



AIR-SHIELD

Installation & Operation

Manual

Manitowoc Foodservice Walk-In Division

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P/N 17280-1

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Table of Contents

Safety Information	2
Installation Instructions.....	3
Unit Location	3
Electrical Wiring	4
Cleaning Instructions	4
Typical Wiring Diagram 115/1/60 W/Magnetic Switch & Optional Motion Sensor	5
Typical Wiring Diagram 115/1/60 W/Push Button Switch & Optional Motion Sensor	6
Component Locations	7
Installation Location Standard	8
Installation Location Sliding Door W/Motion Sensor	9
Magnet Installation Location Standard	10
Magnet Installation W/Recessed Door	11
Kolpak Air Shield Specifications.....	12

**WARNING – TO REDUCE THE RISK OF FIRE,
ELECTRIC SHOCK, OR INJURY TO PERSONS,
OBSERVE THE FOLLOWING:**

- a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.**
- b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.**
- c) Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire rated construction.**
- d) When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.**
- e) To Reduce the Risk of Fire Or Electric Shock, Do Not Use This Fan With Any Solid-State Speed Control Device.**

INSTALLATION INSTRUCTIONS

Installation and maintenance is to be performed by qualified, experienced technicians who are familiar with local codes and regulations.

To attach Kolpak Air Shield to wall on inside of Walk-in cooler, use the 8 screws provided in packet under shield cover. Remove screws along both outside edges of cover to remove cover assembly. Stand base assembly vertically adjacent to edge of inside doorjamb and remove the tape backing; align with edge of door jamb and secure using the 8 screws provided to attach the base to the jamb using the holes provided in the base. Base should be raised off the floor approximately 1/2" to allow room for the cover to be removed for cleaning. Attach door switch magnet to door in orientation shown in instruction sheet. Use 2 screws to attach magnet to door.

Note: Holes for attaching the base to the wall located on the door edge side are accessible thru slots punched in the base.

UNIT LOCATION

Units are designed for installation on the hinge side of doorjamb inside the walk-in compartment. Place mounting base so that the edge is flush with the inside doorjamb. When mounted with the cover the edge of the door opening should be flush with the edge of the Kolpak Air Shield cover.

Note: mount in a manner to prevent any sharp edges from being exposed beyond the door opening.

ELECTRICAL WIRING

All electrical wiring and connections must conform to the National Electrical Code, local codes and regulations. Note: liquid tight flexible conduit is provided for connection to any acceptable circuit either inside or outside the walk-in compartment.

CLEANING INSTRUCTIONS:

To clean Kolpak Air Shield remove the cover assembly by removing the screws along each side of the cover assembly and around the plate at the top of the assembly. Lift the cover assembly off the unit and clean using a mild detergent. Dry and replace cover assembly.

Note: If cleaning of any permanently attached component is required take caution not to introduce water into the motor assembly. Recommended cleaning method is to use air pressure to blow any debris from motor assembly area.

Diagram 2. Typical wiring diagram 115/1/60 W/ Push Button Switch & Optional Motion Sensor

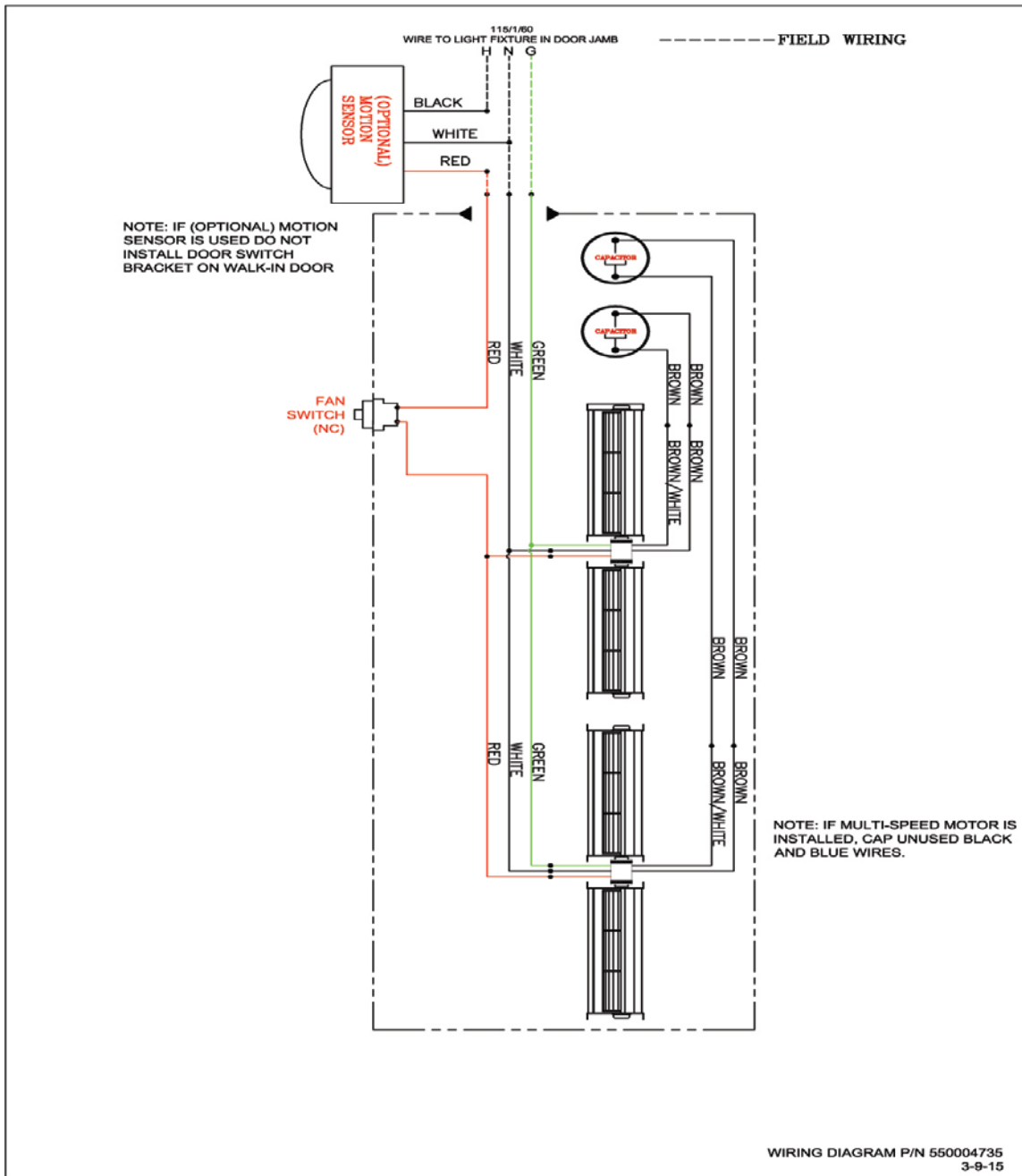


Diagram 3. Component Locations

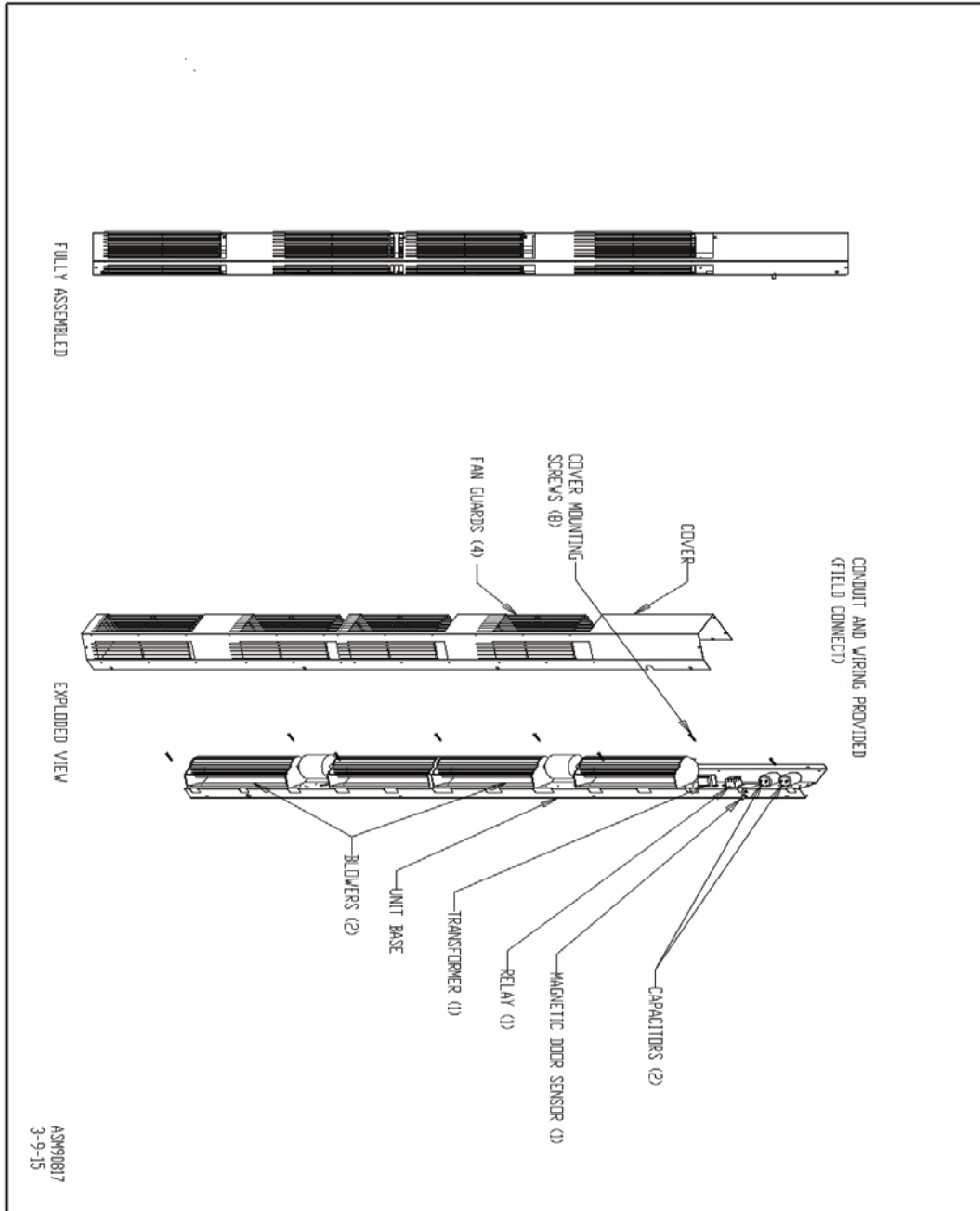


Diagram 4. Installation Location Standard

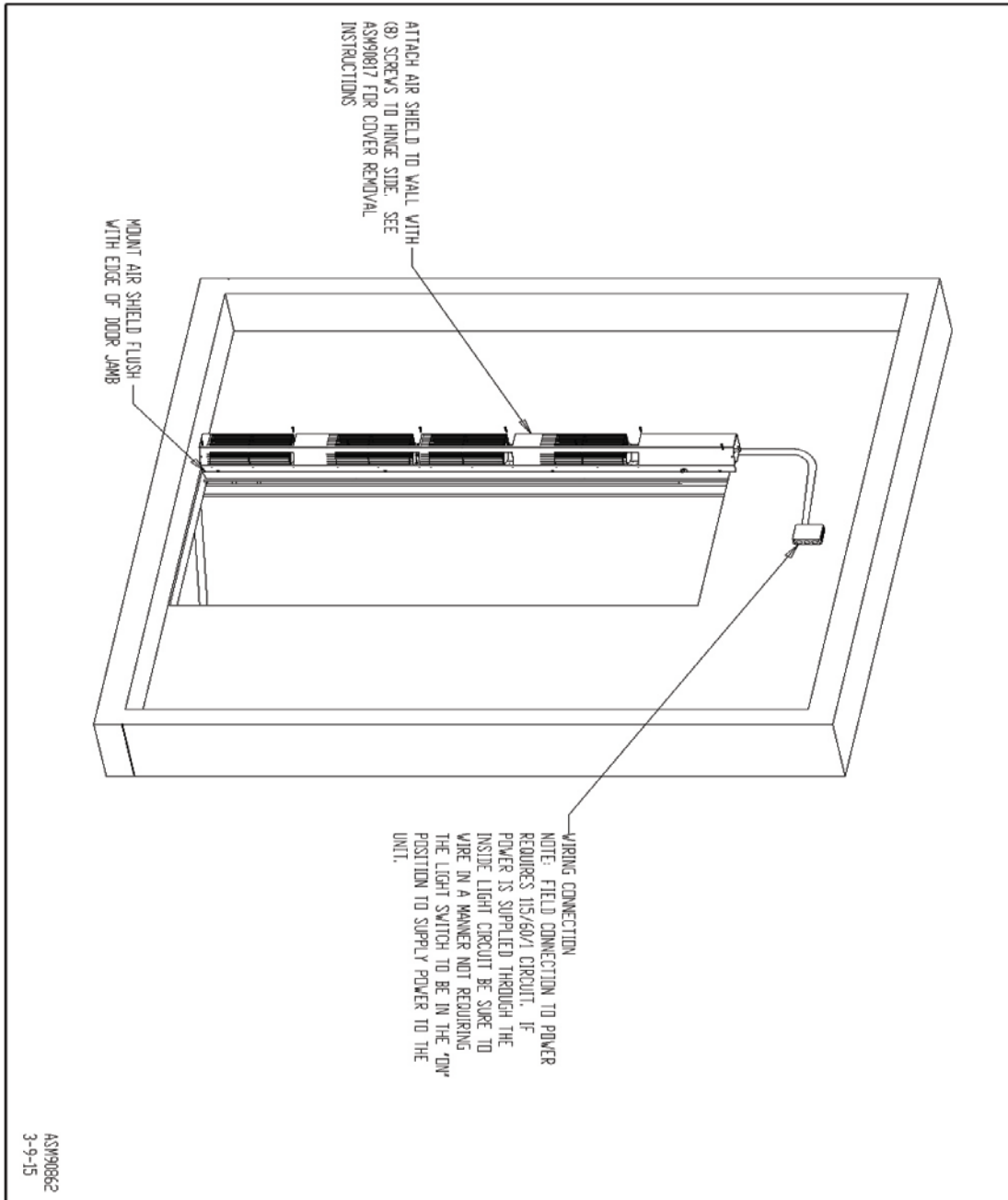


Diagram 5. Installation Location Sliding Door W/ Motion Sensor

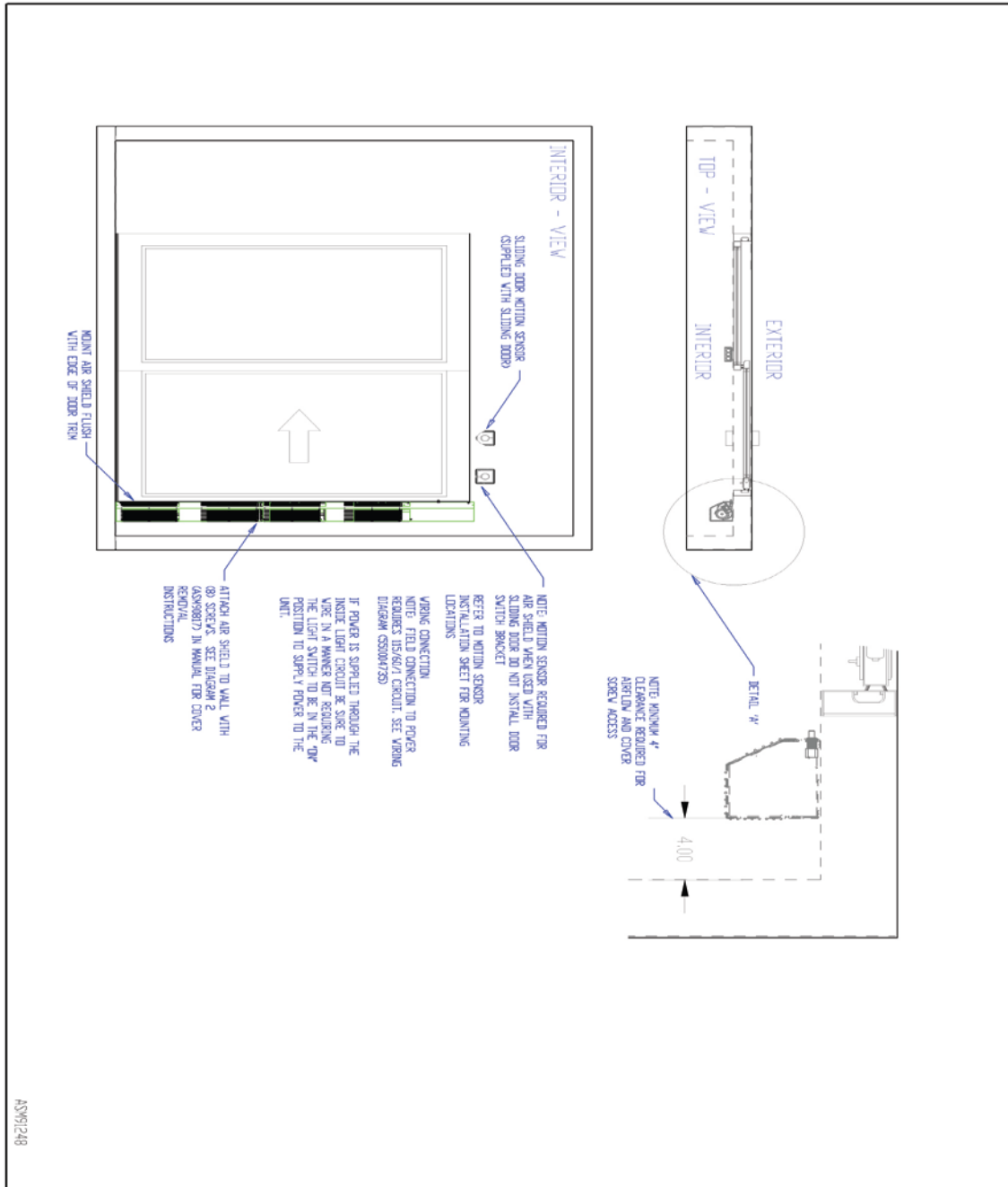


Diagram 6. Magnet Installation Location Standard

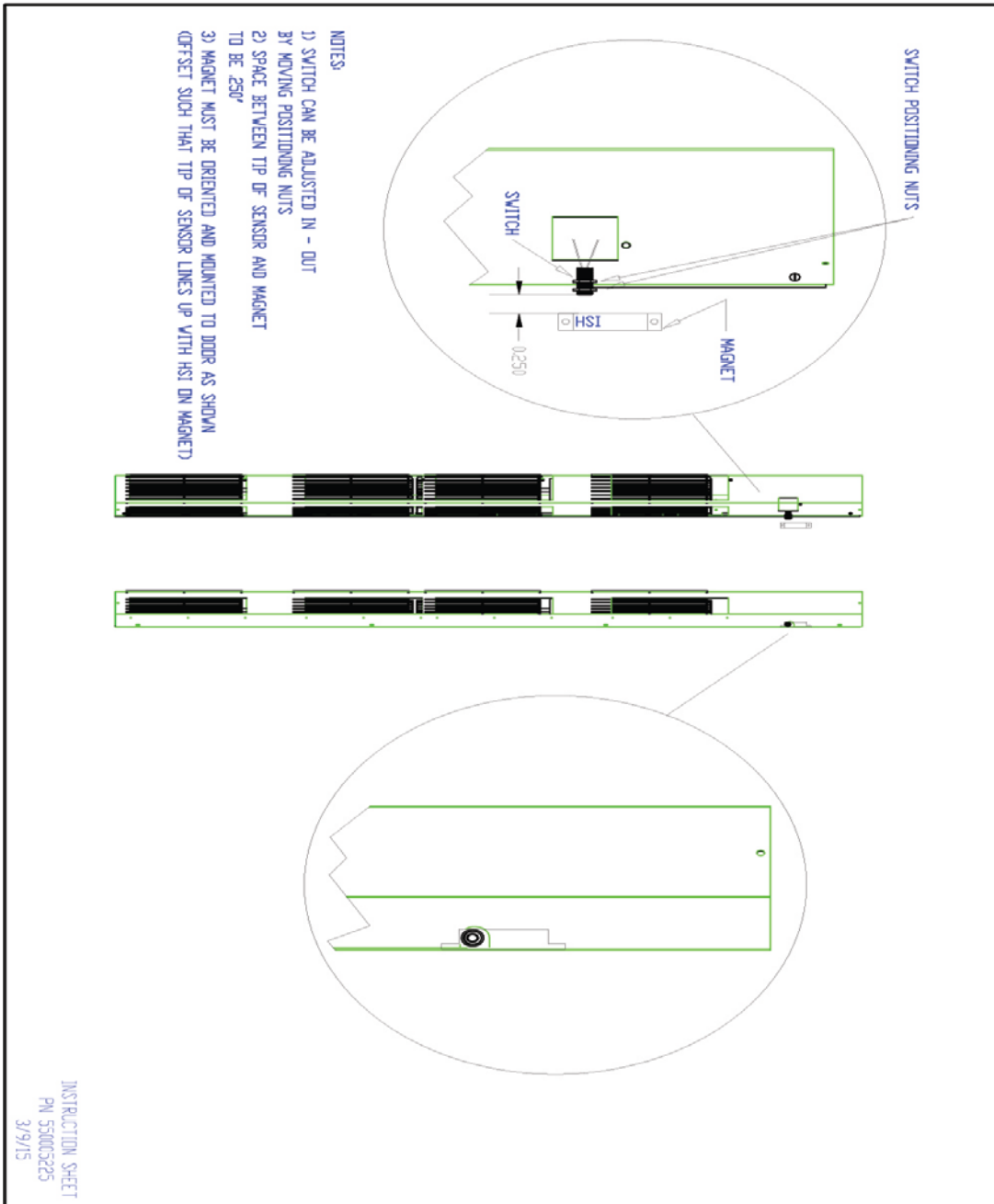
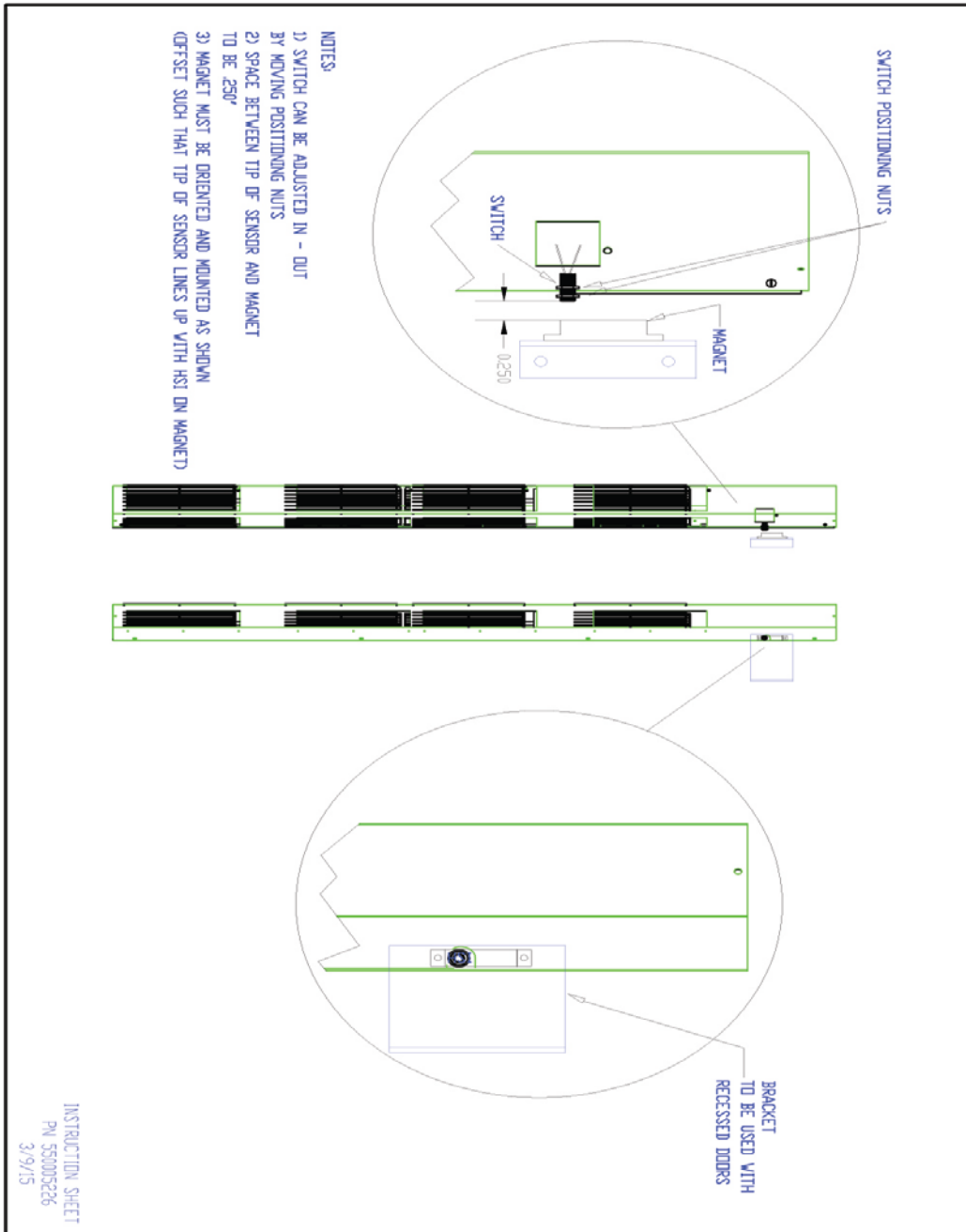


Diagram 7. Magnet Installation Location W/ Recessed Door





Kolpak Air Shield Specifications

Models	CFM	Fan		Motor Data				Approx. Net Wt. Lbs.
		No.	Dia.	No.	HP	FLA Each	Total FLA	
HAL-C2-N1	1550	4	65mm	2	1/25	0.7	1.4	38.5
HAR-C2-N1	1550	4	65mm	2	1/25	0.7	1.4	38.5

Note: Model designation may employ additional suffixes



Notes



Notes