

LEXAN SERIES



AUTOMATIC AND PUSH BUTTON HAND DRYERS

Excel Dryer's reputation of providing products with superior performance combines with the economic benefit of this dryer series for maximum value. Lexan series surface mounted hand dryers are constructed with a one piece molded Lexan cover. They are available in push button or fully automatic models. Features and benefits include:

- ✓ Economical – The cost of energy to operate a dryer is less than 10% of the cost of paper towels. In addition, the following costs are eliminated: ordering, storing, replenishing dispensers, collecting, and disposing of paper towels
- ✓ Maintenance-free brushless motor, capacitor initiated for quick starts
- ✓ Durable Construction – These surface mounted dryers are constructed with a one-piece molded Lexan cover
- ✓ Style Options – Select from either the traditional push button activated or the automatic sensor activated models
- ✓ Vandal Proof – Features include tamper-proof bolts and a side mounted heating element inaccessible through the air outlet

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Part ID	Description	Finish	Time Cycle	List Price
HO-BL	Hands On, Surface-Mounted, LEXAN Cover	White	30 seconds	\$350
HO-IL	Hands Off, Surface-Mounted, LEXAN Cover	White	Automatic	\$400



PART #HO-BL



PART #HO-IL

SURFACE MOUNTED SPECIFICATIONS

Width: 12" (305 mm)	Height: 9 3/4" (248 mm)
Depth: 8" (203 mm)	Weight: 13 lbs. (5.9 kgs.)

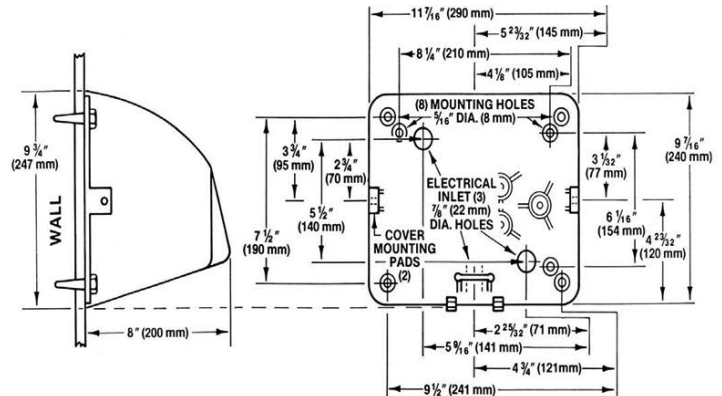
SUGGESTED MOUNTING HEIGHTS

From floor to bottom of dryer:

Men	43" (109 cm)
Women	41" (104 cm)
Teenagers	39" (99 cm)
Small Children	33" (84 cm)
Handicapped	35" (89 cm)

CONSTRUCTION

- Cover shall be a one-piece molded Lexan® 940, with the color uniformly throughout and fastened by two chrome-plated tamper-proof bolts to a cast zinc alloy wall plate.
- Wall plate shall be equipped with (3) 7/8" (22 mm) diameter holes, one of which shall be suitable for use with surface conduit, for ease of wiring.
- Dryers shall have a chrome-plated, die-cast zinc blower vent/grill (air outlet) which shall be fixed to the blower housing and shall be of a design that will not allow foreign objects to enter the dryer.
- All internal parts shall be coated according to the Underwriters Laboratories, Inc.
- Entire mechanism shall be Internally grounded.
- HO-BL Model: Includes a chrome-plated push button assembly mounted onto front of cover.



ELECTRICAL

Units are available as specified in:

110-120V	15A or 20A	60 Hz
208-230V	10A	60 Hz
277V	8A	60 Hz
220-240V	10A	50 Hz



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. For 50 Hz applications, motor shall be a universal 1/10 hp, 4200 rpm at rated load, with sealed lubricated ball bearings. Motor shall be insulated by a resilient mounting and is thermally protected.
- Fan shall be a large, single inlet centrifugal type for maximum capacity and shall deliver a minimum of 180 cfm. 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 sound and vibration dampening effect.
- The heating element of Nichrome wire shall be side mounted on the intake, thereby being vandal proof. It shall be protected by an automatic resetting circuit breaker (25 Amp), 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 approximately 145°F (63°C) at 72°F (22°C) ambient room temperature at the outlet.
- HO-IL Model: A control assembly is activated by an infrared optical sensor located next to the air outlet. The dryer shall operate as long as hands are under air outlet with a lockout of approximately 60 seconds if hands are not removed. HO-BL Model: A sealed electronic timer will operate the hand dryer for 30 seconds after push button actuation.

LIMITED WARRANTY

The dryer shall be guaranteed to be free of defects for a period of five (5) years. Warranty shall include labor performed at factory, as well as the repair or exchange of parts at manufacturer's option.



TIME TO THROW IN THE TOWEL®

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