



LC 1100 WD - CLEAN ROOM ENVIRONMENTS



OEM ORIGINAL EQUIPMENT MANUFACTURERS



WOOD



OPTICS



UP TO FOUR STAGES OF FILTRATION



- ✓ Heavy duty steel construction
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ High filtration efficiency
- ✓ Additional HEPA filter (99,995% on 0.18 micron) included
- ✓ Designed for vacuuming in cleanrooms
- ✓ In compliance with GMP standards, easy to clean and sanitize
- ✓ Autoclavable (up to 248°F/120°C, motor head excluded)
- ✓ Suitable for use in ISO4 clean rooms

SUCTION UNIT

Voltage	V - Hz	115 - 60 1~
Power	HP (kW)	1.3 (1)
Max water lift	inH2O (mmH2O)	90.1 (2289)
Max air flow	CFM (m3/h)	105.9 (180)
Suction inlet	in (mm)	1.5 (40)

FILTER UNIT

Filter Type	Bag	
Surface - Diameter	ft2 (m2), mm	3 (0.3), 360
Media, class (IEC 60335-2-69)2	Polyester - M PTFE	
Air load on filter	ft/min (m/hr)	32.8 (600)
Absolute filter (EN 1822-5)- Upstream	U15 included	
Absolute filter (EN 1822-5)- Downstream	E10 Included / U15 Optional	
Absolute filter (EN 1822-5)- Upstream motor cooling air	U15 included	
Absolute filter (EN 1822-5)- Downstream motor cooling air	U15 included	

COLLECTION UNIT

Collection tank	Wheeled	
Capacity (solids)	gal (L)	10.6 (40)
Capacity (liquids)	gal (L)	6.6 (25)

SIZE

Dimensions	in (cm) WxLxH	17x17x29 (43x43x73)
Weight	lb (kg)	60 (27)



SUCTION UNIT

The suction is made of a carbon brush by-pass motor which is activated by an independent switch placed inside a robust metal motor head. The motor head is soundproofed by sound-absorbent material.



FILTER UNIT

A floating device stops the suction whenever the liquid in the container reaches the maximum level and prevents overflowing.

Inside the AISI316 stainless steel filtering chamber there is a high efficiency filter. Two filters (one at the inlet, one at the outlet) of U15 efficiency guarantee maximum effectiveness in protecting the environment of the Clean Rooms.



COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.

OPTIONALS

- ✓ DISPOSABLE BAGS
- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST