

EHD-S

► Specifications

Electronic Sensor Operated Hand Dryer for surface mounting, equipped with Self-adaptive Fiber Optic Sensor and automatic 60 second Cut-off Switch, one piece rugged die cast metal housing with applied scratch resistant finish, air delivery of approximately 100 SCFM at an average outlet temperature of 125° F (maximum).

► Electrical Specifications

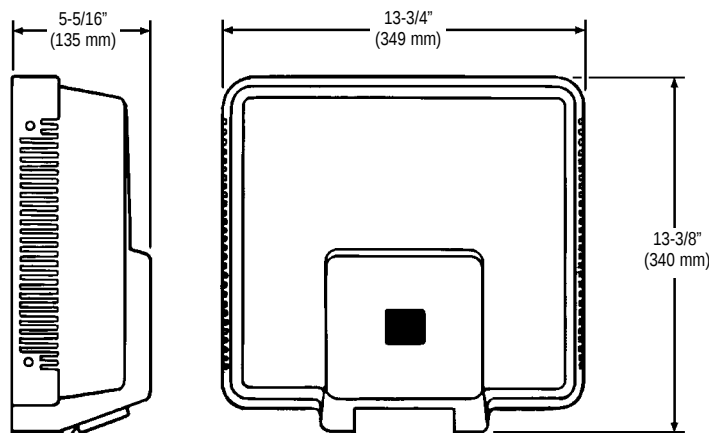
- ☐ Model EHD-S 120: 120 VAC, 20 Amps, 50/60 Hz, 2400 watts
- ☐ Model EHD-S 208: 208 VAC, 9 Amps, 50/60 Hz, 1870 watts
- ☐ Model EHD-S 240: 240 VAC, 10 Amps, 50/60 Hz, 2400 watts

► Colors

- ☐ White
- ☐ Almond
- ☐ Gray

► Operation

- When the Fiber Optic Sensor detects hands beneath the exhaust port, it activates the Hand Dryer. A powerful flow of warm air dries hands within thirty (30) seconds.
- After hands are withdrawn from the Sensor's detection zone, or after a maximum of sixty (60) seconds of continuous operation, the Hand Dryer automatically stops. It is then ready for the next user.



► ADA Compliant

► Automatic

The Sloan OPTIMA[®] EHD-S Sensor Operated Electronic Hand Dryer operates by means of an adaptive Fiber Optic Sensory Device. Once the user enters the sensor's effective range, the Hand dryer will activate until the user leaves or after sixty (60) seconds of continuous operation.

► Hygienic

Offers the ultimate in sanitary protection — there are no handles to turn or buttons to push. Helps control the spread of infectious diseases.

► Economical

Automatic operation provides energy savings. Reduces maintenance and operating costs. Self-adaptive range adjustment makes installation quick and easy.

► Warranty

5 year (limited)

► Made in the U.S.A.



This space for Architect/Engineer approval

Job Name _____ Date _____

Model Specified _____ Quantity _____

Variations Specified _____

Customer/Wholesaler _____

Contractor _____

Architect _____

The information contained in this document is subject to change without notice.

SLOAN[®]

Made in the U.S.A.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVE. • FRANKLIN PARK, IL. 60131
Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380
<http://www.sloanvalve.com>

Optima EHD-S S.S. — Rev. 1 (01/02)
Copyright © 2002 SLOAN VALVE COMPANY

Printed in the U.S.A.

EHD-S

Description

Electrical Requirements

Model	Voltage	Amps	Hz	Watts
EHD 120	120 VAC	20	50/60	2400
EHD 208/240 †	208 VAC	9	50/60	1870
EHD 208/240 †	240 VAC	10	50/60	2400

† Type EHD 208/240 can operate on either 208 VAC or 240 VAC per the requirements listed.

Install electrical line in the location shown in the Wiring Diagram below.

Note:

Use No. 14 gauge or larger wire to connect dryer to a separate 20-amp branch circuit from the nearest electrical distribution panel. DO NOT attach any other electrical devices to this branch circuit.

Important:

ALL ELECTRICAL WIRING SHOULD BE INSTALLED IN ACCORDANCE WITH NATIONAL/LOCAL CODES AND REGULATIONS.

Recommended Mounting Heights

User	Height
Men	50 Inches (1270 mm)
Women	48 Inches (1219 mm)
Children	44 Inches (1118 mm)
Handicapped	42 Inches (1067 mm)

Prepare wall to receive mounting fasteners as shown in the rough-in diagram. Refer to Installation Instructions for recommended fasteners.

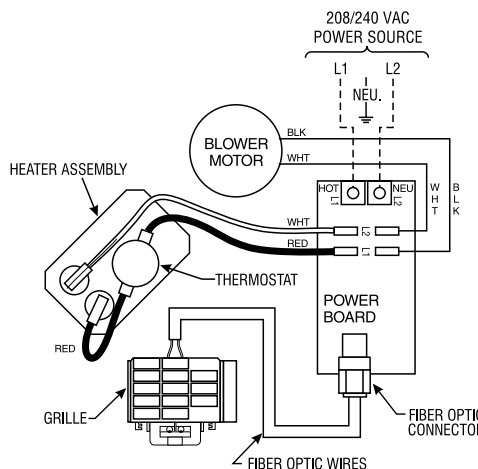
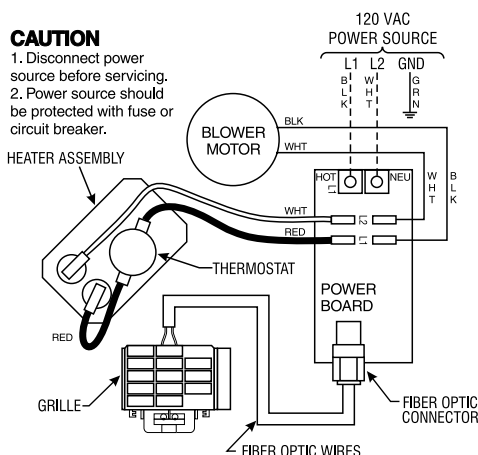
Note:

A mounting template is provided to locate fastener positions.

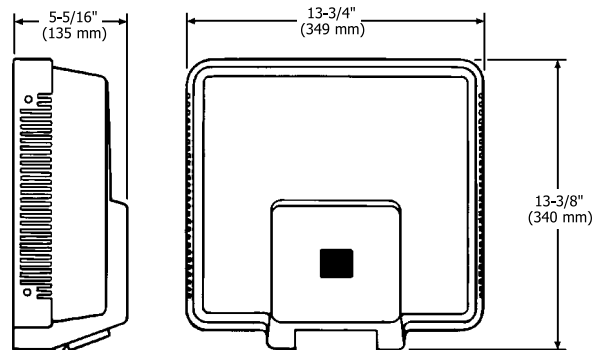
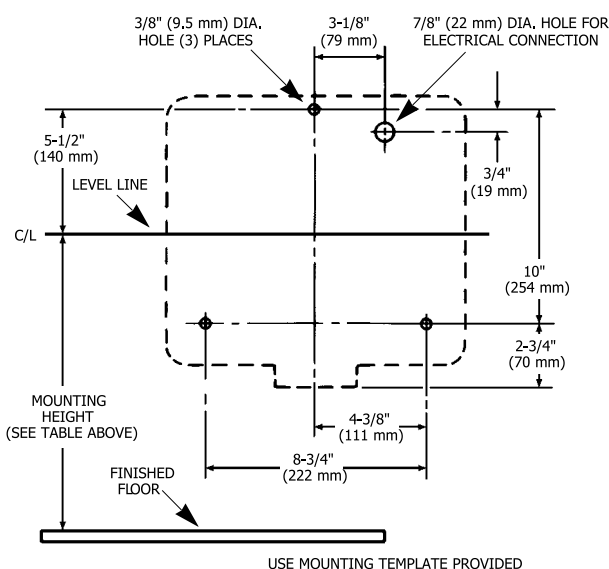
Installation Precautions

- Mounting surface should be smooth and flat.
- Mount dryer at least 24 inches (610 mm) away from basins and at least 20 inches (508 mm) away from corners.
- Mount multiple hand dryers a minimum separation distance of 20 inches (508 mm) (measured center to center).
- Avoid installing hand dryers in narrow hallways and behind swinging doors.

WIRING DIAGRAM



ROUGH-IN



SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloanvalve.com>