

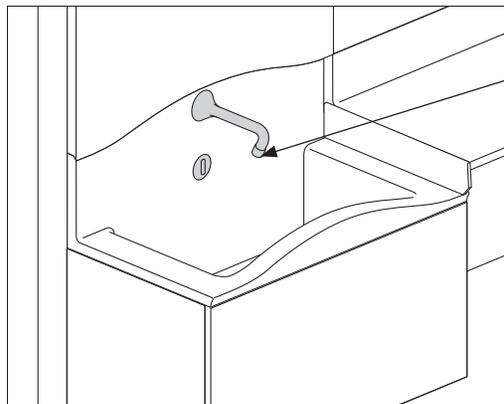
Attachment 8
AC Powered Faucet with Sensor
To be installed by others (General Contractor)

Feb 27, 2012

8. Sink Modules

TW239. - Faucet

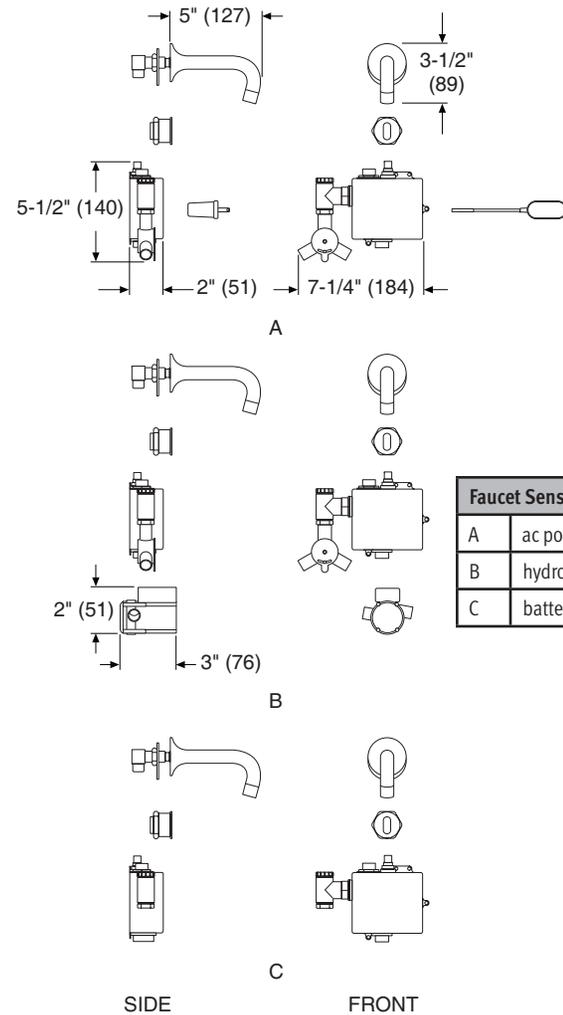
This faucet is designed to work with a 13"-deep sink and includes a hands-free sensor, faucet (spout), mixing valve, controller, sensor connector, spout hose, AC/DC transformer, and hydrogenerator.



Some versions of the faucet may have a seamed spout.

Notes:

- AC powered faucet sensor option (A) requires an electrical outlet to plug into. It is recommended that the outlet be located to fit inside the sink surround.
- Hydro-powered faucet sensor option (B) is self charging and does not require an outlet.
- Battery powered faucet sensor option (C) uses 4 AA batteries (included).
- Use laminar flow outlet with a 1.5 GPM flow rate. Recommended part Neoperl model number # 42.3156.0000
- If the spout is seamed use the laminar flow outlet with a 1.5 GPM flow rate. Recommended part Neoperl model #1136505.
- If the spout is not seamed use laminar flow outlet with 1.5 GPM flow rate. (Neoperl "CACHE" Type). Recommended part Neoperl model # 1303305. Installation/Removal key (Neoperl # 1190405) is strongly recommended.
- HMI service part # U1B7254 includes all outlet parts for both seamed and non-seamed faucet spouts.

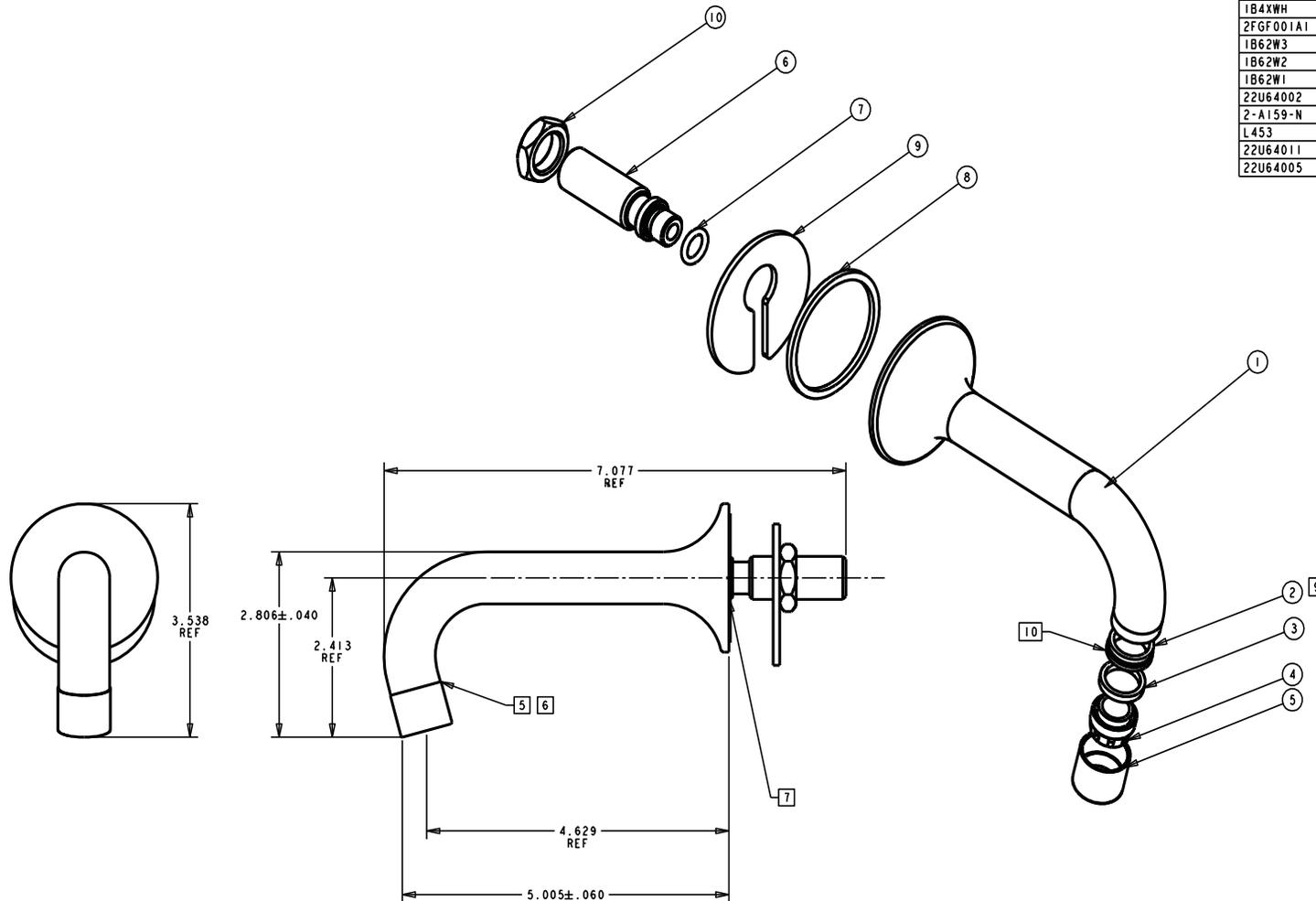


Faucet Sensor Type	
A	ac powered faucet sensor
B	hydro-powered faucet sensor
C	battery powered faucet sensor

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Faucet dimensions and Assembly information.



ASSY NO	QTY	DESCRIPTION	ITEM
1B62W0			
PART NO			
1B4XWH	1	SPOUT	1
2FGF001A1	1	THREADED ADAPTER	2
1B62W3	1	WASHER - RUBBER	3
1B62W2	1	OUTLET - SPOUT, LAMINAR FLOW	4
1B62W1	1	HOUSING - SPOUT, OUTLET	5
22U64002	1	NIPPLE - FAUCET	6
2-A159-N	1	O-RING, NIPPLE	7
L453	1	O-RING, SPOUT	8
22U64011	1	WASHER - BACKING PLATE	9
22U64005	1	NUT- HEX	10

- NOTES:
- INTERPRET DRAWING PER ASME Y14.5M-1994
 - DIMENSIONS AND TOLERANCES ARE U.S. CUSTOMARY UNITS
 - 3D CAD DATA AVAILABLE PER HMI ENGINEERING
 - ALL COMPONENTS/MATERIALS MUST MEET THE FOLLOWING SPECIFICATIONS:
ASME A112.18.1
ANSI/NSF 61
CSA B125.1
 - THREADED JOINT BETWEEN SPOUT OUTLET HOUSING AND SPOUT MUST NOT LEAK (RUBBER WASHER MUST CRUSH DURING ASSEMBLY)
 - NO VISIBLE GAP ALLOWED BETWEEN THE SPOUT OUTLET HOUSING AND SPOUT
 - THREADED JOINTS AT BACK OF SPOUT MUST NOT LEAK
 - APPROVED SUPPLIER:
ITC.
ANY CHANGES TO PART DESIGN, MATERIAL, MANUFACTURING PROCESS, TOOLING OR SUB-SUPPLIER STATUS REQUIRE APPROVAL FROM AN HMI QUALITY ENGINEER IN ACCORDANCE WITH HMI CORPORATE PPAP PROCEDURE
 - ITEM 2 IS TO BE BRAZED INTO OUTLET OF ITEM 1, IN LEAK FREE MANNER, ALLOWING FOR PROPER SEATING/SEALING OF WASHER, LAMINAR FLOW DEVICE, SPOUT OUTLET HOUSING, AND GASKET
 - NOTE: ADAPTER MUST USE A 3/4-27 UNS THREAD TO MATCH SPOUT OUTLET HOUSING