



Haier Biomedical

-86°C ULT Freezer



Specifications

Model		DW-86L338J		DW-86L338JA	DW-86L388J	DW-86L486E	DW-86L490J	DW-86L490JA	DW-86L578J	DW-86L578JA	DW-86L628E
Technical Data	Cabinet Type	Upright			Upright	Upright	Upright		Upright		Upright
	Climate Class	N			N	N	N		N		N
	Cooling Type	Direct cooling			Direct cooling	Direct cooling	Direct cooling		Direct cooling		Direct cooling
	Defrost Mode	Manual			Manual	Manual	Manual		Manual		Manual
	Refrigerant	HC			HC	HC	HC		HC		HC
Performance	Sound level (dBA)	50			50	49	50		50		49
	Cooling Performance (°C)	-86			-86	-86	-86		-86		-86
Control	Temperature Range (°C)	-40 ~ -86			-40 ~ -86	-40 ~ -86	-40 ~ -86		-40 ~ -86		-40 ~ -86
	Controller	Microprocessor			Microprocessor	Microprocessor	Microprocessor		Microprocessor		Microprocessor
Electrical Data	Display	LED			LED	LED	LED		LED		LED
	Power Supply (V/Hz)	220 ~ 240/50	115/60	208 ~ 230/60	220 ~ 240/50	220 ~ 240/50	220 ~ 240/50	208 ~ 230/60	220 ~ 240/50	120/60	208 ~ 230/60
	Power (W)	650	700	1000	650	1000	900	1000	750	1000	1000
	Electrical Current (A)	7.5	12	7.5	5	10	8	8	7.5	12	9
Dimensions	Capacity (L/Cu.Ft)	338/11.9			388/13.7	486/17.1	490/17.3		578/20.4		628/22.1
	Net/Gross Weight (kg)	258/278			255/286	290/310	295/335		300/330		301/323
	Net/Gross Weight (lbs)	524.7/612.9			562.2/630.5	639.3/683.4	650.4/738.5		661.4/727.5		664.0/712.0
	Interior Dimension (mm)	465*630*1165			465*716*1310	590*630*1310	590*630*1310		620*716*1310		760*630*1310
	Interior Dimension (W*D*H) in	18.3*24.8*45.9			18.3*28.2*51.6	23.3*24.8*51.6	23.2*24.8*51.6		24.4*28.2*51.6		29.9*24.8*51.6
	Exterior Dimension (mm)	830*893*1846			812*980*1980	945*900*1980	860*900*1980		903*980*1960		1035*900*1980
	Exterior Dimension (W*D*H) in	32.7*35.2*72.7			31.2*38.6*78.0	37.2*35.4*78.0	33.9*35.4*78.0		35.6*38.6*77.2		40.7*35.4*78.0
	Packing Dimension (mm)	875*970*2010			893*1078*2135	995*995*2150	925*985*2150		950*1055*2125		1080*965*2150
Others	Packing Dimension (W*D*H) in	34.4*38.2*79.1			35.2*42.4*84.1	39.2*39.2*84.6	36.4*38.8*84.6		37.4*41.5*83.7		42.5*38.0*84.6
	Container/load (20/40/40)H	12/24/24			12/24/24	12/24/24	12/24/24		12/24/24		12/24/24
Alarms	High/Low Temperature	Y			Y	Y	Y		Y		Y
	Hot Condenser	Y			Y	Y	Y		Y		Y
	Power Failure	Y			Y	Y	Y		Y		Y
	High/Low Voltage	N/A			N/A	N/A	N/A		N/A		N/A
	Sensor Error	Y			Y	Y	Y		Y		Y
	Low Battery	Y			Y	Y	Y		Y		Y
	High Ambient Temperature	Y			Y	Y	Y		Y		Y
	Door Ajar	Y			Y	Y	Y		Y		Y
Accessories	Caster	Y			Y	Y	Y		Y		Y
	Foot	Y			Y	Y	Y		Y		Y
	Porthole	Y/2			Y/2	Y/2	Y/2		Y/2		Y/2
	Shelves/Inner doors	3/2			3/2	3/4	3/4		3/4		3/4
	USB interface	Y			Y	Y	Y		Y		Y
	Remote Alarm (Dry contacts)	Y			Y	Y	Y		Y		Y
	5V Power Supply Port	Y			Y	Y	Y		Y		Y
	Temperature Recorder	Optional			Optional	Optional	Optional		Optional		Optional
	RS232/485 Port	Optional			Optional	Optional	Optional		Optional		Optional
	CO ₂ Backup System	Optional			Optional	Optional	Optional		Optional		Optional
Others	LN2 Backup System	Optional			Optional	Optional	Optional		Optional		Optional
	Certification	CE	UL		CE	CE	CE	UL	CE,ENERGY STAR	UL,ENERGY STAR	UL

* Product appearance and specifications are subject to change without notice
DW-86L338J/490J/578/628/559 stainless steel interior optional