

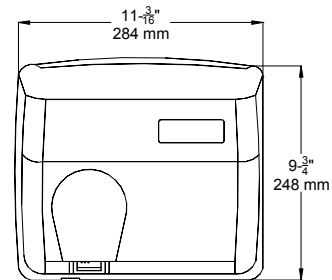
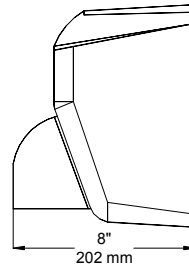


# Commercial Series

HD-415-210 (110 Volts)  
HD-425-210 (220 Volts)  
White - Porcelain Enameled Steel

## Technical Data Sheet

### Automatic Touch Free Sensor Hand Dryer Surface Mounted




**SPECIFICATIONS:** Surface Mounted Automatic (touch free) Operation Hand Dryer. Cover is fabricated of one piece steel 1/16" (2.0 mm) thick. White-Porcelain Enameled Finish. 2 vandal-proof lock screws and key wrench. Unit has 2000 Watts for 110/120 Volts, 16.7-18.2 Amps and 2400 Watts for 220/240 Volts, 10-10.9 Amps. Air Speed is 202 CFM. 20-25 seconds drying time. Sound level is  $70 \pm 3$  dB. Drip proof: IPX1. Weight is 15.4 lbs. (7.0 kgs). Fixed Air nozzle is made of chrome-plated zinc, rust proof and tamper resistant. Brush motor is 1/4 HP 200 watts with 5500 R.P.M. The heater assembly is designed with  $149^\circ \text{F}$  ( $65^\circ \text{C}$ ) thermostat.

Dryer is  approved.

**OVERALL SIZE:** 11 3/16" W x 9 3/4" H x 8" D  
(284 mm W x 248 mm H x 202 mm D)

**OPERATION:** Shake excess water from hands. Place hands under the outlet to start operation. Dryer is activated within 0.6 seconds when hands are placed 4-6 inches below spout. Rub hands lightly and rapidly. Dryer automatically powers off as soon as hands are removed. (For safety, the power will be cut off automatically in case of irregular use over 120 seconds.)

**INSTALLATION:**  **WARNING:** Disconnect power before installation or servicing. This product is intended for installation by a qualified service person. Use AWG NO.12 solid conductor for wiring. All units must be supplied with a 3-wire service. The ground wire must be connected to the dryer's back-plate. Failure to properly ground could result in severe electrical shock and/or death.

Fix the position card on the wall. Suitable height for hole "D" is 50" from ground. Drill 4 holes (A,B,C,D 5/16" (8 mm) diameter and 1 3/8" (35 mm) depth.) Take off the mounting instruction sheet. Hammer dowels into the 4 holes. Remove the housing from the base plate; fix the base plate firmly onto the wall. Connect the live wire (colored red or brown) to the terminal block marked "L". Connect the neutral wire (colored black or blue) to the terminal block marked "N". Connect the ground wire (colored green and yellow) to the green screw. Attach housing back to base plate.

The manufacturer reserves the right, without formal notification, to implement changes to the design and dimensions.  
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PO Box 181, Columbia, SC 29202  
Phone: 1-866-820-3579 Fax: 1-866-317-2786  
Web Site: <http://www.natpart.com>