

## Specifications

Hydrim L110w instrument washer:

### Dimensions:

Height (free-standing)	850 mm / 33.5"
Height (built-in)	810 mm / 32"
Width	600 mm / 23.75"
Depth	600 mm / 23.75"
Depth with Door Open	1143 mm / 45"
Weight	85 kg / 187 lbs
Running Noise	58 dB wash 78 dB dry
Hot Water Connection	60°C max / 158°F
Rinse aid dispenser	80 ml / 2.7 U.S. fl. oz. capacity
Water softener	1.0 kg / 2.2 lbs salt capacity
Filling system	4.5 L / 135 U.S. fl. oz. capacity
Wash Temperature	50°C / 122°F
Rinse and hold	30°C / 86°F

### Electrical Consumption:

North America	208 - 240 V 60 Hz 15 A
Rated Load	2.5 kW

### Other:

Equipment Pollution Degree	2
Equipment Installation Category	II
Maximum relative humidity	80 % for temp. up to 31°C / 88°F 50 % for temp. up to 40°C / 104°F
Mains supply	+ / - 10 % of nominal
Operating mode	Free-standing or Built in



## Safety Information

### Safe operation

The following applies to both operators and service technicians:

- Exercise caution and seek assistance when lifting or carrying the unit.
- Cleaning solutions may irritate. Avoid contact with eyes and mouth.
- Never lean on the open door. The unit may tip forward causing injury.

## Water Connections

The unit must be connected to the water supply in accordance with local and national plumbing codes. SciCan recommends a hard plumbing installation within 1.5 m / 5 ft. of the unit. If additional distance is necessary, commercial grade plumbing hose, similar to washing machine installation, must be used to minimize possible leaks.

Connect the inlet hose to a water tap using the enclosed parts and in accordance with the installation instructions.

Water Connection	
Water Pressure:	• 7 - 145 psi / 0.5 - 10 bar
Water Temperature:	• Cold Water < 86°F / 30°C • Hot Water up to 140°F / 60°C

## Drainage

The unit is supplied with a 1.5 m / 5 ft. flexible drain hose with an inner diameter of 2 cm / 3/4". The hose should not be shortened or attached to any fittings that would cause a reduction in water flow. The drain system is equipped with a non-return valve that prevents dirty water from flowing back into the unit.

The drain hose should not be further than 1.5 m / 5 ft. from a hard plumbing drain. If this is not possible, then commercial grade plumbing hose must be used to minimize possible leaks.

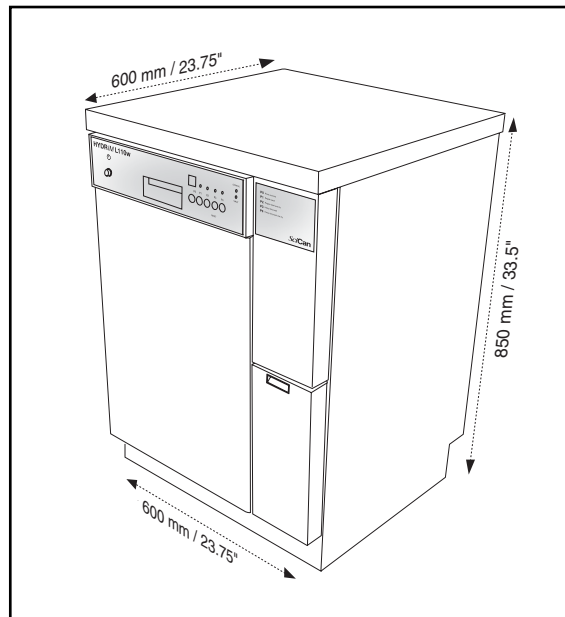
The hose can be attached to an existing drain line with a 3.5 cm / 1 1/2" or larger stand pipe / P-trap combination. Alternatively, the hose can be connected directly to the existing drain lines, provided any fittings or adapters used do not reduce the water flow. The drain hose should not exceed 3.3 m / 13 ft. in length, or be attached to the main drain at a point higher than 35 cm / 14" above the floor.

## Setup and Installation Tips

1	The Hydrim L110wd instrument washer-disinfector functions properly to a maximum altitude of 1600 m (5249 ft) above sea level. The Hydrim L110w does not have altitude restrictions.
2	Obtain the hardness of water from the local water utility or by checking it with the enclosed water test strips. You need this information to adjust the water softener dial in the unit according to the operator's manual, maintenance section.
3	<p>The installation site needs to be inspected and prepared in advance. An electrician and/or a plumber may be required for this.</p> <ul style="list-style-type: none"> <li>a) A level, water resistant floor or undercounter location, preferably close to the sink for easy access to the hot and cold water and the drain, is recommended for installation site.</li> <li>b) Holes may need to be drilled into the cabinetry to route the hot and cold water hoses, drain tube and power cord to the supplies.</li> <li>c) The water hoses provided with the unit are 2 m / 6.5 ft long with <math>\frac{3}{4}</math>" NPT female fittings. The hot and cold water lines must have taps with corresponding male fittings. A water pressure of 7 - 145 psi / 0.5 - 10 bar (gauge) is required. Make sure that the hot and cold water hoses are connected to their respective inlet connectors (not reversed) at the back of the unit. Note: The Hydrim L110wd has only a cold water inlet.</li> <li>d) The drain tube provided with the unit is 1.5 m / 5 ft long with an inner diameter of 2 cm / <math>\frac{3}{4}</math>". It should be connected to a drain point no more than 35 cm / 14" above the floor.</li> <li>e) If the unit cannot be installed close to the sink, the water hoses and the drain may need to be extended. Any additional tube, connector and fitting should be procured prior to installation. Please note that the drain tube should not exceed 3.3 m / 13 ft. Make sure that the extension hoses for cold and hot water can withstand the water line pressure.</li> <li>f) The Hydrim is constructed with air gap / anti-siphoning device on cold and hot water inlet hoses as well as the drain hose. No additional air gap/anti-siphoning device is necessary.</li> <li>g) A power outlet of 208 - 240 V, 60 Hz, 15 A single phase for North America and 220 - 240 V, 50 Hz, 16 A single phase for Europe with proper grounding is required for the unit. A power cord of the unit is 1.8 m / 6 ft long.</li> </ul>
4	The Hydrim is very heavy. Seek assistance if moving it.
5	When connecting the water hoses, the connector with the elbow connects to the back of the unit. The washer with the screen goes into the connector in the other end of the hose.
6	Make sure that the voltage and frequency of the power outlet are the same as indicated on the label of the unit.
7	Make sure that Hydrim cleaning solution is used with Hydrim L110w in North America. The Hydrim L110wd uses Neodisher dental detergent. For both models, see operator's manual for more information on water softening and rinse aid.
8	Once installed, turn the water taps to the open position, ensure the unit is plugged in to the power supply, and run a program. Check the water and drain connections at both ends for leaks.

## Optional Installation Configurations

### Option 1. Free Standing



### Option 2. Under Counter

