

Performance tests **ULT U100**

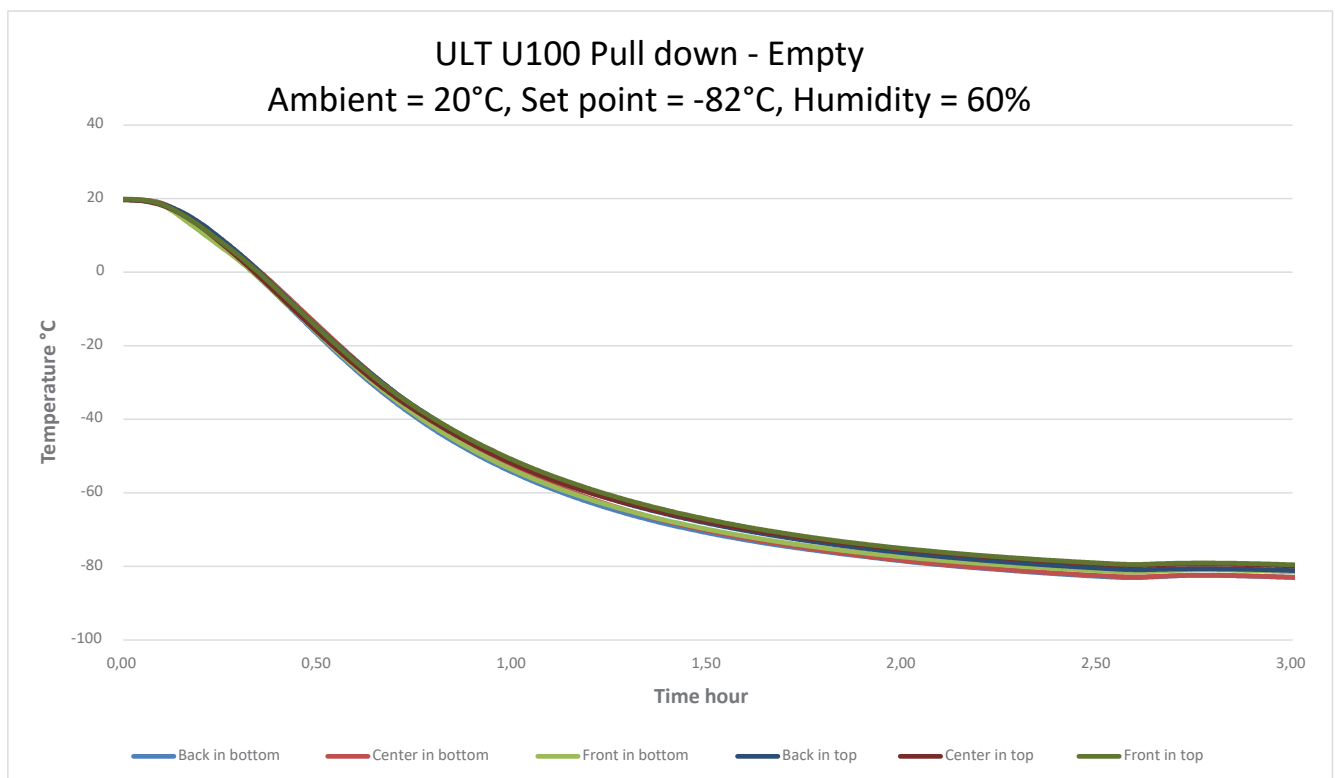
- Pull down from ambient temperature - empty
- Cyclic operation - empty
- Door open - empty
- Pull up time - empty
- Pull up time - full



Pull down test from ambient temperature – ULT U100

Test Conditions:

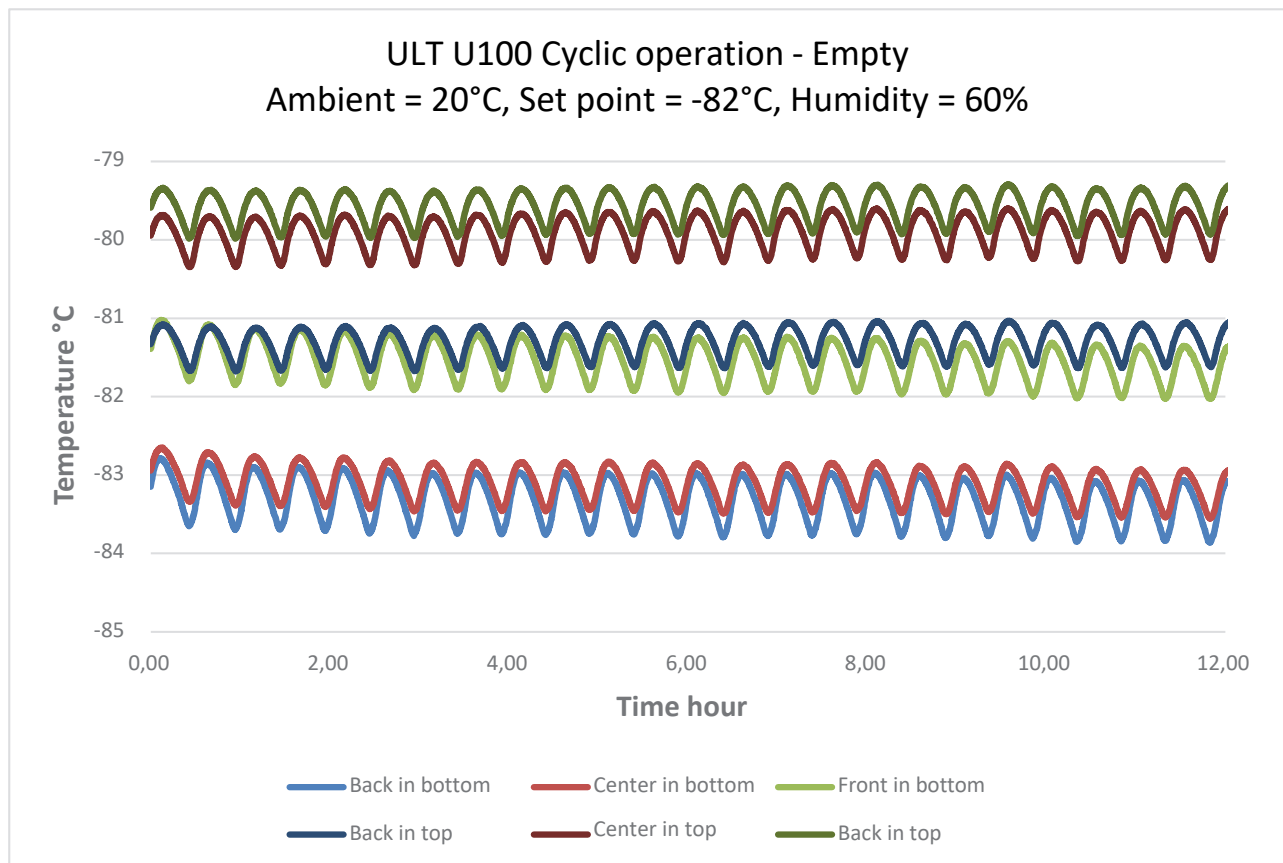
Model:	ULT U100
SN:	64938807
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-82°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 points measure distributed diagonal in the cabinet layers. Sensors a placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R



Cyclic operation – ULT U100

Test Conditions:

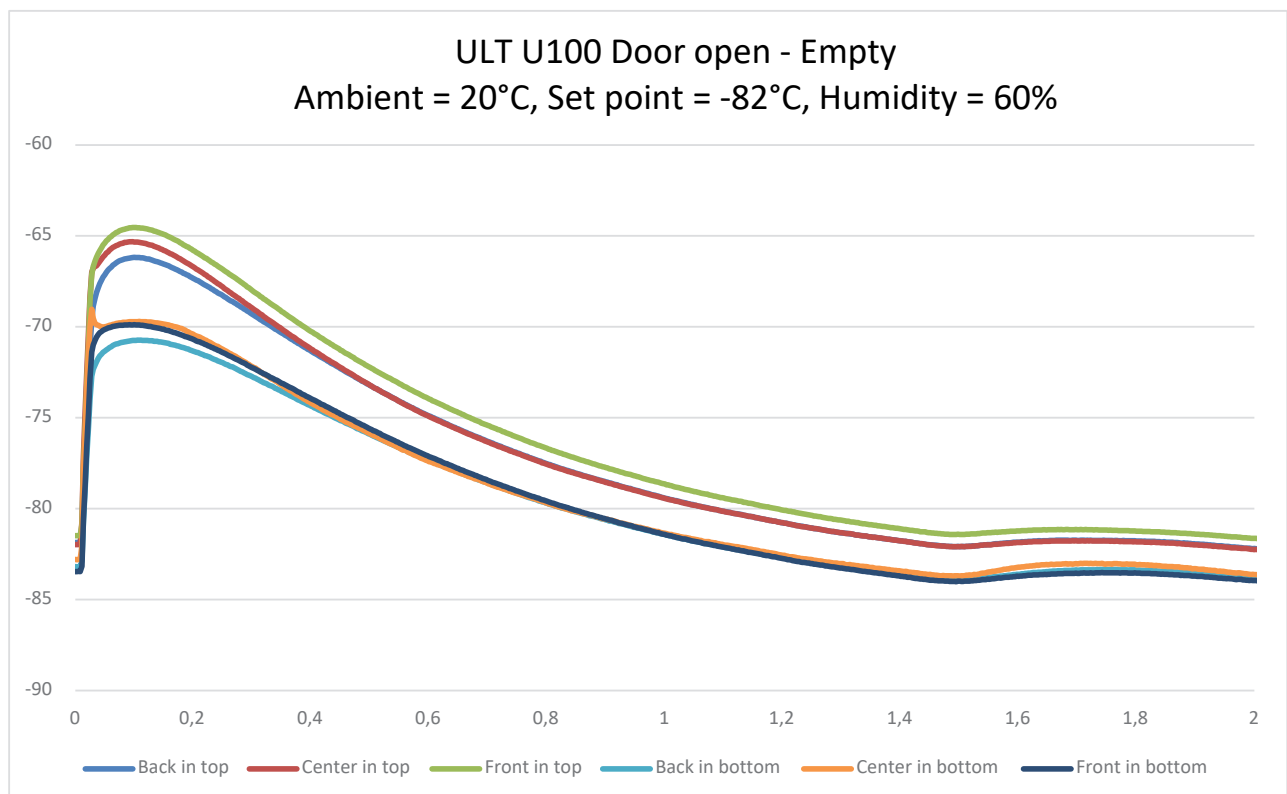
Model:	ULT U100
SN:	64938807
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-82°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 points measure distributed diagonal in the cabinet layers. Sensors a placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R



Door open 1 minute – ULT U100

Test Conditions:

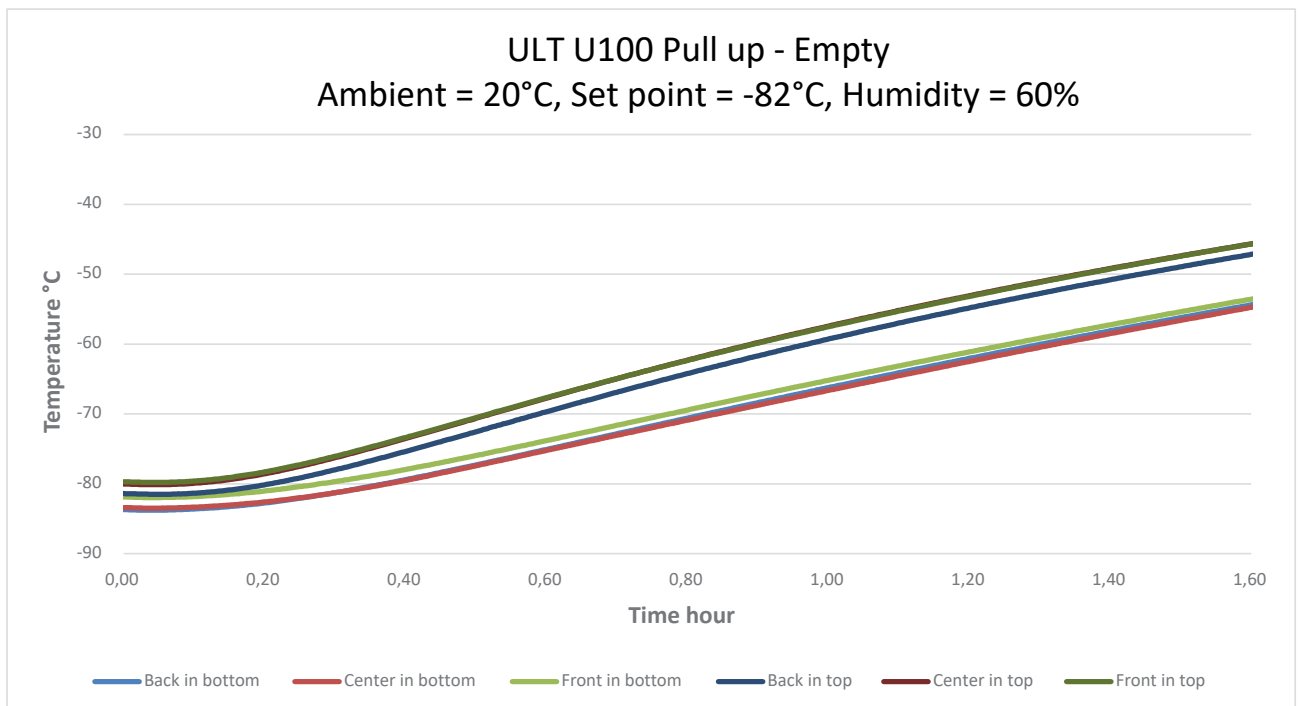
Model:	ULT U100
SN:	64938807
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-82°C
Cabinet load:	None
Door openings:	1 in 1 minute
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 points measure distributed diagonal in the cabinet layers. Sensors a placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R



Pull up time from -82°C to -60°C – ULT U100

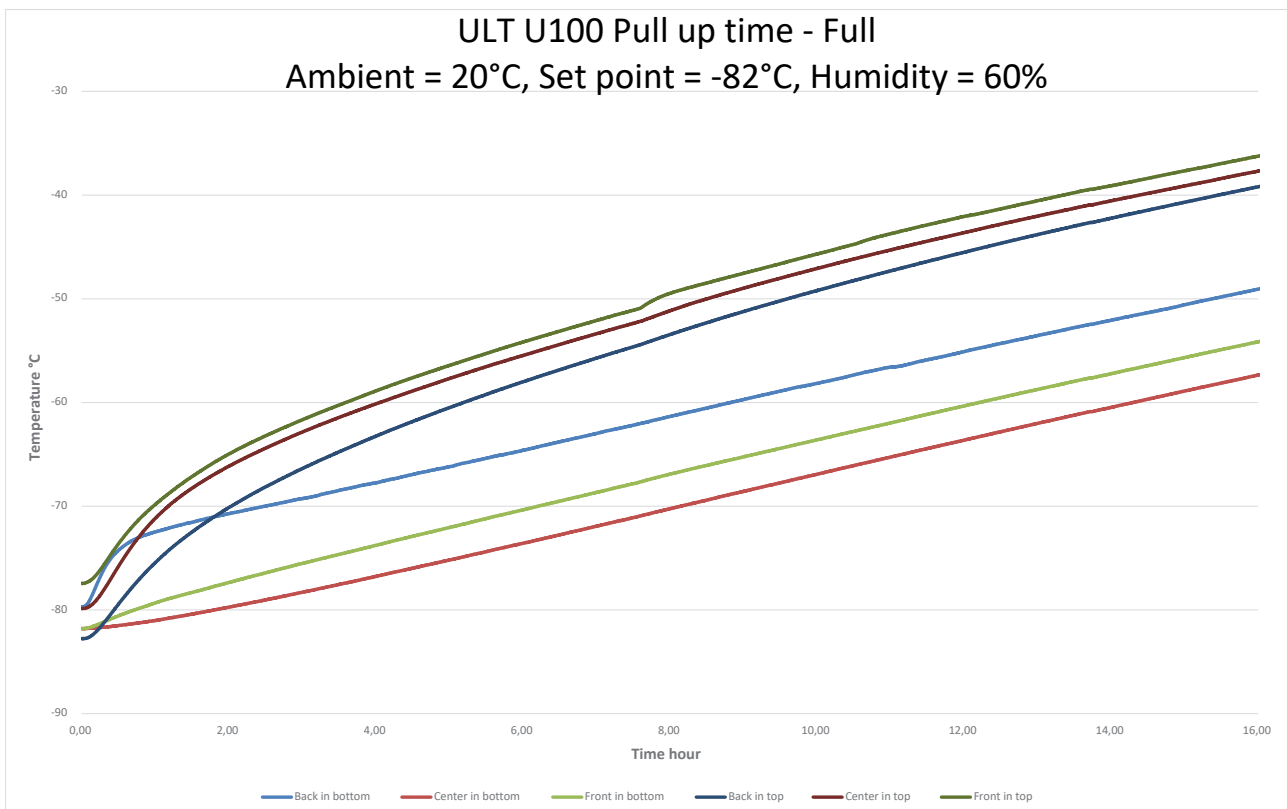
Test Conditions:

Model:	ULT U100
SN:	64938807
Test environment:	Controlled conditions
Ambient temperatur:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-82°C
Cabinet load:	None
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 points measure distributed diagonal in the cabinet layers. Sensors a placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R



Test Conditions:

Model:	ULT U100
SN:	64938807
Test environment:	Controlled conditions
Ambient temperature:	+20°C ± 1°C
Ambient humidity:	60% ± 5%
Temperature set-point in cabinet:	-82°C
Cabinet load:	Full
Door openings:	None
Sensors used:	25g tinned brass formed as a cylinder with diameter of 15.2mm
Sensors position:	6 points measure distributed diagonal in the cabinet layers. Sensors are placed with one in front where the door opens, one in the middle and one in the back opposite of the front sensor
Installation:	Appliance installed according to the instruction manual condition
Refrigerant:	Nature R



Contact Out Sales Team for More Information on the ULT U100!