

DW-FL90 is equipped with efficient refrigeration system, accurate control system and scientific structural design, energy saving and environmental protection.



DW-FL90



Temp. uniformity



Pulling down to -40°C



Temp. recovery after door opened for 1 min

*Typical freezer data based on internal testing with freezer set point at -40°C and ambient temperature at 22°C.

Features

ABS drawers
3 ABS drawers

Temperature control system
Display temp. in 0.1°C increments

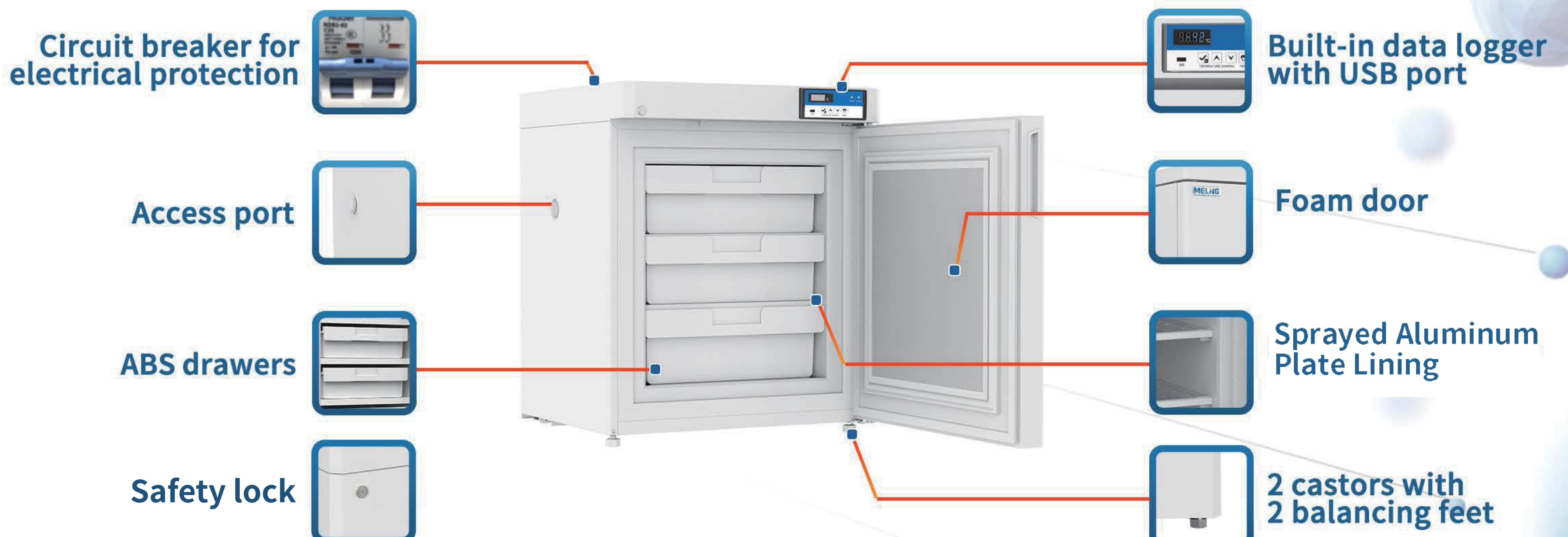
Hydrocarbon refrigerant
Environment-friendly natural gas

CE certificate

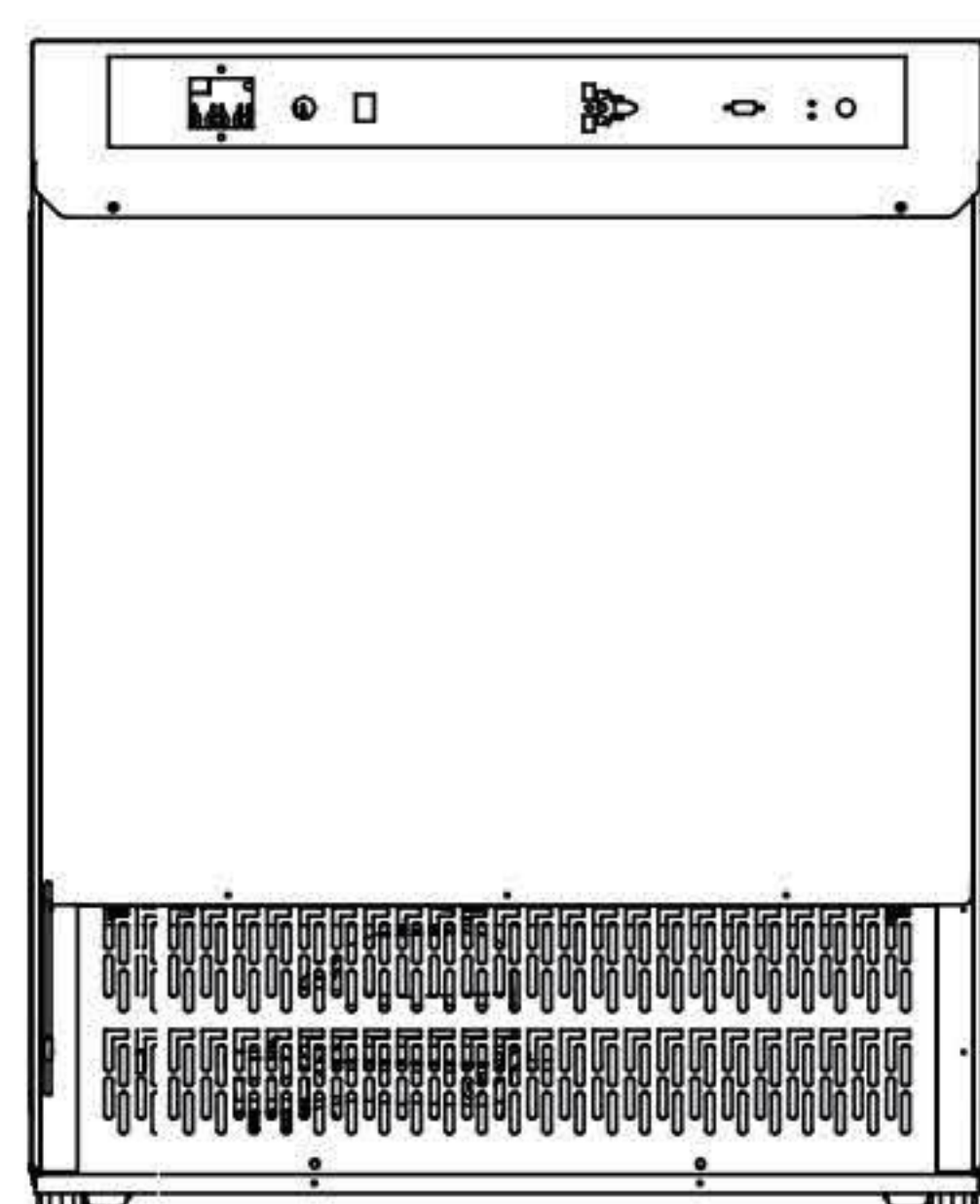
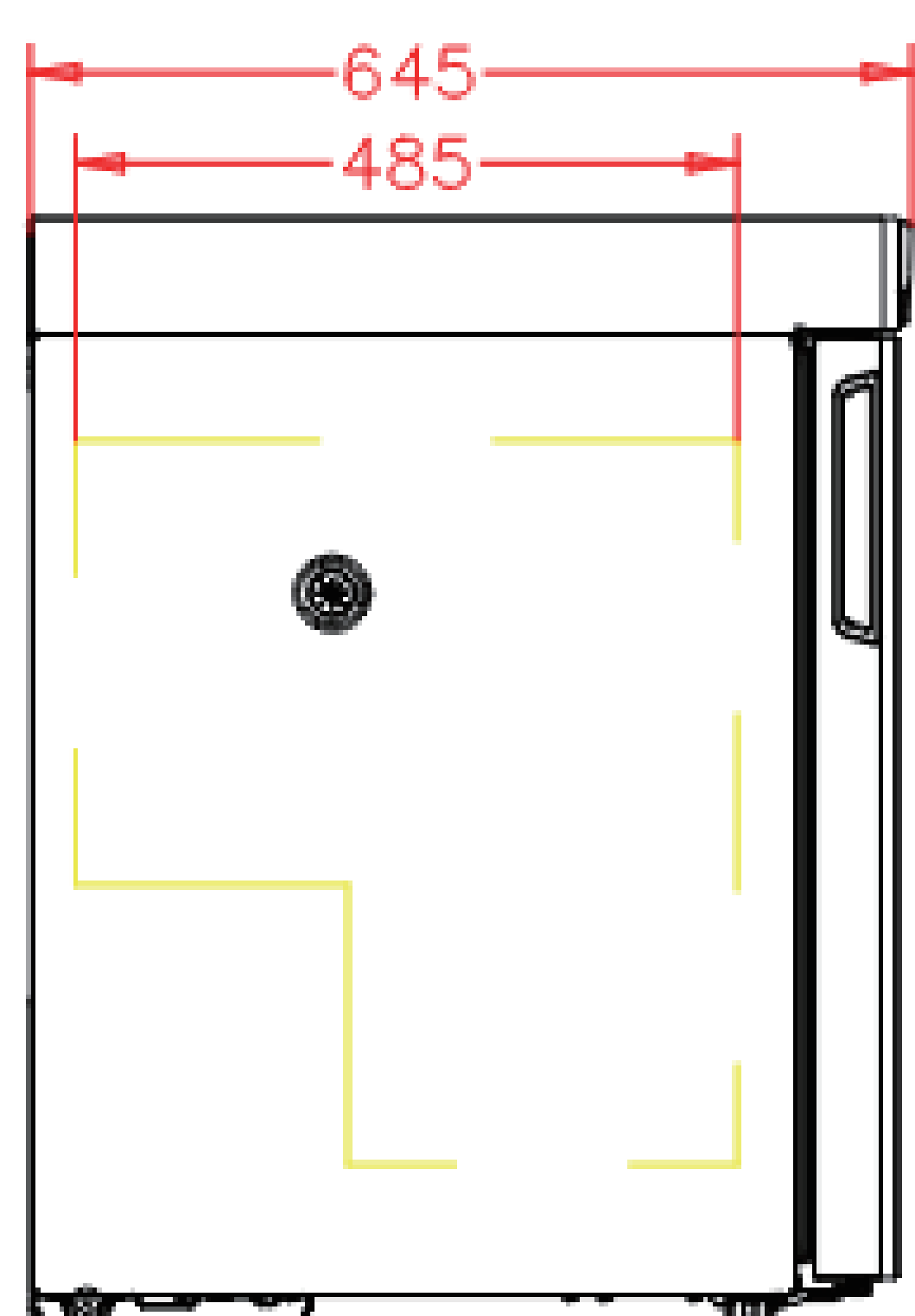
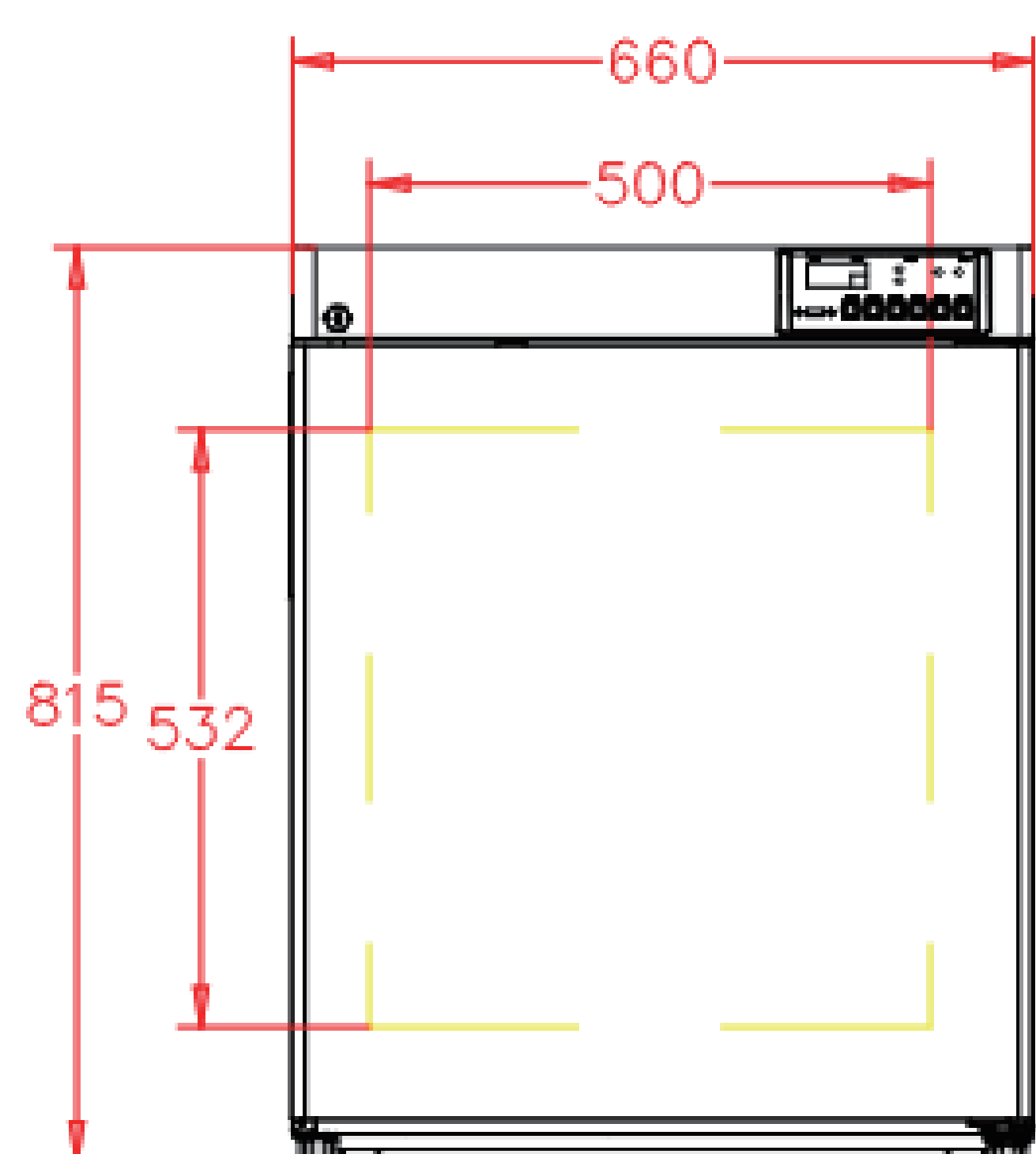
Built-in data logger
Store up to 100,000 groups of temperature data

Alarms system
Multiple alarm functions

Structure



Dimensions



Specification

-40°C Ultra-low Temperature Freezer		
Model	DW-FL90	
Capacity	90/3.18Cu.Ft.	
Drawer size (L*D*H)mm/inch	First drawer: 494*260*181 / 19.4*10.2*7.1 Second/Third drawer: 494*419*165 / 19.4*16.5*6.5	
Internal size (W*D*H) mm/inch	500*485*532 / 19.7*19.1*20.9	
External size (W*D*H) mm/inch	660*645*815 / 25.9*25.3*32.1	
Package size (W*D*H) mm/inch	722*697*890 / 28.4*27.4*35.0	
NW/GW (kgs)	54/67	
Performance		
Temperature range	-20~-40°C	
Ambient temperature	16-32°C	
Cooling performance	-40°C	
Climate class	N	
Controller	Microprocessor	
Display	Digital display	
Refrigeration		
Compressors	1pc	
Cooling method	Direct cooling	
Defrost mode	Manual	
Refrigerants	R290	
Insulation thickness(mm)	D:80, L/R:80, B:76	
Construction		
External material	PCM	
Inner material	Sprayed aluminum plate /Stainless steel (optional)	
Drawer	3(ABS)	
Access test port	1pc. Ø 23 mm	
Casters	2+2 balancing feet	
Data logging/ Interval /Recording time	USB/Record every 10 minutes / 100,000 data	
Interface	Remote alarm contact, RS485	
Backup battery	Yes	
Alarms		
Temperature	High/Low temperature, High ambient temperature	
Electrical	Power failure, Low battery Data logger failure	
System	Sensor Error, Data Communication Failure, Door Ajar	
Electrical Data		
Power supply(V/Hz)	220-240V/50Hz	110V/60Hz
Rated current (A)	1.33A	4.19A