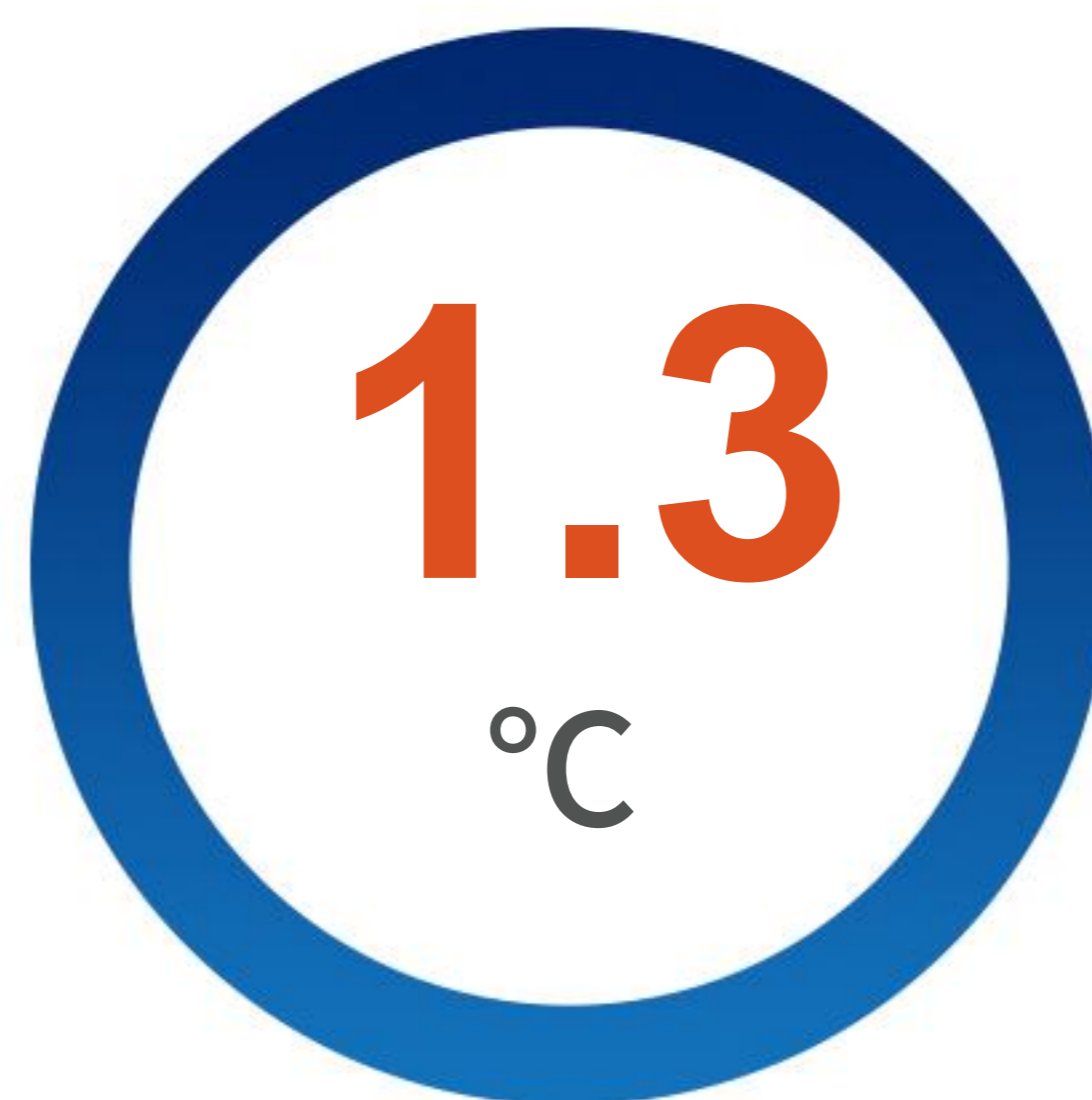


# Biomedical Freezer

DW-XL90

Our under counter biomedical freezer DW-XL90 is designed to meet a wide range of sample storage needs with hydrocarbon refrigerant and fast cooling capabilities. Built-in design with front ventilation making the refrigeration performance still be guaranteed even if it works in narrow space. It offers an unparalleled ergonomic design and ideal for the storage of a wide variety of samples including enzymes, biologics, plasma and medicines.



Temp. uniformity



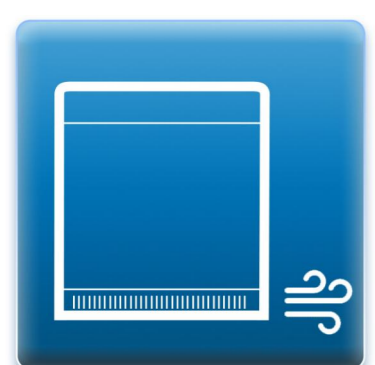
Pulling down to -30°C



Daily consumption\*

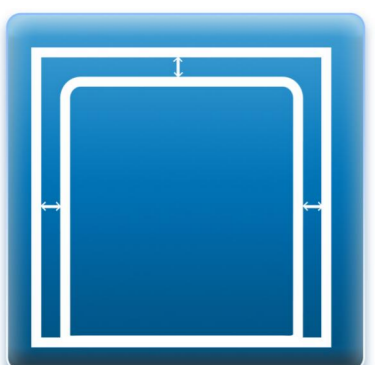
\*Test Under Energy Star standard (Laboratory Grade Freezer)

## Features



### Built-in possibility

Front-breathing ventilation design makes no worry about limited space around or aside the freezer.



### Slim and golden dimension

Size of 600\*624\*812mm is suitable for using in most laboratory and pharmacy under counter,height (less than 32") complying with ADA guidelines.



### Hydrocarbon refrigerant

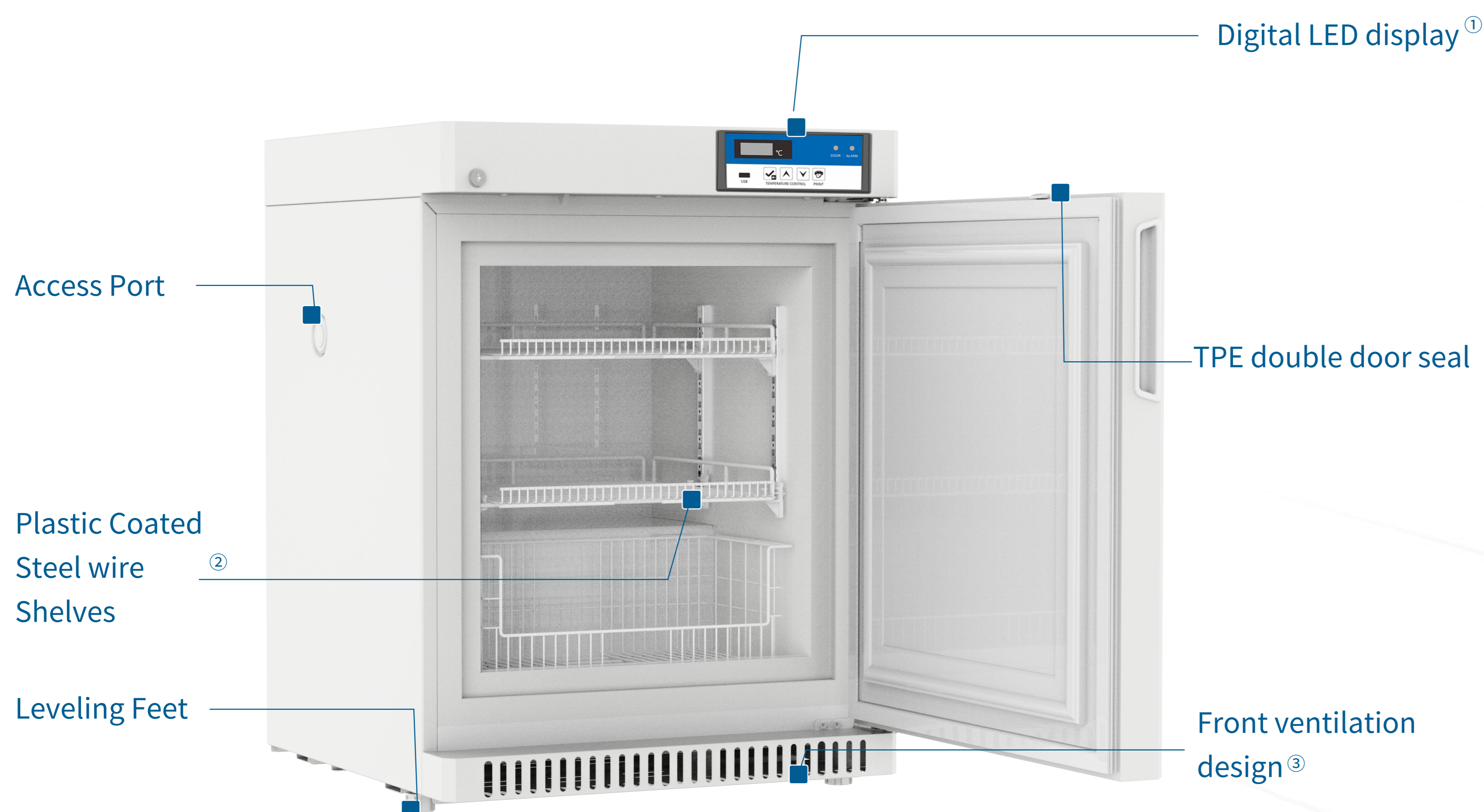
R290 refrigerant complies with SNAP and F Gas mandates. Energy consumption meets Energy Star standard(Lab grade freezer).



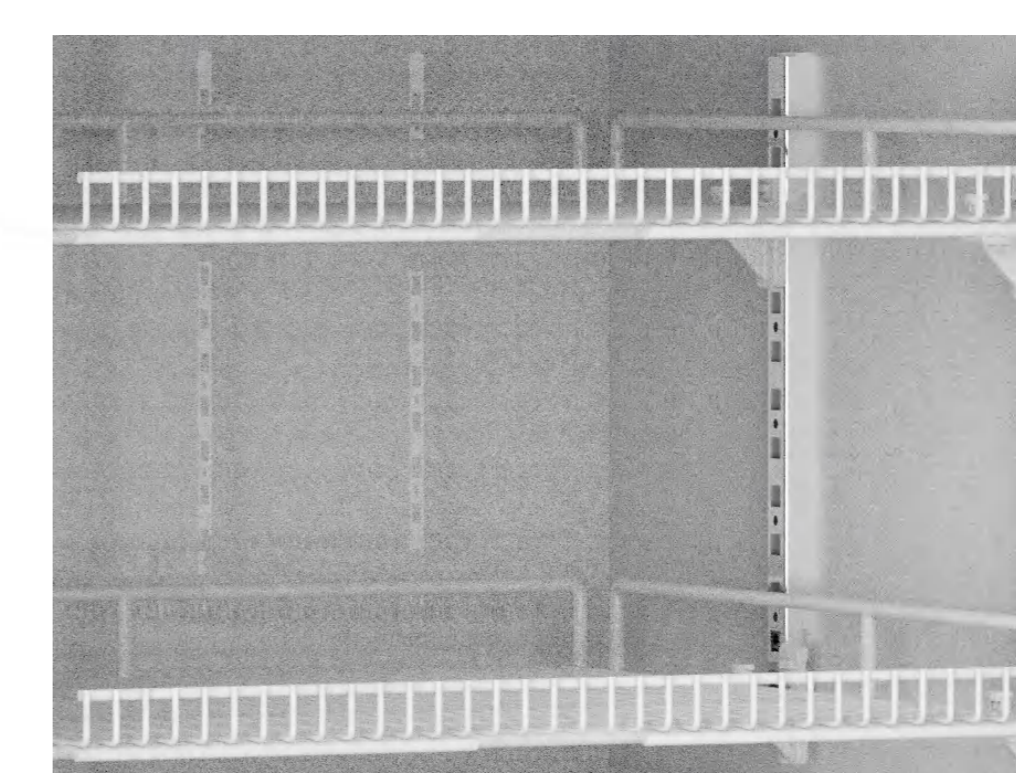
### Alarms system

Multiple alarms for storage security. Self charging battery module to guarantee that the electronic control system is still in full operation 48 hours after power failure.

## Structure



① Temp. Max./Min. Display accuracy of 0.1 °C.

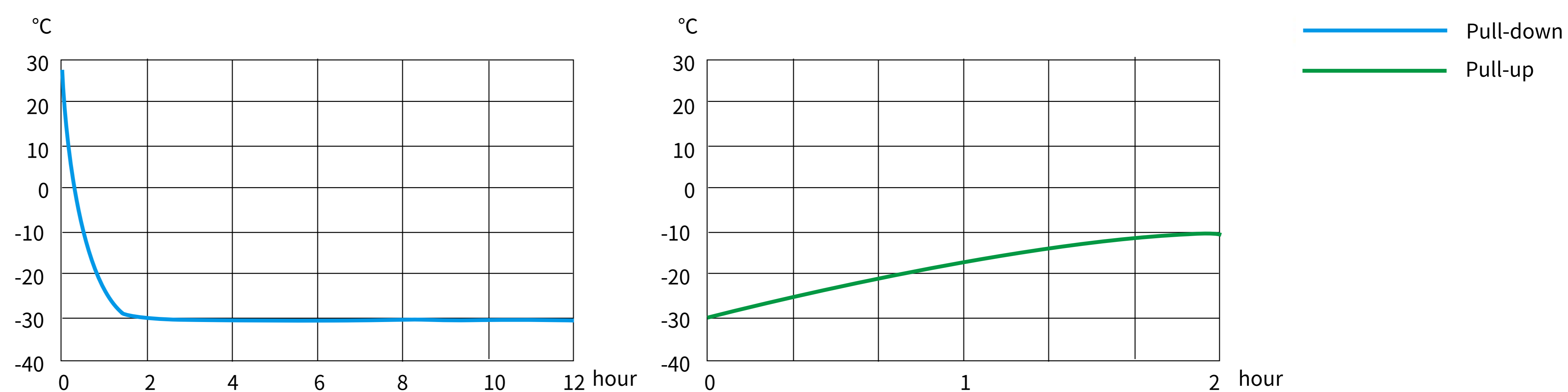


② Standard adjustable wire shelves and basket provides storage flexibility.

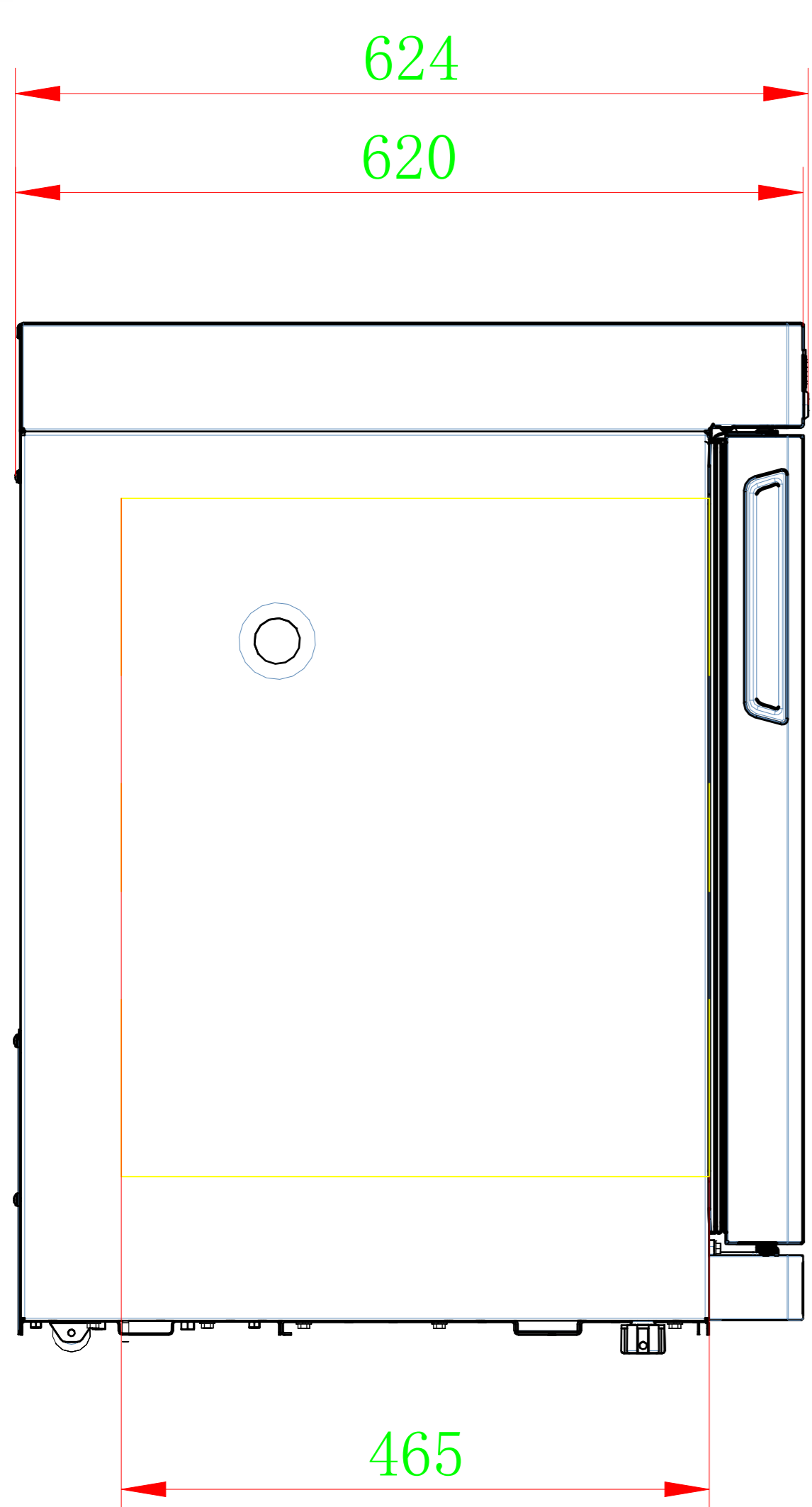
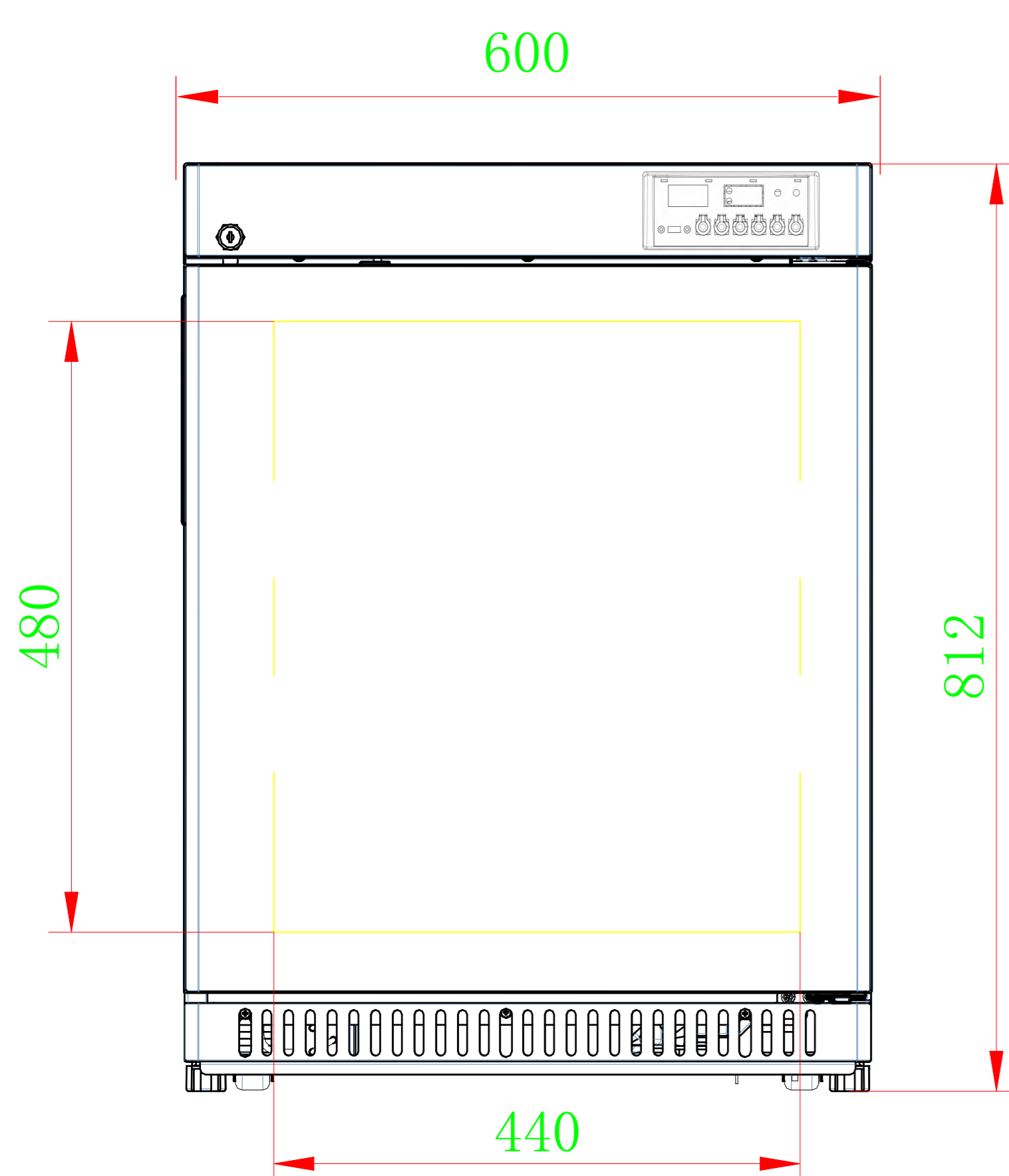


③ Allows freezer working in limited space with outstanding performance.

## Performance curve graph



## Specification



-15~-30°C Freezer	
Model	DW-XL90
Power Supply(V/HZ)	110/60
Capacity	90L/3.18Cu.Ft.
Internal Size (W*D*H) mm/inch	440*465*480/17.3*18.3*18.9
External Size (W*D*H) mm/inch	600*624*812/23.6*24.6*32
Package Size (W*D*H) mm/Inch	662*682*892/26.1*26.9*35.1
NW/GW(kgs)	52/59
Performance	
Temperature Range	-15~-30°C/5°F~-22°F
Ambient Temperature	16~32°C/60.8°F~89.6°F
Climate Class	N
Controller	Microprocessor
Display	Digital display
Noise	44.1dB(A)
Refrigeration	
Compressor	1pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerants	R290
Insulation Thickness(mm)	80
Construction	
External Material	PCM
Inner Material	Sprayed Aluminum Steel
Shelves	2+1 (basket)
Access Test Port	1pc. Ø 23 mm
Casters	2(2 leveling feet)
Interface	Remote alarm contact,RS485
Alarms	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery, Data logger failure
System	Sensor Error,Door Ajar,Data Communication Failure
Electrical Data	
Power Supply(V/HZ)	110V/60Hz
Rated Current (A)	1.7A