

# HANDS OFF® CAST COVER SERIES

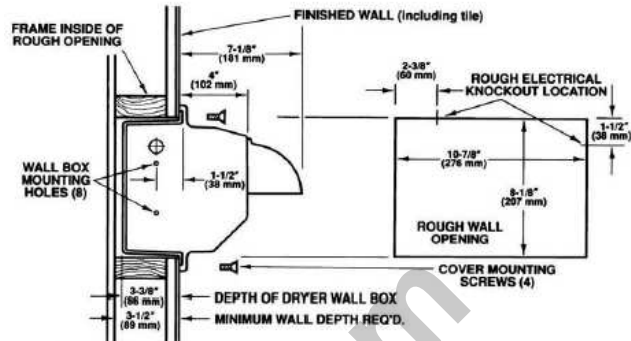
## R76-IW AUTOMATIC SENSOR ACTIVATED HAND DRYER



Part ID	Description	Finish	Time Cycle
R76-IW	Hands Off, Semi-Recessed, Cast Cover	White Epoxy Paint	Automatic



PART# R76-IW



### SUGGESTED MOUNTING HEIGHTS

From floor to bottom of dryer:

	RECESSED
Men	40" (102 cm)
Women	38" (97 cm)
Teenagers	36" (91 cm)
Small Children	30" (76 cm)
Handicapped	32" (81 cm)

### RECESSED MOUNTED SPECIFICATIONS

Width: 12 1/2" (318 mm)	Height: 9 3/4" (248 mm)
Depth: 4" (102 mm)	Weight: 18 lbs. (8.1 kgs.)

### ELECTRICAL

Units are available as specified in:

110-120V	15A or 20A	60 Hz
208-230V	10A	60 Hz
277V	8A	60 Hz



### CONSTRUCTION

- Dryer Cover for R76-IW Model shall have a one piece, heavy-duty, rib-reinforced die-cast zinc alloy. It shall be lightweight, unbreakable, rustproof and all exposed surfaces shall be finished with chip-proof, electrostatically applied white epoxy, fitted with a fixed, die-cast, chrome plated, zinc alloy nozzle.
- R76-IW recessed cover shall be fastened by four flat-head, recessed, tamper-proof bolts to wall box. Wall plate shall be fastened to the wall box by four concealed 1/4" (6mm) mounting bolts, and shall be equipped with two knockouts for ease of wiring.
- R76-IW Model shall be equipped with an air inlet opening on the bottom of the casting and covered with a vandal resistant metal protective grill to prevent the entry of foreign objects. A fixed chrome plated, die-cast zinc air outlet nozzle on the front of the cover shall permit a full flow of warm air when in operation, and shall be protected by a cast alloy grating fixed into the blower housing.
- All internal parts shall be coated according to Underwriters' Laboratories, Inc. requirements.
- Entire mechanism shall be internally grounded.

### MECHANISM

- Motor shall be capacitor-initiated, brushless type (for longer life and quiet operation) 1/10 hp, 3450 rpm with self-lubricated bearings. It shall be insulated by a resilient mounting, and shall be protected by a self-resetting thermal protector.
- Fan shall be a large, single inlet centrifugal type for maximum capacity, and shall deliver 180 cfm (150 cfm for Recessed Model) Fan shall be mounted directly on the motor shaft, and fan and motor unit shall be insulated from dryer with a resilient rubber mounting to obtain maximum dampening effect.
- The heating element is constructed of Nichrome wire and side mounted on the blower housing, thereby being vandal proof. It shall be protected by an automatic resetting thermostat, which shall open whenever air flow is cut off and shall close when flow of air is resumed. It shall produce an air temperature of 145°F/63°C at a 72°F/22°C ambient room temperature at the outlet.
- The control assembly is activated by an infrared optical sensor located next to the air outlet. The dryer shall operate as long as hands are moving under the air outlet. There is a 60 second lockout feature, if hands are not removed.

### LIMITED WARRANTY

The dryer shall be guaranteed to be free from defects for a period of ten years, except for five years on the control assembly and sensor. Warranty shall include labor performed at factory as well as the repair or exchange of defective parts, at manufacturer's option.



# TIME TO THROW IN THE TOWEL®

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