

Approved by Carlos Ruef, JDR
6/13/2024

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3.4. SUBSTITUTION REQUEST FORM

For Pre-bid Substitution Requests all text boxes on this form are required information for a complete request.

		<h1>Substitution Request</h1>	
Today's Date:	<input type="text" value="6/13/24"/>		
Project Title:	<input type="text" value="Warner Park Community & Recreation Center Expansion"/>		
Project Number:	<input type="text"/>	Contract Number:	<input type="text" value="9502"/>
<p>By completing and submitting this form for review the General Contractor affirms that all of the following statements are correct:</p> <ol style="list-style-type: none">The General Contractor affirms that this request is in compliance with the requirements described in <i>Specification 01 25 13 Product Substitution Procedures</i>.The function, appearance, and quality of the proposed substitution are equal or superior to the specified item.The proposed substitution does not affect dimensions shown on the drawings.The proposed substitution will have no adverse affects on other trades, the construction schedule, or any specified warranty requirements.Maintenance and service parts will be locally available for the proposed substitution. (GC shall provide supporting documentation in the attachments section below.)The General Contractor shall be responsible for any and all costs associated with this substitution request if approved. This includes but is not limited to fees for building design, engineering design fees, detailing fees, plan review fees, construction costs, and inspection fees.			
GC Substitution Request:			
General Title:	<input type="text" value="Plumbing Fixtures Schedule P801"/>		
Related Specification:	<input type="text" value="22"/>	<input type="text" value="40"/>	<input type="text" value="00"/>
Reason for Substitution:	<input type="text" value="To be considered an equal and allow product to be used in project."/>		
Proposed Substitution: <small>(include Name, Model, etc.)</small>	<input type="text" value="D 13 Sink System featuring the new XLERATORsync® Hand Dryer"/>		
Submitted By:	<input type="text" value="Melissa Aguiar"/>	Phone:	<input type="text" value="786-374-1554"/>
Company:	<input type="text" value="Excel Dryer, Inc"/>	Email:	<input type="text" value="MAguiar@Exceldryer.com"/>

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END OF SECTION

SINK. TO A NEW LEVEL.

D|13 Integrated Sink System Vs. Sloan

The D|13 Sink System is the most advanced integrated sink system on the market. A masterpiece of form and function, providing the most hygienic, sustainable and cost-effective way to wash and dry hands. D|13 is more than a supplier. We are a design-assist partner working directly with architects, designers and clients. We fabricate our sink system to your specifications offering unparalleled customization providing the ultimate product solution. We provide a high-end custom product at a competitive price.



USER EXPERIENCE: THE ULTIMATE DIFFERENTIATOR

FEATURES		
HAND DRYER	<p>XLERATORsync® Hand Dryer, designed in collaboration with Excel Dryer and a world-renowned design firm.</p> <p>Unique "reverse airflow" design blows air/water flow away from the user, promoting hygiene and enhancing user experience.</p>	<p>AER-DEC® Integrated Sink System.</p> <p>Generic dryer fixture with same design ID as faucet and soap dispensers.</p>
	HEPA Filter with washable pre-filter.	HEPA Filter with washable pre-filter.
	Sound suppression air delivery system (patent pending).	Sound suppression air delivery system.
	Adjustable sound, speed and heat.	Adjustable sound, speed and heat.
	LED illumination of drying area enhances visual experience identifying the optimal location for hand drying.	<p>LED will display word "Dry" on users hands.</p> <p>Option to have sink basin lit in blue, green, purple or orange</p>
SINK BASIN	<p>Choice of undermount or trough-style sink with infinity drain. Specifically engineered and designed to work with the XLERATORsync dryer, keeping airflow away from the user and water where it belongs.</p>	Trough-style or individual station sink with air dam.
	Engineered without air dams or additional holes eliminating the resistance for tampering.	Cloggable opening for air dam. Potential for water to drip through to the floor, creating a safety hazard.
INTUITIVENESS	<p>Intuitive: Left to right functionality.</p> <p>Unique XLERATORsync dryer nozzle design.</p>	<p>Intuitive: left to right functionality.</p> <p>Shape is similar to soap and faucet, creating confusion.</p>

SINK. TO A NEW LEVEL.

FEATURES	D 13	SLOAN
SINK DECK	Standard and custom lengths and configurations. Materials include solid surface, granite, quartz and other stone material.	Standard and custom sizes. Solid surface materials, including Corian and quartz.
ENCLOSURE PANEL	Choice of sliding door panels with ball bearings or hanging panels with z-clips. Secure locking mechanism optional. Available in solid surface, stainless steel, laminated MDF or phenolic.	Stainless steel access panel on piano hinge. Does not open fully, making it difficult to access.
FAUCET	Compatible with many faucet models from several manufacturers. Choice of size, finish, flow rate and shape to complement your design.	Sloan BASYS® faucets only.
SOAP DISPENSER	Flexible soap dispenser models and soap configurations available.	Sloan soap only.
WARRANTY	5-year warranty on XLERATORsync dryer. 3-year warranty on sink, countertop, enclosure panels and frame. Factory warranty on faucets and soap fixtures.	3-year warranty for the AER-DEC Integrated Sink. 5-year warranty for AER-DEC Hand Dryer. 10-year limited solid surface, quartz and other engineered and natural stone; 1-year limited warranty for laminates.
INSTALLATION	Factory templates and custom 3D laser templating available to reduce installation time and ensure accurate fit. Factory installation available in most areas.	Installation guide available.
PURCHASING	Purchased and shipped directly from D 13 Group.	Sold through wholesale distribution and manufacturer reps adding layers of margin/overhead.

**WARNER PARK
COMMUNITY RECREATION
CENTER EXPANSION**

1625 NORTHPORT DRIVE
MADISON, WI 53704
CITY OF MADISON PARKS DIVISION
330 EAST LAKESIDE STREET
MADISON, WI 53715

PROJECT NUMBER 223471.00

ISSUED FOR:

BID SET 5/16/2024

REVISION FOR:

NO. DESCRIPTION DATE

DRAWN BY CRR

CHECKED BY JDR

SCHEDULES - PLUMBING

PLUMBING FIXTURES SCHEDULE										
ID	FIXTURE	WASTE			WATER				DETAIL / SHEET	DESCRIPTION / REMARKS
		DFU	TRAP	VENT (MIN)	COLD CWFU	SIZE	HWFU	SIZE		
EW-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER (ADA COMPLIANT)	1	1 1/2"	1 1/2"	0.25	1/2"	---	---	---	FIXTURE: ELKAY LVRCGRN8WSK WALL HUNG, VANDAL RESISTANT ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION AND FILTER, LIGHT GRAY GRANITE FINISH, SELF-CLOSING PUSH BUTTON VALVE CONTROLS, SELF-CONTAINED CHILLER UNDER FIXTURE, ADA COMPLIANT. FIXTURE TO BE MOUNTED AT STANDARD HEIGHT. TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP. STOPS & SUPPLIES: MCGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES. SUPPORT: MANUFACTURER'S RECOMMENDED WALL BRACKET AND COMPONENTS.
EW-2	ELECTRIC WATER COOLER WITH BOTTLE FILLER (HI-LO)	1	1 1/2"	1 1/2"	0.25	1/2"	---	---	---	FIXTURE: ELKAY LVRCGRN8WSK WALL HUNG VANDAL RESISTANT HI-LO ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION AND FILTER, LIGHT GRAY GRANITE FINISH, SELF-CLOSING PUSH BUTTON VALVE CONTROLS, SELF-CONTAINED CHILLER UNDER FIXTURE, ADA COMPLIANT. FIXTURE TO BE MOUNTED AT ADA HEIGHT. TRAP & DRAIN: CHROME PLATED 17 GAUGE CAST BRASS TRAP. STOPS & SUPPLIES: MCGUIRE LFBV2165CC, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES. SUPPORT: MANUFACTURER'S RECOMMENDED WALL BRACKET AND COMPONENTS.
HB-1	HOSE BIBB	---	---	---	3	1/2"	---	---	---	FIXTURE: WOODFORD MODEL 24 ANTI-SIPHON HOSE BIBB, EXPOSED COLD WATER, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION.
L-1	LAVATORY (DOUBLE STATION)	1	1 1/4"	1 1/2"	0.5	1/2"	0.5	1/2"	---	FIXTURE: SLOAN AD-82000 CLARK STREET WALL MOUNTED TWIN STATION LAVATORY SINK, COORDINATE COLOR WITH ARCHITECT, ADA COMPLIANT. PROVIDE SUPPORT AS REQUIRED BY MANUFACTURER. FAUCET: (2) SLOAN OPTIMA ETF-410 HARDWIRED ELECTRONIC FAUCET, 0.35 GPM AERATOR, SINGLE HOLE MOUNTING, CHROME FINISH, SENSOR OPERATED, BOX TRANSFORMER POWER SUPPLY. INCLUDE STATE APPROVED BELOW DECK MIXING VALVE. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF FAUCETS. ACCESSORIES: (2) SLOAN ESD-410-CP HARDWIRED FOAM SOAP DISPENSER, CHROME FINISH. (1) XLERATOR XL-SYNC-C-120V HAND DRYER, CHROME FINISH. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF ACCESSORIES. TRAP & DRAIN: PROVIDE MCGUIRE PROWRAP PRE-WRAPPED OFFSET DRAIN AND P-TRAP, CHROME PLATED 17 GAUGE CAST BRASS TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
L-2	LAVATORY (SINGLE STATION)	1	1 1/4"	1 1/2"	0.5	1/2"	0.5	1/2"	---	FIXTURE: SLOAN AD-81000 CLARK STREET WALL MOUNTED SINGLE STATION LAVATORY SINK, COORDINATE COLOR WITH ARCHITECT, ADA COMPLIANT. PROVIDE SUPPORT AS REQUIRED BY MANUFACTURER. FAUCET: (1) SLOAN OPTIMA ETF-410 HARDWIRED ELECTRONIC FAUCET, 0.35 GPM AERATOR, SINGLE HOLE MOUNTING, CHROME FINISH, SENSOR OPERATED, BOX TRANSFORMER POWER SUPPLY. INCLUDE STATE APPROVED BELOW DECK MIXING VALVE. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF FAUCET. ACCESSORIES: (1) SLOAN ESD-410-CP HARDWIRED FOAM SOAP DISPENSER, CHROME FINISH. (1) XLERATOR XL-SYNC-C-120V HAND DRYER, CHROME FINISH. REFER TO ARCHITECTURAL ELEVATIONS FOR LAYOUT OF ACCESSORIES. TRAP & DRAIN: PROVIDE MCGUIRE PROWRAP PRE-WRAPPED OFFSET DRAIN AND P-TRAP, CHROME PLATED 17 GAUGE CAST BRASS TRAP, WITH GRID STRAINER DRAIN. STOPS & SUPPLIES: QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & CHROME PLATED COPPER RISER SUPPLIES.
SH-1	SHOWER (ADA COMPLIANT)	2	2"	1 1/2"	2	1/2"	2	1/2"	---	ENCLOSURE: FIELD BUILT BY OTHERS. FIXTURE INCLUDING CONTROLS: ACORN 538-CSH-WSB-DIV-FX-QD-RD SHOWER SYSTEM, 1.5 GPM, ONE FIXED CONICAL SHOWER HEAD MOUNTED ON WALL, REFER TO ARCHITECTURAL PLANS FOR FIXED SHOWER HEAD MOUNTING HEIGHT, ANTI-LIGATURE TEMPERATURE / VOLUME CONTROL WITH INTEGRAL STOPS, TEMP-PRESSURE BALANCING VALVE. INCLUDE DIVERTER VALVE WITH HANDHELD SHOWER & 60" STAINLESS STEEL HOSE WITH QUICK DISCONNECT. PG TO PROVIDE 14 GAUGE STAINLESS STEEL PANEL FOR SHOWER CONTROL AND DIVERTER VALVE. COORDINATE SIZE AND LOCATION OF 14 GAUGE STAINLESS STEEL PANEL WITH GC. TEMPERATURE CONTROL AND DIVERTER VALVE MOUNTED ON 14 GAUGE STAINLESS STEEL PANEL, VALVE CONCEALED BEHIND PANEL, ADA COMPLIANT. 14 GAUGE STAINLESS STEEL PANEL AND CONTROL TO BE INSTALLED ON NORTH (LONG SIDE) WALL. SHOWER HEAD AND HAND SHOWER TO BE INSTALLED ON EAST (SHORT SIDE) WALL. DRAIN: FLOOR DRAIN FD-1 IN SHOWER FLOOR.
UR-1	URINAL (STANDARD HEIGHT)	2	2"	1 1/2"	2	3/4"	---	---	---	FIXTURE: ZURN OMNI-FLO Z5755-U, WALL HUNG URINAL, 0.5 GPF, FLUSHOMETER TYPE, WASHOUT, 3/4" TOP SPUD, WHITE VITREOUS CHINA, MOUNTED AT STANDARD HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6003AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED URINAL FLUSH VALVE, INFRARED SENSOR, 3/4" TOP SPUD, 0.5 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. SUPPORT: COMMERCIAL GRADE, WALL HUNG URINAL SUPPORT, STEEL STANCHIONS, IRON WELDED FEET, STEEL SLEEVES, FASTEN TO FLOOR.
UR-2	URINAL (ADA HEIGHT)	2	2"	1 1/2"	2	3/4"	---	---	---	FIXTURE: ZURN OMNI-FLO Z5755-U, WALL HUNG URINAL, 0.5 GPF, FLUSHOMETER TYPE, WASHOUT, 3/4" TOP SPUD, WHITE VITREOUS CHINA, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6003AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED URINAL FLUSH VALVE, INFRARED SENSOR, 3/4" TOP SPUD, 0.5 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. SUPPORT: COMMERCIAL GRADE, WALL HUNG URINAL SUPPORT, STEEL STANCHIONS, IRON WELDED FEET, STEEL SLEEVES, FASTEN TO FLOOR.
WC-1	WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1 1/2"	---	---	---	FIXTURE: ZURN ECO VANTAGE HET WALL HUNG TOILET Z5615-BWL-AM, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, ZURNSHEILD CERAMIC GLAZE, 1.28 GPF MAX, 2 1/2" TRAPWAY, 1-1/2" TOP SPUD, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6003AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED FLUSH VALVE, INFRARED SENSOR, 1-1/2" TOP SPUD, 1.28 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. SEAT: ZURN Z5955SS-EL-AM, OPEN FRONT TOILET SEAT, WHITE INJECTION MOLDED, SELF SUSTAINING CHECK HINGES, ANTI-MICROBIAL AGENT. SUPPORT: COMMERCIAL GRADE WATER CLOSET CARRIER.
WC-2	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1 1/2"	---	---	---	FIXTURE: ZURN ECO VANTAGE HET WALL HUNG TOILET Z5615-BWL-AM, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, ZURNSHEILD CERAMIC GLAZE, 1.28 GPF MAX, 2 1/2" TRAPWAY, 1-1/2" TOP SPUD, MOUNTED AT ADA HEIGHT. FLUSH VALVE: ZURN AQUASENSE ZER6003AV-HET-TM-HW, CONCEALED SENSOR OPERATED HARDWIRED FLUSH VALVE, INFRARED SENSOR, 1-1/2" TOP SPUD, 1.28 GPF, DIAPHRAGM TYPE, ELECTRICAL OVERRIDE, POLISHED CHROME FINISH, ADA COMPLIANT. SEAT: ZURN Z5955SS-EL-AM, OPEN FRONT TOILET SEAT, WHITE INJECTION MOLDED, SELF SUSTAINING CHECK HINGES, ANTI-MICROBIAL AGENT. SUPPORT: COMMERCIAL GRADE WATER CLOSET CARRIER.
WH-1	WALL HYDRANT	---	---	---	4	3/4"	---	---	---	FIXTURE: WOODFORD MODEL B67, EXTERNAL FREEZELESS WALL HYDRANT BOX TYPE, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION, LOOSE TEE KEY WITH TAMPER RESISTANT BOX.

PLUMBING DRAIN AND CLEANOUT SCHEDULE						
ID	FIXTURE	WASTE			DETAIL / SHEET	DESCRIPTION / REMARKS
		DFU	TRAP	VENT		
ED-1	FLOOR DRAIN (ROUND)	2	2"	1 1/2"	---	FIXTURE: ZURN ZN415-B, CAST IRON BODY, 6" DIAMETER NICKEL BRONZE STRAINER, COMBINATION INVERTIBLE MEMBRANE CLAMP, AND ADJUSTABLE COLLAR.
ED-2	FLOOR DRAIN (ROUND, HEAVY DUTY)	2	2"	1 1/2"	---	FIXTURE: ZURN ZN508, CAST IRON BODY, 8" DIAMETER NICKEL BRONZE TOP, SEEPAGE PAN, COMBINATION MEMBRANE FLASHING CLAMP & FRAME, AND HEAVY DUTY DEEP FLANGE SLOTTED GRATE.
HD-1	HUB DRAIN - AT GRADE	3	2"	1 1/2"	---	EXTEND HUB 2" (MIN) ABOVE FLOOR, INSTALL PIPE INCREASER ONE PIPE SIZE LARGER MINIMUM.
RD-1	ROOF DRAIN	---	---	---	---	FIXTURE: ZURN ZC100-C-EA-R ROOF DRAIN, CAST IRON BODY, 15" DIA, COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD, UNDERDECK CLAMP, ADJUSTABLE EXTENSION, ROOF SUMP RECEIVER, AND CAST IRON STRAINER.
ECO	FLOOR CLEANOUT	---	---	---	---	FINISHED AREAS WITH HARD FLOORS: ZURN ZN1400-BP, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG. FINISHED AREAS WITH CARPETED FLOORS: ZURN ZN1400-BP-CM, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG, WITH CARPET MARKER. UNFINISHED AREAS: ZURN ZN1400-BP, CAST IRON, ADJUSTABLE FLOOR CLEANOUT WITH NICKEL BRONZE TOP AND BRONZE PLUG.
WCO	WALL CLEANOUT	---	---	---	---	FIXTURE: ZURN ZS1468, POLISHED STAINLESS STEEL, ROUND ACCESS COVER, SECURING SCREW & BRONZE RAISED HEX HEAD PLUG, VERIFY LENGTH OF SCREW REQUIRED WITH WALL CONSTRUCTION.
YCO	YARD CLEANOUT	---	---	---	---	FIXTURE: 4" PIPE RISER WITH PLUMBING CREATION CI-48-6 FROST SLEEVE OR 6" PIPE RISER WITH PLUMBING CREATION CI-48-8 FROST SLEEVE EXTENDING 5 FEET BELOW FINISHED GRADE.

XLERATORsync® HAND DRYER



MODELS: **XL-ISS- C** **SP** **SI** **SF** **-VOLTAGE** (See Chart)



XL-ISS-C
Chrome Plated



FEATURES & BENEFITS

- ✓ Ultimate User Experience
- ✓ Elegant Streamlined Design Matches Any Aesthetic
- ✓ 95% Cost Savings Vs. Paper Towels
- ✓ Patent Pending Sound Suppression Air Delivery System
- ✓ HEPA Filtration System
- ✓ A Hygienic Hand Drying Solution
- ✓ Helps Qualify For Several LEED® Credits
- ✓ Washable Pre-Filter
- ✓ Industry Leading 7-Year Warranty



XL-ISS-C
Chrome Plated



XL-ISS-SP
Custom Special Paint



XL-ISS-SI
Custom Special Image



XL-ISS-SF
Special PVD Finishes

DIMENSIONS

DRYER BOX

Width 12 1/16" (306mm) **Height** 13 1/2" (343mm) **Depth** 6 5/8" (168mm)

DRYER SPOUT

Width 3 3/8" (86mm) **Height** 7 1/2" (191mm) **Depth** 10 13/16" (275mm)

FLEXIBLE HOSE ASSEMBLY

Hose Dia. 2" (51mm) **Std. Assembly Length:** 13" (330mm)

ACTIVATION

Automatic Sensor Operated

CERTIFICATIONS



WARRANTY

Seven Year Limited Warranty

ELECTRICAL

VOLTS	AMPS	WATTS	HERTZ
120V	12A	1440 W	50/60 Hz

WEIGHT

DRYER BOX	11lbs. (5kgs.)
DRYER SPOUT	3.9lbs. (1.8kgs.)
FLEXIBLE HOSE ASSEMBLY	0.5lbs. (0.3kgs.)

THE DI13 SINK SYSTEM

The DI13 Sink System featuring the new XLERATORsync Hand Dryer by Excel Dryer is the future of commercial restrooms and the most hygienic, sustainable and cost-effective way to wash and dry hands. A masterpiece of form and function, the system seamlessly fuses no-touch, high efficiency fixtures on the sink deck allowing you to wash and dry hands all in one place, creating the ultimate user experience. The customizable sink design options allow architects and designers to completely transform the aesthetic of any restroom.

AVAILABLE IN THE USA EXCLUSIVELY THROUGH

DI13 GROUP

245 West Central Street
Natick, MA 01760
D13Group.com
design@D13Group.com
(617) 307-1150



TIME TO THROW IN THE TOWEL®

EXCEL DRYER INC • 1.800.255.9235 • EXCELDRYER.COM

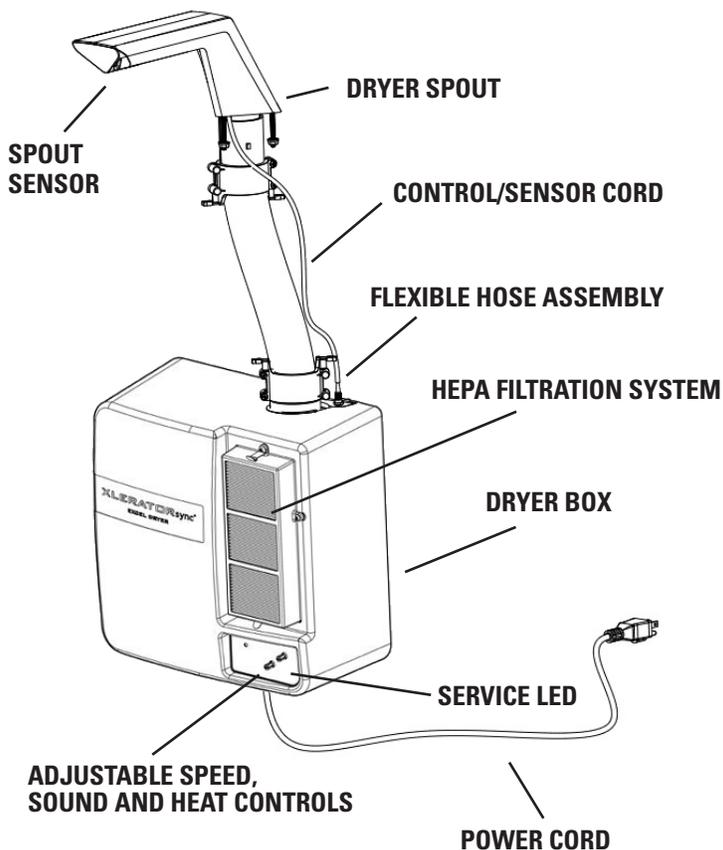
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XLERATORsync® HAND DRYER



MODELS: **XL-SYNC- C SP SI SF** -VOLTAGE (See Chart)



PERFORMANCE

- A. Wattage: 1440 Watts
- B. Amperage: 12A
- C. Volts: 120V
- D. Adjustable Speed
- E. Adjustable Heat Settings - High, Medium, Low & Off
- F. HEPA Filtration System
- G. Patent Pending Sound Suppression Air Delivery System

CONSTRUCTION

- A. Cover will be fastened to a baseplate by hidden screws when mounted under sink.
- B. Baseplate shall be equipped with two z-shaped metal brackets for dryer mounting to under sink wall surface.
- C. Dryer Spout shall be rustproof die-cast zinc alloy, bright chrome plated, epoxy paint, and custom painted options.
- D. All internal parts shall be coated according to Underwriter's Laboratories, Inc. requirements.
- E. Entire mechanism shall be internally grounded.
- F. HEPA Filtration System Removes 99.999% of Viruses from the Airstream¹
- G. Dryer Box to be connected to Dryer Spout via flexible hose with quick disconnect ends and low voltage sensor wire.
- H. Dryer shall be equipped with grounded power cord.

¹Based on April 2020 testing performed by LMS Technologies

MECHANISM

- A. Motor shall be thermally protected, series commutated, through-flow discharge vacuum motor/blower (5/8 hp / 24000 rpm) which provides air velocity of up to est. 13,000 LFM (linear feet per minute) at the air outlet. Includes a washable metal mesh filter for more reliable performance.
- B. Heating element (970W) is constructed of Nichrome wire and mounted inside the blower housing, thereby being vandal resistant. 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.
- C. Control assembly is activated by an infrared optical sensor located in the spout. The dryer shall operate as long as hands are under the air outlet. Control includes a speed and adjustable heat control with High, Medium, Low and Off settings and a filter sensor which is activated should the filter become clogged. There is a 35-second lockout feature if hands are not removed. Dryer box is equipped with LED lights on Dryer Box and Dryer Spout that flash error codes to assist in troubleshooting.

LIMITED WARRANTY

The dryer shall be guaranteed to be free from defects for a period of seven (7) years. Warranty shall include labor performed at the factory as well as the repair or exchange of defective parts, at manufacturer's option.

ACTIVATION

Automatic Sensor Operated

MOUNTING

Deck-Mounted

DIMENSIONS

DRYER BOX

Width 12 1/16" (306mm) Height 13 1/2" (343mm) Depth 6 5/8" (168mm)

DRYER SPOUT

Width 3 3/8" (86mm) Height 7 1/2" (191mm) Depth 10 13/16" (275mm)

FLEXIBLE HOSE ASSEMBLY

Hose Dia. 2" (51mm) Std. Assembly Length: 13" (330mm)

WEIGHT

DRYER BOX	11lbs. (5kgs.)
DRYER SPOUT	3.9lbs. (1.8kgs.)
FLEXIBLE HOSE ASSEMBLY	0.5lbs. (0.3kgs.)

ELECTRICAL

VOLTS	AMPS	WATTS	HERTZ
120V	12A	1440 W	50/60 Hz

IP RATING

IP11B

CERTIFICATIONS



AVAILABLE IN THE USA EXCLUSIVELY THROUGH

D|13 GROUP

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Natick, MA 01760
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