and the third is used as a console port for a managed switch.
- A Single power cord provides power to all the drawers and plugs directly into a standard 120VAC, 50-60Hz wall outlet.
- Fan is provided to insure sufficient cooling while charging.
- Large bottom drawer for miscellaneous storage

Construction Material

- Lightweight aluminum.

Cabinet Maximum Dimensions

- Depth – 26.8", Width – 20.1", Height 57.6" (with casters)

Drawer Dimensions

- Depth -16.4", Width – 15.3", Height - 3.25"

Weight

- 140 lbs (Without Notebooks)

Front View - Power ON Indicator & Drawer Lock

Drawer Lock



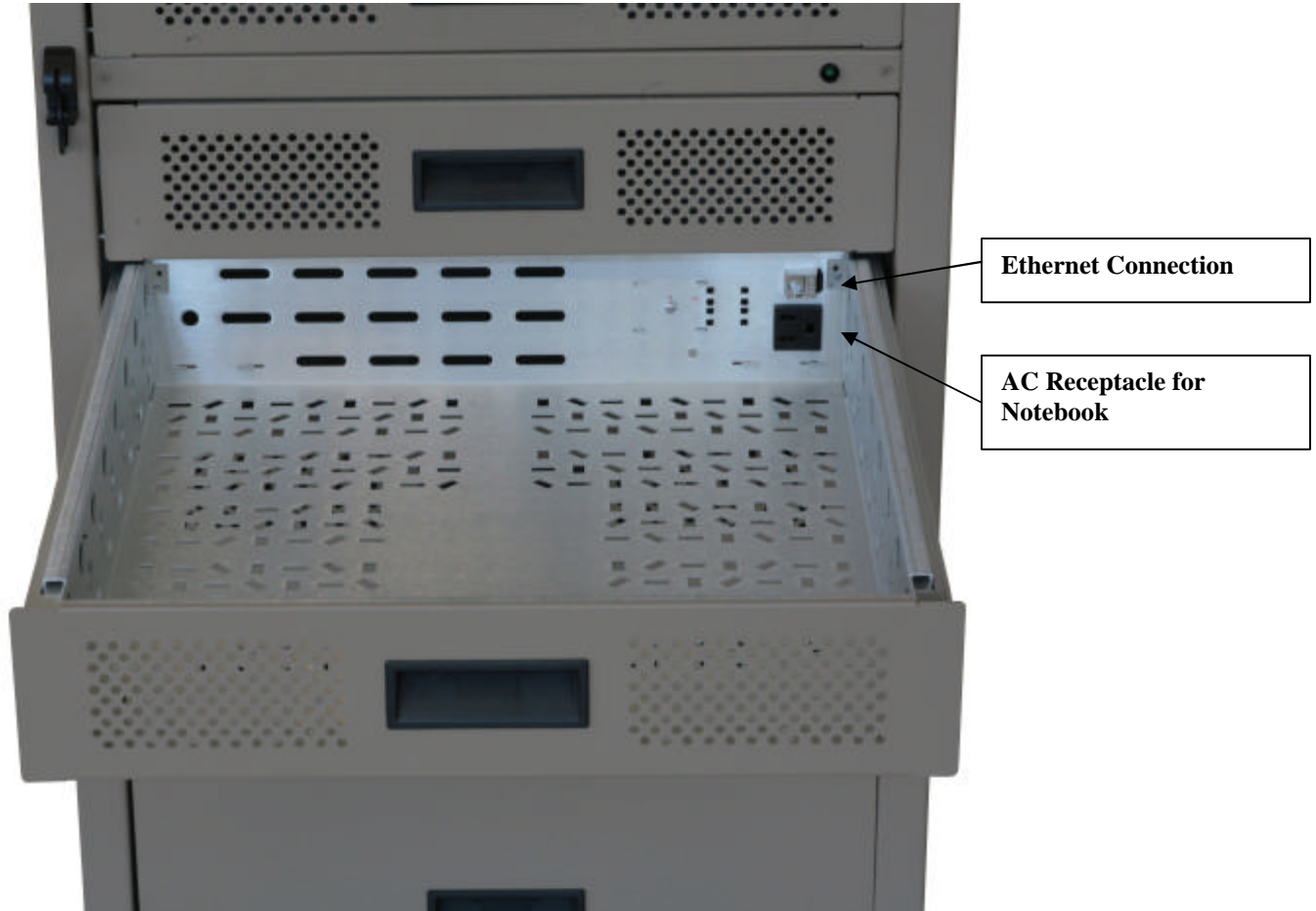
**Power On Indicator
Lights Green when
power is on.**

**Drawer Lock
Detail**



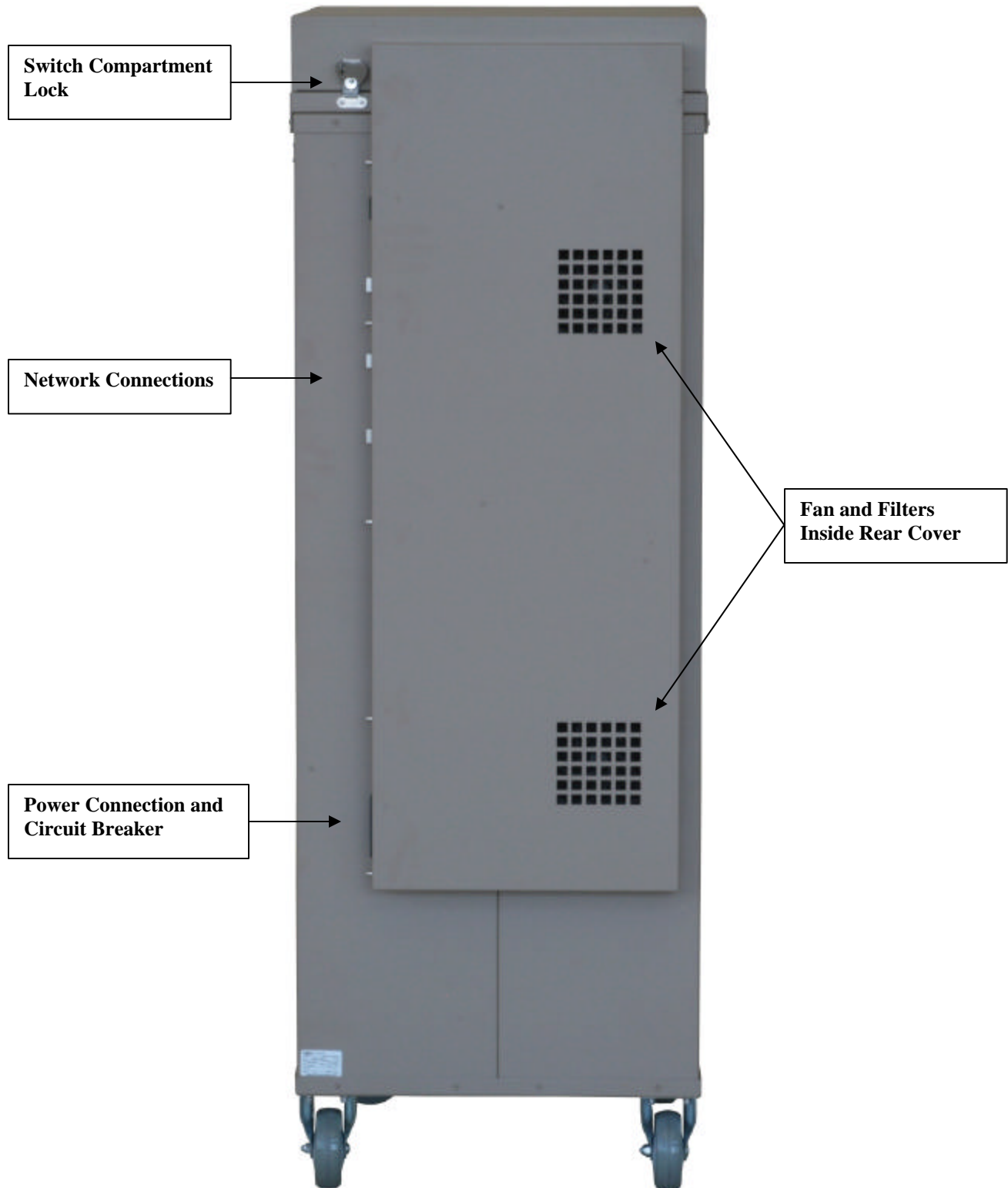
Drawer Connections

(Caution! Open Only 1 Drawer at a Time)



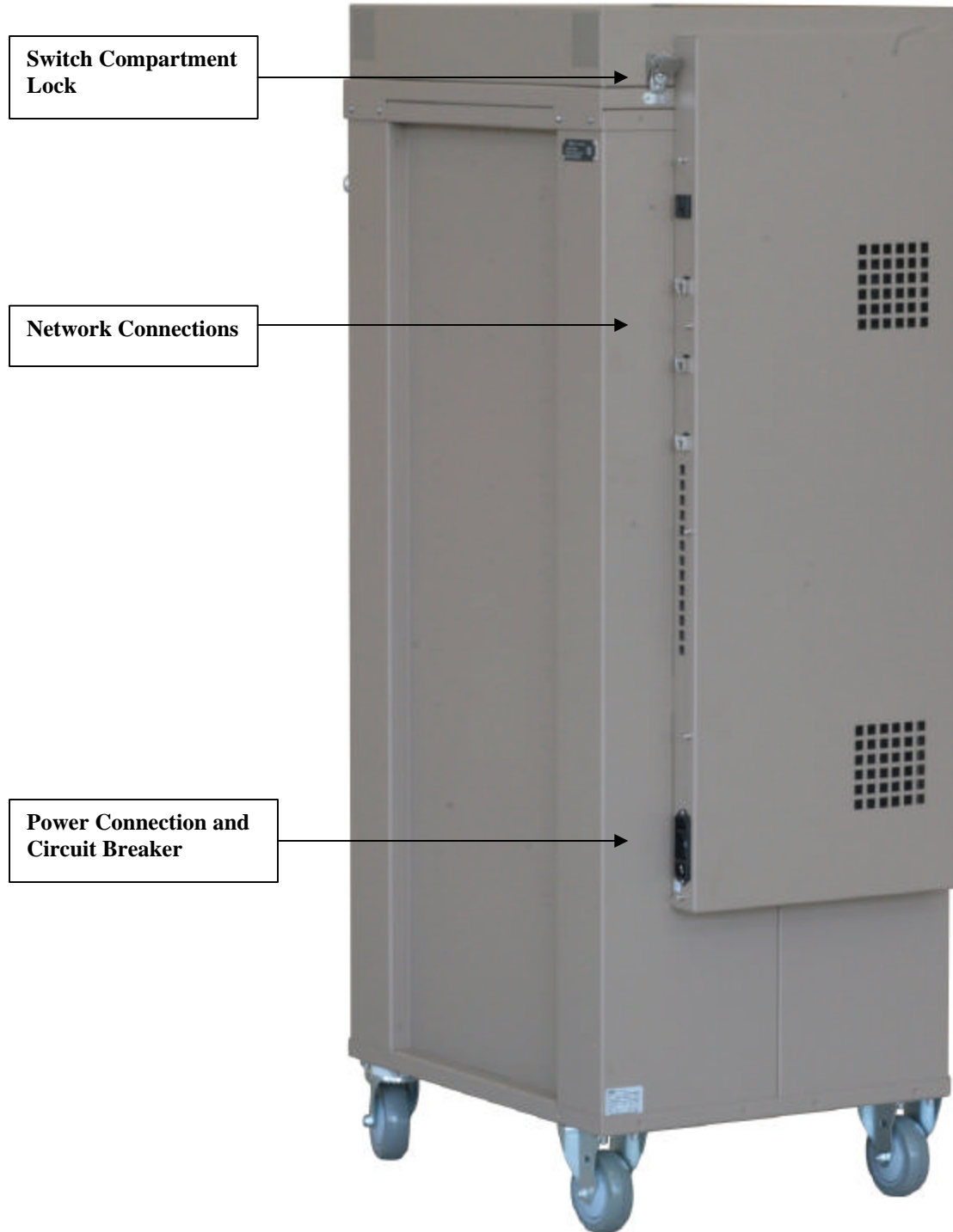
Rear View with Rear Cover Installed

(Caution! Unplug Unit Before Removing Cover)

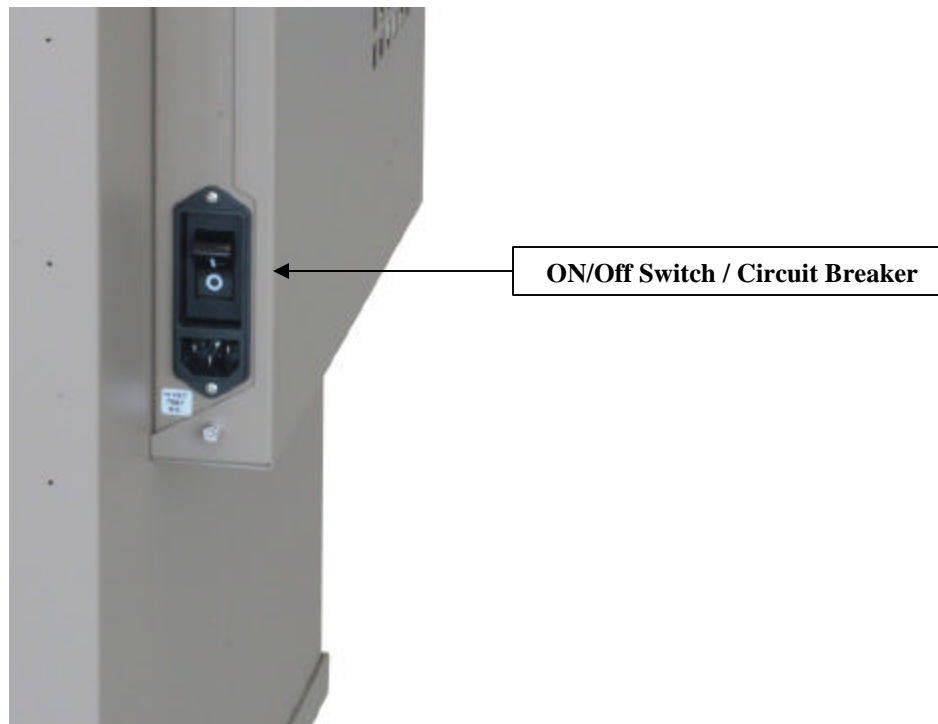
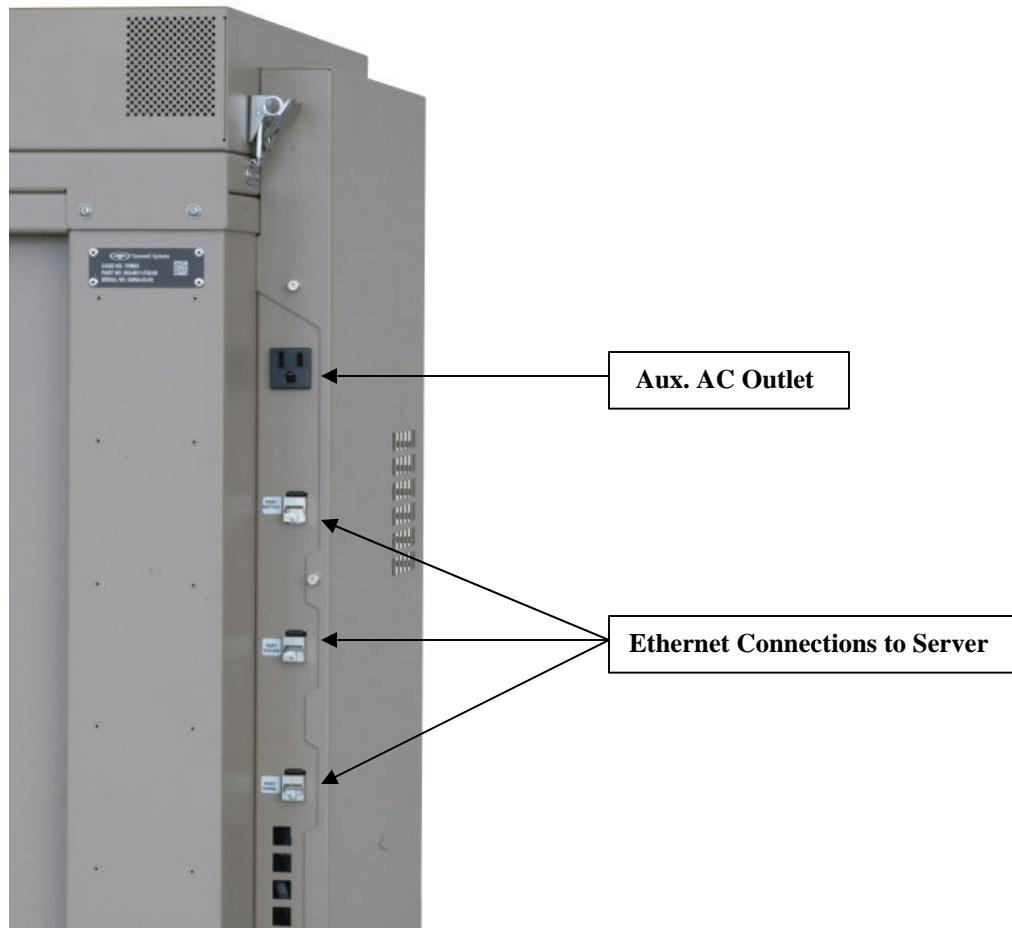


Rear View with Rear Cover Installed

(Caution! Unplug Unit Before Removing Cover)



Cabinet Rear Connections, Side View



Switch Compartment Lock



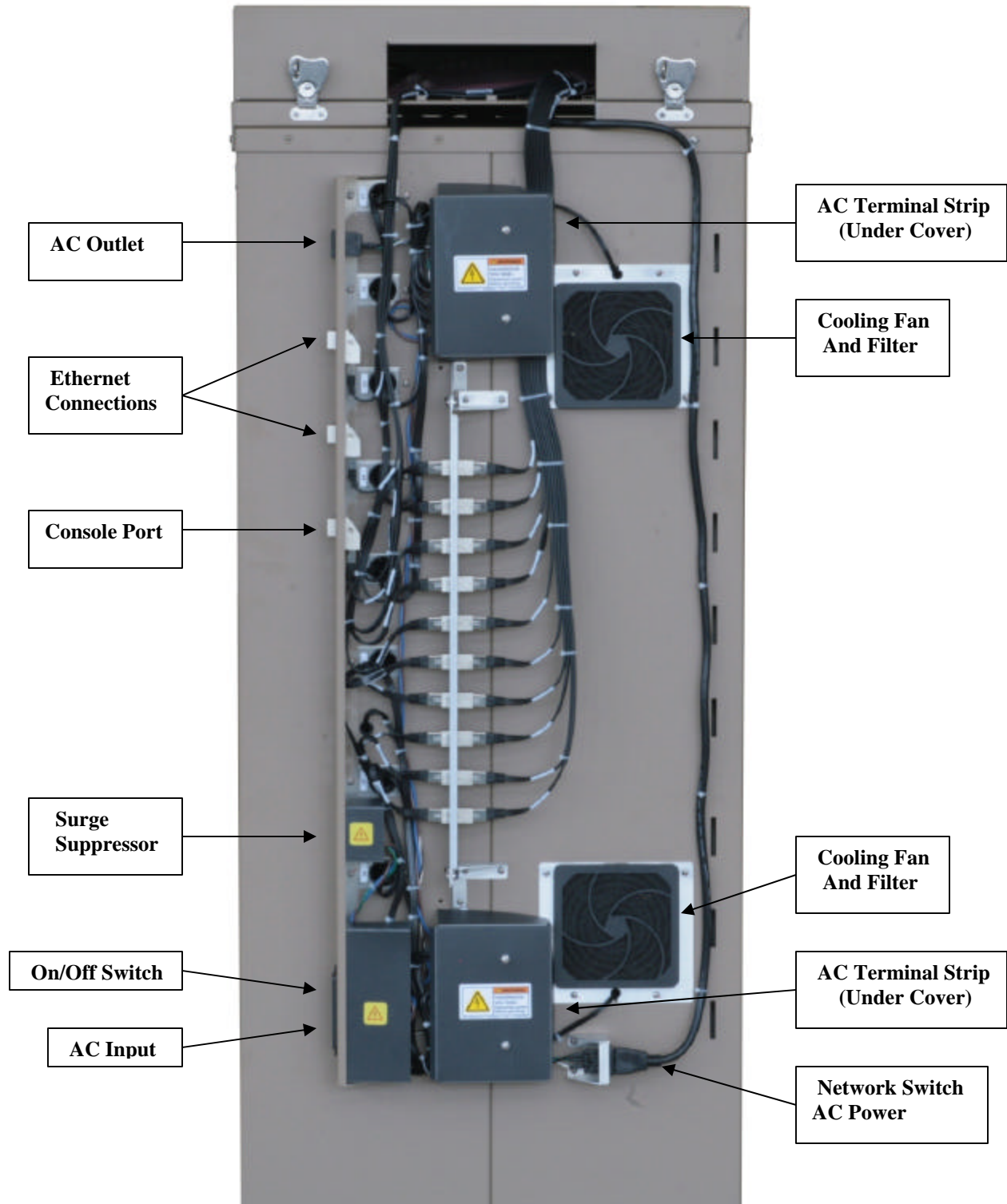
Hasp Closed



Hasp Open

Rear View with Cover Removed

(Caution! Unplug Unit Before Removing Cover – High Voltage AC Exposed)



Top View with No Network Switch Installed (F20 Version)



Preventive Maintenance

(Caution! Unplug Unit Before Removing Rear Cover)

Schedule

The cabinet is designed for years of reliable operation with minimal upkeep. To maintain sufficient cooling air flow through the drawers, the air intake filters must be kept clean. The filter material is reusable, and should be cleaned periodically.

The following are the maximum recommended intervals for typical installations. These intervals must be shortened in environments with significant airborne dust, pollen, etc.

Filter inspection: Monthly

Filter removal and cleaning: 6 Months

Procedure

Tools: Phillips screwdriver.

1. Turn off the cabinet and remove the AC power cord.
2. Open the rear cover and lift it off of the cabinet.
3. Locate the fan covers on the rear panel (page 10).
4. Unsnap the fan filter cover.
5. Remove the filter material, rinse out the trapped dirt with warm water.
6. Dry the material by pressing it between two paper towels.
7. Allow sufficient time for the filter material to dry completely.
8. Replace the filter material in the fan filter cover; replace the cover on the fan.
9. Replace the cabinet rear cover and tighten the screws.
10. Attach the AC line cord and turn on the cabinet.

Drawer Slides

The drawer slides can collect dirt over time and lose mobility. To correct this, apply a spray lubricant sparingly as needed.

Slides inspection: 6 months

Lubricant: Liquid Wrench White Lithium Grease, p/n L606, available at Lowes, Home Depot, etc.

Ethernet Switch Specification (F20 version)

Network Ports:

- 24, 10 or 100 Mbps RJ-45 ports
- 2 Fixed 10/100/1000 uplink ports

Performance (64 byte packets):

- Store-and-forward packet switching
- Forward rate 6.5 Mpps
- MAC addresses 8,000
- Queue buffer 44 MB DRAM

Weight:

- 3.6 kg (8 lb)

Dimensions:

- W 445 mm (17.5")
- D 236 mm (9.3")
- H 44 mm (1.73")

AC Power:

- 50W maximum
- Auto-sensing 100 to 240V, 50/60 Hz
- Localized plug for North America, Japan, UK, Europe, Australia

Standards Compliance:

- IEEE 802.3i 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- Compatible with all major network software

Status LEDs:

Unit:

- system, RPS, link status, link, duplex, link speed
- Per network port :10 or 100 Mbps operations, Rx/Tx and collision, link, half/full duplex

Electromagnetic Emissions:

CE mark, commercial

FCC Part 15 Class A

EN 55 022 (CISPR 22), Class A

GOST

CNS13438 Class A

MIC

Environmental Specifications:

Operating temperature:

- -5 to 45° C

Operating humidity:

- 75% max. relative humidity, non-condensing

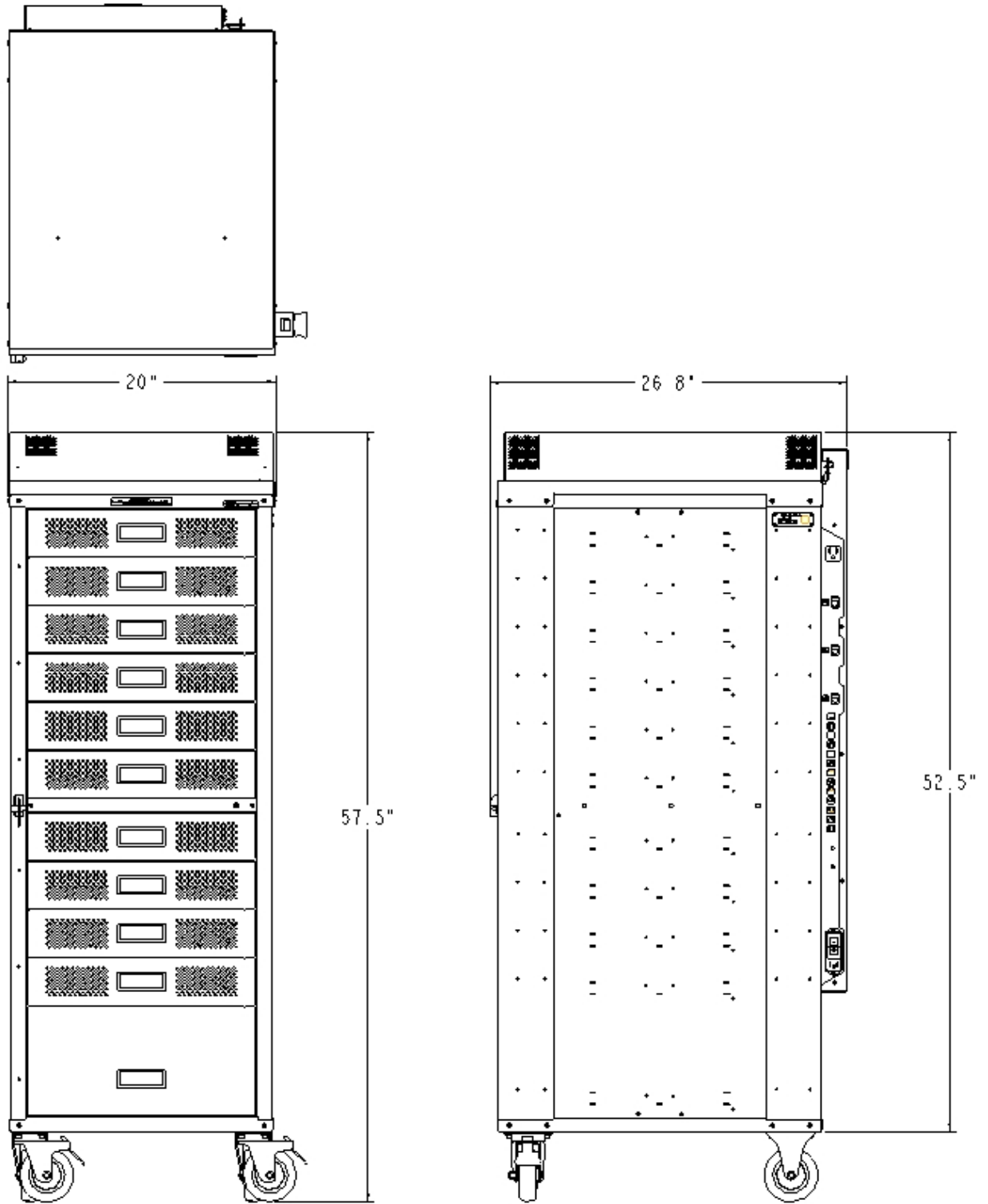
Safety Agency Approvals:

- UL listed 60950-1, First Edition
- TUV licensed EN60950-1

Parts List

Part Description	Part Number
Caster, 4", swivel, with lock	015-2063-000-0P
Caster , 4", fixed with lock	015-2064-000-0P
Line Cord, AC, black, 15 amp.	023-9023-000-0P
Switch, 24 Port, 10/100, Cisco 3560	076-0204-000-0P
Fan Assembly	110-6536-000-0C
Fan Filter Material	060-9018-000-0P

Dimensions



Limited Warranty

The EMMC is warranted for a period of 1 year from the ship date against electrical defects in workmanship and component failure, and 3 years for mechanical defects in workmanship or component failure. For a list of Field Replaceable Parts (FRP's), see page 11.

For replacement parts contact Tracewell Systems Repair Center.

Please have the serial number of the EMMC and the address of where you would like the replacement parts shipped before you call.

Replacement parts will be shipped from our plant within two working days and failed parts should be returned to Tracewell Systems Repair Center, 567 Enterprise Dr., Westerville, OH 43081 using the carton and packing material the replacement parts are shipped in.

An RMA (Return Material Authorization) number will be given to you when you call as well as a specified shipping method.

(Extended warranties are available, please contact the factory for specifics.)

Service:

For warranty and non-warranty service, contact

Tracewell Systems Repair Center at: **1-614-846-6175**

Fax us at 1-614-846-4450, or contact us via the web at www.tracewell.com .