

# LABTECH

R-SERIES

SCIENTIFIC GRADE



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## CAPACITY

- 27.6 ft<sup>3</sup> (781L) volume
- 6.31-22.6 ft<sup>2</sup> (0.58-2.1 m<sup>2</sup>) shelf space

## TEMPERATURE

- +4°C to 40°C lights off
- +10°C to 45°C lights on
- Control of ±0.5°C

## HUMIDITY

- Optional additive humidity up to 90%RH
- Optional dehumidification

## MOBILITY

- Heavy duty, front locking casters
- Adjustable leveling bolts

## UTILITIES

- Drain hose
- Optional drain pan and pump
- 50Hz and 60Hz models

## CONTROL AND MONITORING

- 7" high resolution, full color touchscreen
- Intuitive graphic interface
- Advanced programming, control and reporting
- Optional integration with site monitoring system

## REFRIGERATION

- Top-mounted air-cooled condensing unit with hot gas bypass for continuous operation and tight temperature control
- Space-saving design and easy access for maintenance

## ACCESS

- Light tight door gasket seal with keyed lock
- Optional observation window
- Instrument port

## UNIFORMITY

- Engineered airflow and perforated plenums for uniformity
- Upward or horizontal airflow to suit shelving and applications



## Two Chambers. Unlimited Applications



2-8C STORAGE

STABILITY 25°C/60% RH

STABILITY 30°C/65% RH

STABILITY 40°C/75% RH

labworksinternational.com

lab  
WORKS  
International Inc.

## BASE CHAMBER DATA

The LABTECH R-Series chambers are designed to fit through a standard commercial doorway and ship in one piece requiring minimal assembly and easy installation in any research lab. With foamed-in-place CFC-free insulation, painted galvanized steel exterior and galvanized interior, the LABTECH R-Series chambers are highly durable, resistant to corrosion, and easy to clean, operate and maintain.

### MODEL LRC-780

TEMPERATURE °C	INTERIOR VOLUME	EXT DIMENSIONS W x D x H	WEIGHT	ELECTRICAL SERVICE	SAFETY CERTIFICATIONS
4 - 40°C Control ±0.5	27.6ft <sup>3</sup> 781L	41 x 32 ½ x 77 (in) 1040 x 825 x 1960 (mm)	700 Lbs 320 Kg	120-1Ø-60Hz-2 wire 230-1Ø-50Hz-2 wire	cTUVus (NRTL) CE-mark, TÜV

### MODEL LRC-1680

TEMPERATURE °C	INTERIOR VOLUME	EXT DIMENSIONS W x D x H	WEIGHT	ELECTRICAL SERVICE	SAFETY CERTIFICATIONS
4 - 40°C Control ±0.5	59.3ft <sup>3</sup> 1679L	84 x 32 ½ x 77 (in) 2135 x 825 x 1955 (mm)	1400 Lbs 636 Kg	120/208-3Ø-60Hz-4 wire 230/400-3Ø-50Hz-4 wire	cTUVus (NRTL) CE-mark, TÜV

## TWO CHAMBER. UNLIMITED APPLICATIONS.

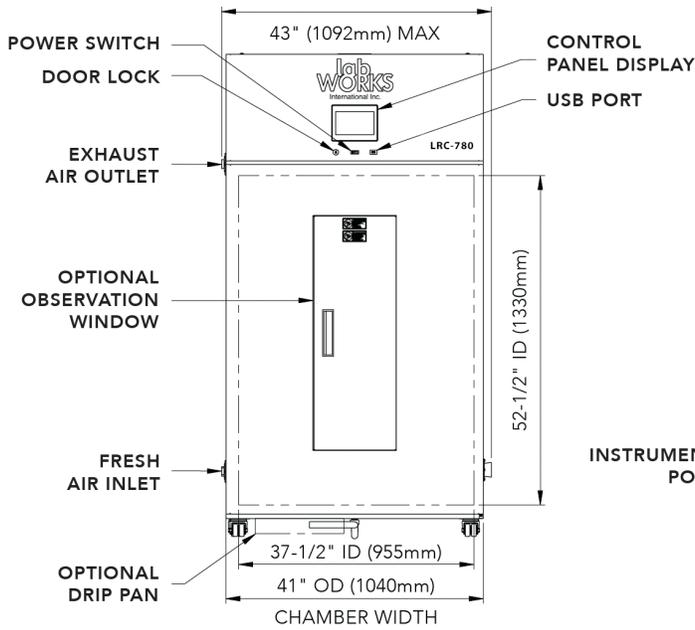
The LABTECH R-Series chamber is customizable! Additional kits are available allowing researchers to convert the chamber to adapt to a variety of conditions that require different airflow direction, temperatures, and humidity requirements.



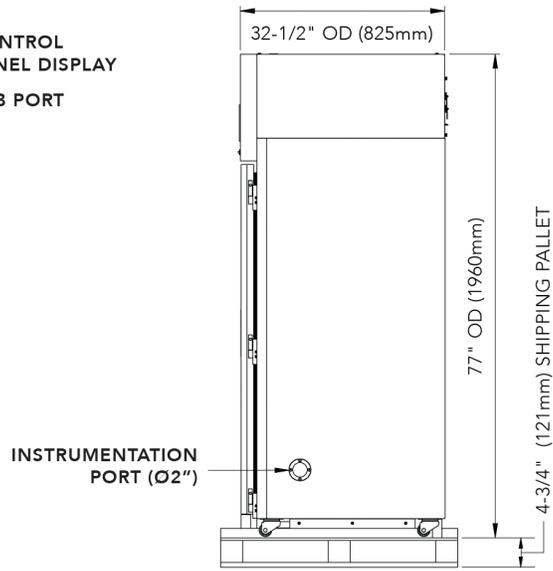
## EXTEND YOUR CAPABILITIES WITH THESE OPTIONS

- UPS surge protection on power supply
- Observation window to ease viewing
- Phenolic-coated refrigeration coil for applications
- Dehumidification
- Lighting packages
- Stainless Steel Interior
- Condensate pump and drip pan
- Low temperature (2°C) operation
- Water-cooled condensing unit
- Ultrasonic humidification to 90% RH
- Additive CO2 and control
- Shelving packages

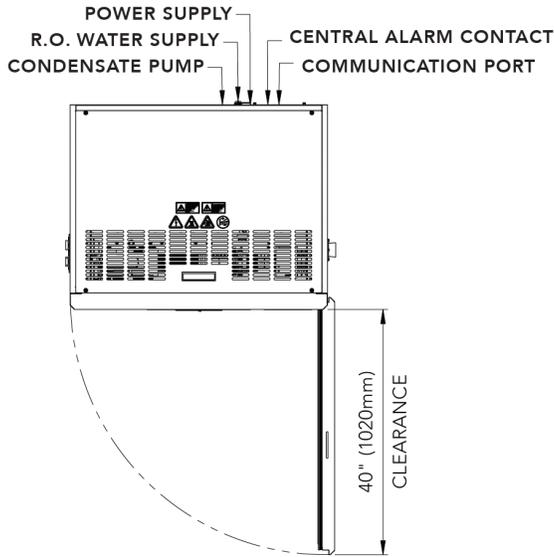
# LABTECH LRC-780



**FRONT VIEW**



**SIDE VIEW**



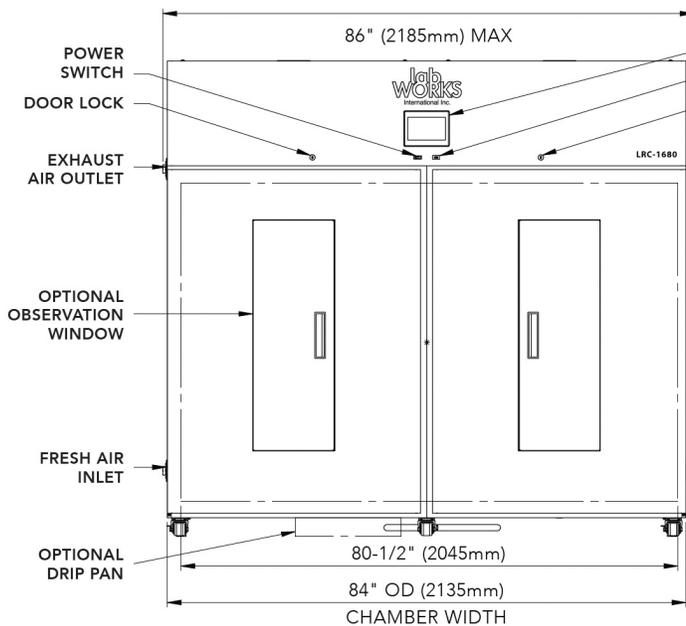
**TOP VIEW**

## NOTES

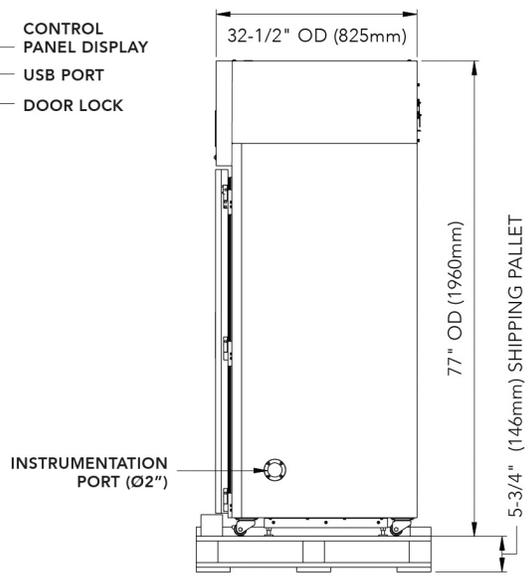
1. Requires a minimum of 4" (102 mm) from rear of the chamber to back wall. Hepa filter and/or ducted collar option adds 2" to the overall width of the chamber.
2. Length and width dimensions  $\pm 1/4"$  (6mm). Height dimension  $\pm 1"$  (25mm), due to potential adjustment of leveling feet.
3. Standard refrigeration system is air cooled, self-contained. Water cooled refrigeration optional.

LRC-780 MODEL  
DATE ISSUED: 2020

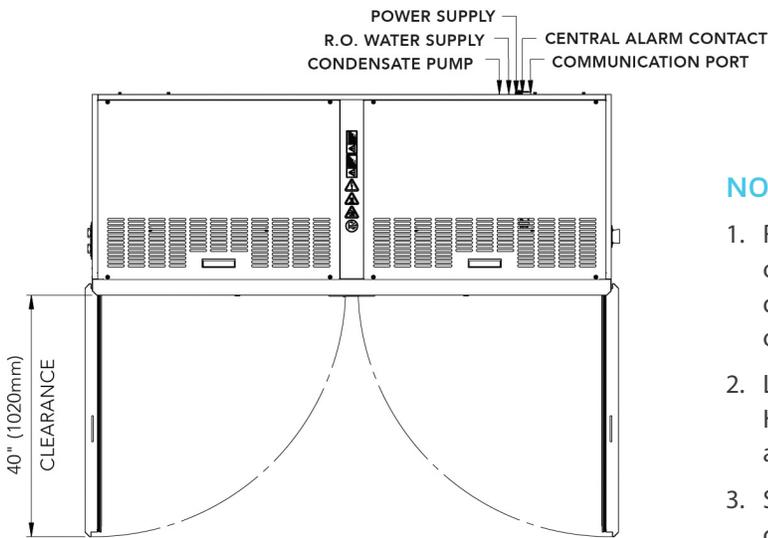
# LABTECH LRC-1680



**FRONT VIEW**



**SIDE VIEW**



**TOP VIEW**

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