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CATALOG

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Canden Product list

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All Canden products chamber can be customized to meet your applications.

All Chambers Manufactured at
St.louis, Mo-USA

Email: Sales@candenproducts.com

CANDEN PRODUCTS- ENVIRONMENTAL CHAMBER MODELS

HCH20- 1 door model	HC20-1 door model	HC40-2 door model	HC3-Benchtop model	BLY20- 1 door model	BLY40-2 door model
Specification Temperature: 0 °c to 70°c Humidity:20% to 90% RH	**Specification** Temperature: 0 °c to 70°c Humidity:20% to 90% RH **Humidity optional**	**Specification** Temperature: 0 °c to 70°c Humidity:20% to 90% RH **Humidity optional**	**Specification** Temperature: -10 °c to 100°c Humidity:20% to 90% RH **Humidity optional**	**Specification** Temperature: 30 °c to 100°c	**Specification** Temperature: 30 °c to 100°c

Chamber features:

Exceptional uniformity, Proportional microprocessor controller, reliable UL listed Parts, easy to self maintain without expensive maintenance contracts, industry best warranty.

Temp control at sensor: ± 0.2°C
Humidity control at sensor : 0.3% RH
Temperature Uniformity: ± 1°C
Humidity uniformity : 3% RH

Sensor type: 100ohm Platinum RTD
Sensor type : Rotronic HC2A or equivalent

Applications:

Accelerated Aging Testing, Humidity Climate Tests, Testing for Corrosion, growth chamber, Thermal Shock, and various other environmental tests. Chamber is used in various industries including automotive, electronics, telecommunications, avionics,pharmaceutical, food, cosmetics industries.

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CANDEN PRODUCTS- INSECT GROWTH CHAMBER MODELS

IRC20 1 door model	IRC40 2 door model	IRC60 3 door model	IRC3 Benchtop model	IRCGDM 1 door glass door model	IRCGDM 40 2 door glass door model	IRCGDM 60 3 door glass door model
Specification Temperature: 10 °c to 40°c Humidity:50% to 90% RH* Light control with Led lights **Up to 25 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH* Light control with Led lights **Up to 50 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH* Light control with Led lights **Up to 75 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH* Light control with Led lights **Up to 10 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH * Light control with Led lights **Up to 25 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH * Light control with Led lights **Up to 50 shelves max**	**Specification** Temperature: 10 °c to 40°c Humidity:50% to 90% RH * Light control with Led lights **Up to 75 shelves max**

*Humidity optional

Chamber features:

Exceptional uniformity, Proportional microprocessor controller, programmable temperature, humidity and light controller, reliable UL listed Parts, easy to self maintain without expensive maintenance contracts, industry best warranty.

Temp control at sensor: ± 0.2°C
Humidity control at sensor : 0.3% RH
Temperature Uniformity: ± 1°C
Humidity uniformity : 3% RH

Sensor type: 100ohm Platinum RTD
Sensor type : Rotronic HC2A or equivalent

Applications:

Canden insect growth chamber is used to serve various research and growth application including ;
Rat or mouse accommodations, Squirrel hibernation studies. Algae growth, Asian long-horned Beatles,Red date palm Beatles, Parasitic wasps, Bees, Drosophila, Sand flies, Worms, Moths, Mosquitoes, Zebra fish and any other insects/flies/animals.

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CANDEN PRODUCTS- DROSOPHILA GROWTH CHAMBER MODELS

DRS20 1 door model	DRS40 2 door model	DRS60 3 door model	DRS3 Benchtop model	DRSGDM 1 door glass door model	DRSGDM 40 2 door glass door model	DRSGDM 60 3 door glass door model
Specification Temperature: 18 °c to 32°c Humidity:50% to 90% RH* Light control with Led lights **Up to 25 shelves max** **Temp uniformity: +/- 0.7°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit*** *optional	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH* Light control with Led lights **Up to 50 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH* Light control with Led lights **Up to 75 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH* Light control with Led lights **Up to 8 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH * Light control with Led lights **Up to 25 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH * Light control with Led lights **Up to 50 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***	**Specification** Temperature: 18 °c to 32°c Humidity:50% to 90% RH * Light control with Led lights **Up to 75 shelves max** **Temp uniformity: +/- 1°c** **% RH uniformity: +/- 3%** **Programmable Day/night cycle light timer** **Phenolic coating of TE unit***

Chamber features:

Exceptional uniformity, Proportional microprocessor controller, programmable temperature, humidity and light controller, reliable UL listed Parts, easy to self maintain without expensive maintenance contracts, industry best warranty.

Temp control at sensor: ± 0.2°C
Humidity control at sensor : 0.3% RH
Temperature Uniformity: ± 1°C
Humidity uniformity : 3% RH

Sensor type: 100ohm Platinum RTD
Sensor type : Rotronic HC2A or equivalent

Applications:

Canden drosophila growth chamber is used to serve various research and growth application including Drosophila and any other insects and flies.

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CANDEN PRODUCTS- PLANT GROWTH CHAMBER MODELS

GC20 1 door model	GC40 2 door model	GC60 3 door model	GCW20 1 door model
Specification Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 25 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Multiple tiers of light available** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 50 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Multiple tiers of light available** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 75 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Multiple tiers of light available** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional White aluminum interior **Light spec: 100 to 300 µmol m-2 s-1** **Up to 25 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Multiple tiers of light available** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**

CANDEN PRODUCTS- PLANT GROWTH CHAMBER MODELS

GC-GDM 1 door glass door model	GC-GDM 40 2 door glass door model	GC-GDM 60 3 door glass door model	GC3-Benchtop model
Specification Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 25 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 50 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 75 shelves max** **Standard Number of tiers of light- 2 to 6** **Max height at each tier-12"-48"** **Suitable for tall, short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**	**Specification** Temperature: 4°c to 60°c Humidity: 20% to 90% RH* Diurnal Programmable Light Timer *Humidity optional **Light spec: 100 to 300 µmol m-2 s-1** **Up to 8 shelves max** **Standard Number of tiers of light- 2** **Max height at each tier-8"** **Suitable for short plants, tissue culture, vernalization studies, seed germination, Arabidopsis studies etc.**

Chamber features:

Exceptional uniformity, Proportional microprocessor controller, programmable temperature, humidity and light controller, reliable UL listed Parts, easy to self maintain without expensive maintenance contracts, industry best warranty.

Temp control at sensor: ± 0.2°C
Humidity control at sensor : 0.3% RH
Temperature Uniformity: ± 1°C
Humidity uniformity : 3% RH

Sensor type: 100ohm Platinum RTD
Sensor type : Rotronic HC2A or equivalent

Applications:

Tall plants, short plants, vernalization studies, Arabidopsis, Plant tissue growth,Seed germination,Algae growth, mushroom growth, drying products and many other applications.

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CANDEN PRODUCTS- STABILITY CHAMBER MODELS

Q20 1 door model	Q40 2 door model	Q60 3 door model
Specification Temperature: 18 °c to 50°c Humidity:50% to 90% RH* **Up to 25 shelves max**	**Specification** Temperature: 18 °c to 50°c Humidity:50% to 90% RH* **Up to 50 shelves max**	**Specification** Temperature: 18 °c to 50°c Humidity:50% to 90% RH* **Up to 75 shelves max**

CANDEN PRODUCTS- STABILITY CHAMBER MODELS-GLASS DOOR MODELS

Q-GDM 1 door glass door model	Q-GDM 40 2 door glass door model	Q-GDM 60 3 door glass door model
Specification Temperature: 18 °c to 50°c Humidity: 50% to 90% RH **Up to 25 shelves max**	**Specification** Temperature: 18 °c to 50°c Humidity: 50% to 90% RH **Up to 50 shelves max**	**Specification** Temperature: 18 °c to 50°c Humidity: 50% to 90% RH **Up to 75 shelves max**

Chamber features:

Exceptional uniformity, Proportional microprocessor controller, programmable temperature, humidity and light controller, reliable UL listed Parts, easy to self maintain without expensive maintenance contracts, industry best warranty.

Temp control at sensor: ± 0.2°C
Humidity control at sensor : 0.3% RH
Temperature Uniformity: ± 1°C
Humidity uniformity : 3% RH

Sensor type: 100ohm Platinum RTD
Sensor type : Rotronic HC2A or equivalent

Applications:

Temperature stress testing for electronics, Cosmetic product and packaging stability, Pharmaceutical product and packaging stability, Nutraceutical product and packaging stability , Fragrance stability testing, Gypsum board stability testing, Paper stability and many other stability storage, accelerated stability testing applications.

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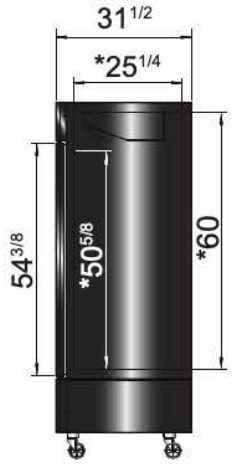
All Glass door model dimensions



*Interior Dimensions

SELF-CLOSING
AND STAY OPEN
DOOR FEATURE

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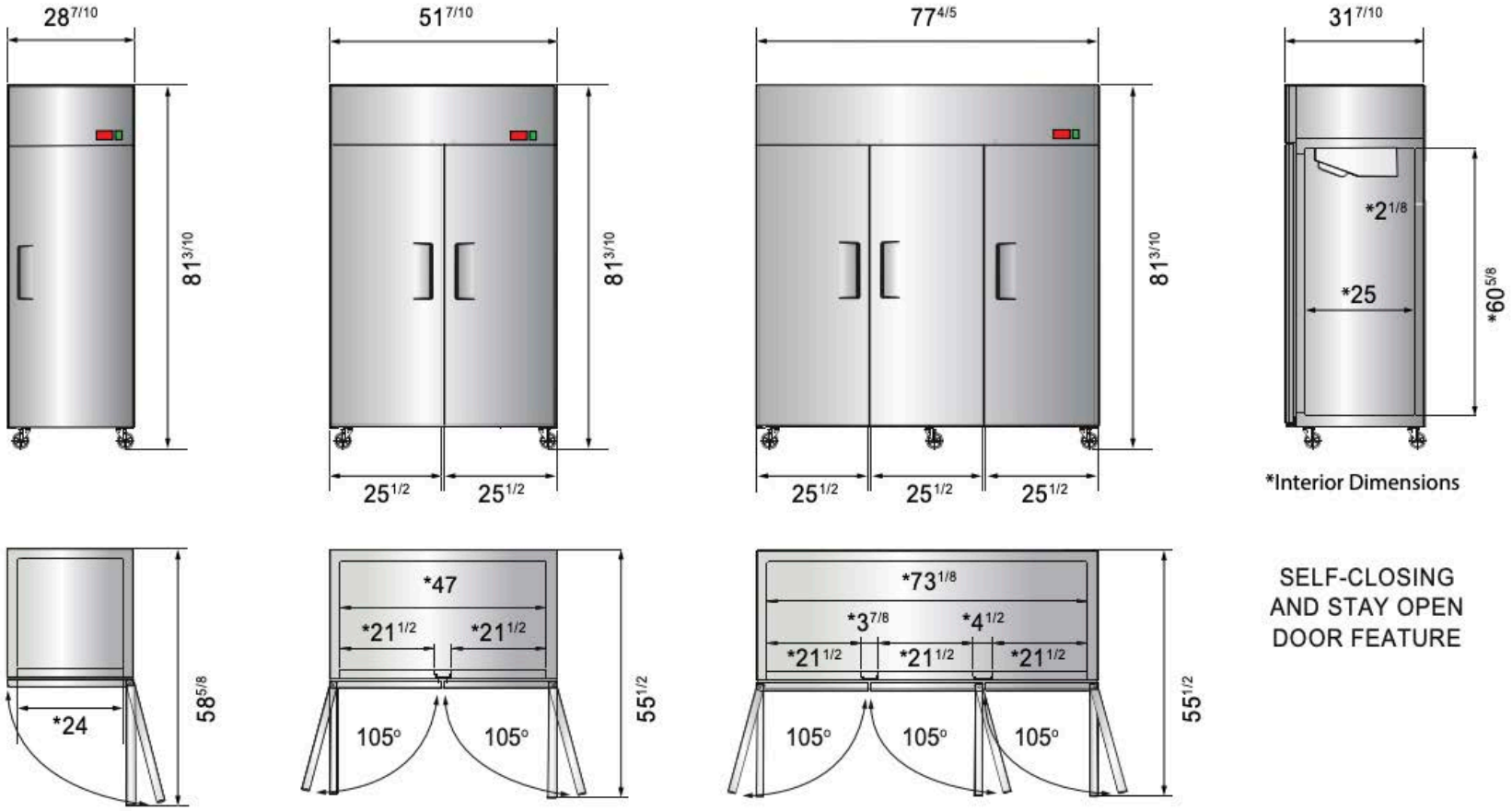
All Solid door dimensions



SELF-CLOSING AND STAY OPEN DOOR FEATURE

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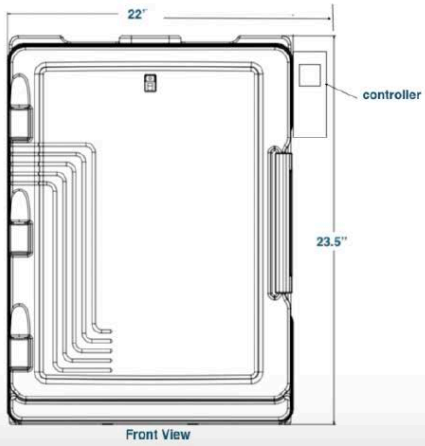
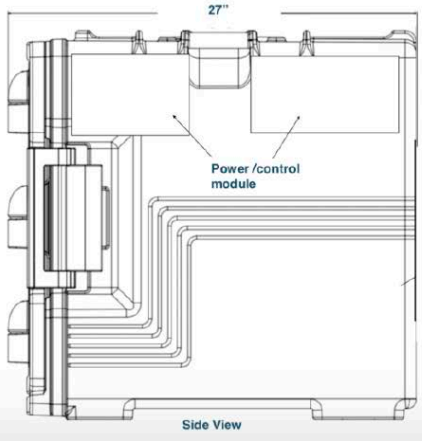
Benchtop model information





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Benchtop Model-IRC3 Stackable without parts

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Insect growth chamber- DRS20

Tissue culture chamber Lights GC-40 Model

GC40- Plant growth chamber

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