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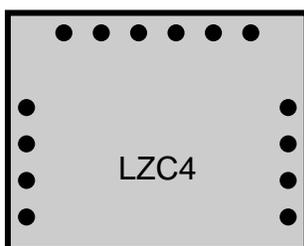
## Luzchem Photoreactor Model LZC-4<sub>b</sub>

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Luzchem's LZC-4 photoreactor is configured with 14 lamps for top and side irradiation. Fan and exhaust lines are provided; the exhaust is only needed when using UVC (254 nm) lamps. One set of safety goggles (cut-off around 420 nm) is supplied. Bulkhead connectors for gases are standard.



### Configuration:



The LZC-4 photoreactor is equipped with 6 top lamps, and 8 side lamps, controlled by 4 switches.

### Unit Specifications:

<b>Dimensions:</b>	<i>External:</i> 18" wide, 21" deep (with exhaust) and 16.5" high (46 x 53 x 42 cm) <i>Internal:</i> 12" wide, 12" deep and 8.5" high (30 x 30 x 22 cm)
<b>Weight:</b>	32 lbs. / 15 kg
<b>Power Rating:</b>	110/220 VAC, 50/60 Hz cycle, 3 Amps Ships with North American-style power cable
<b>Housing Material:</b>	<i>External:</i> Stainless Steel <i>Internal (chamber):</i> Al 5052-H32 (aluminum alloy)
<b>Ambient Temperature:</b>	Must be between 10 °C and 35 °C
<b>Chamber Temperature:</b>	Maintained to 3-4 °C above room temperature
<b>Humidity:</b>	Must be between 0% and 95% (non-condensing)

### Luzchem Research, Inc.

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**Lamps:** All lamps and accessories for the LZC-4 photoreactor are sold separately. See separate sheet for the specifications for available lamps.

**Options Included:**

<b>Option</b>	<b>Specifications</b>
Gas Inlet	<ul style="list-style-type: none"><li>• Rear mounted bulkhead gas connector</li><li>• Only recommended for non-flammable, non-toxic gases</li><li>• Gas should not dissipate in the chamber, should be used with environmental chamber only.</li></ul>
Hour Meter	<ul style="list-style-type: none"><li>• Built-in to the unit</li><li>• Keeps track of the number of hours the unit has been in operation</li></ul>
Safe Exhaust	<ul style="list-style-type: none"><li>• Material: galvanized aluminum</li><li>• Exhaust tube provided: 4" diameter, max length: ~ 8'</li><li>• Built-in fan: 3100 RPM, Airflow: 110 CFM</li></ul>
Safety Interlock	<ul style="list-style-type: none"><li>• Turns off lamps when door is open</li><li>• Indicator LED's signal if the door is open and if power is running to the lamps</li></ul>
UV Protecting Goggles	<ul style="list-style-type: none"><li>• Yellow safety goggles, with 400 nm cut-off</li></ul>

Updated Jan 2017

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