



Control Panel



Printer



Door Lock

### Features and Specifications

- Upright type
- Inside temperature ranging from -10°C to -86°C can be set freely, controlling precision is 1°C
- Stainless steel inner door
- Supplied with access port as standard
- Heated door seal prevents ice build-up
- Efficient and well distributed evaporator with maximum contact with walls provides fast cool down
- Stainless steel interior, exterior is powder coated steel panel
- Front opening lockable door with full height handle
- 155mm foaming insulation (DW-HL538 is 100mm with VIP board) (DW-HL100 is 120mm)
- Vacuum-release port
- Inner 3 shelves, four compartments with stainless steel inner door (DW-HL218 and DW-HL100 are 2 shelves, three compartments)
- Imported Danfoss compressor, two compressors parallel connection, to reduce noise and improve cooling
- 2-4 hours to come to -86°C, quick pull-down time
- Fan electromotor from internationally famous EBM of Germany
- Microprocessor-based temperature control system, platinum resistance sensors
- Digital temperature display
- Keyboard lock and password protected configuration page
- Audible and visual alarm system:  
High or low temperature alarm, Power failure alarm, Low battery alarm, Door ajar alarm, Filter blocking alarm, System failure alarm
- Supplied with temperature printer, record 7 days data
- 72 hour battery backup for printer and controller display
- 4 units casters for easy mobility
- Mixture gas with R134a, R404a, R23, R24, N2, R600a and more, CFC free
- Certificates: CE mark for DW-HL538, ISO9001, ISO14001, ISO13485
- Power supply: 220-240 VAC, 50 Hz, 1 phase
- Optional: remote central control system, 7-day chart recorder, CO<sub>2</sub> back up, storage racks, boxes

### Specifications

Model	Capacity	External size (W x D x H) mm	Internal size (W x D x H) mm	Input power	Weight (Net / Gross)	Racks / Freezer	2" Cryo-box
DW-HL218	218 litres	940x840x1552	582x470x768	1000W	225/250KG	6 racks	20 boxes / rack
DW-HL388	388 litres	940x840x1999	600x538x1200	1800W	330/360KG	12 racks	20 boxes / rack
DW-HL538 (CE mark)	538 litres	940x840x1999	650x600x1345	2000W	360/380KG	16 racks	20 boxes / rack
DW-HL828	828 litres	1230x996x2056	930x710x1323	3200W	420/450KG	24 racks	30 boxes /rack

Model	Capacity	External size (W x D x H) mm	Internal size (W x D x H) mm	Input power	Weight (Net / Gross)
DW-HL100	100 litres	720 x 1000 x 793	450 x 450 x 500	1000W	225/250KG

All specifications are subject to change without prior notice.