



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													
	Climate Class	N						N						N				N													
	Cooling Type	Direct cooling						Direct cooling						Direct cooling				Direct cooling													
	Defrost Mode	Manual						Manual						Manual				Manual													
	Refrigerant	HC						HC						HC				HC													
	Sound level (dB(A))	50						50						49				50													
Performance	Cooling Performance (°C)	-86						-86						-86				-86													
	Temperature Range (°C)	-40~-86						-40~-86						-40~-86				-40~-86													
Control	Controller	Microprocessor						Microprocessor						Microprocessor				Microprocessor													
	Display	LED						LED						LED				LED													
Electrical Data	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		220~240/50									
	Power (W)	650		700	1000		650			1000			900		1000		750		1000	1000		1200									
	Electrical Current (A)	7.5		12	7.5		5			10			8		8		7.5		12	9		11									
Dimensions	Capacity (L/Cu.Ft)	338/11.9						388/13.7						486/17.1						490/17.3				578/20.4				626/22.1			
	Net/Gross Weight (approx)	kg		238/278		255/286		290/310		290/310		290/310		295/335		300/330		300/330		300/330		301/323		301/323							
		lbs		524.7/612.9		562.2/630.5		639.3/683.4		639.3/683.4		639.3/683.4		650.4/738.5		661.4/727.5		661.4/727.5		661.4/727.5		664.0/712.0		664.0/712.0							
	Interior Dimension (W*D*H)	mm		465*630*1165		465*716*1310		590*630*1310		590*630*1310		590*630*1310		590*630*1310		620*716*1310		620*716*1310		620*716*1310		760*630*1310		760*630*1310							
		in		18.3*24.8*45.9		18.3*28.2*51.6		23.3*24.8*51.6		23.3*24.8*51.6		23.3*24.8*51.6		23.2*24.8*51.6		24.4*28.2*51.6		24.4*28.2*51.6		24.4*28.2*51.6		29.9*24.8*51.6		29.9*24.8*51.6							
	Exterior Dimension (W*D*H)	mm		830*893*1846		812*980*1980		945*900*1980		945*900*1980		945*900*1980		860*900*1980		903*980*1960		903*980*1960		903*980*1960		1035*900*1980		1035*900*1980							
		in		32.7*35.2*72.7		31.2*38.6*78.0		37.2*35.4*78.0		37.2*35.4*78.0		37.2*35.4*78.0		33.9*35.4*78.0		35.6*38.6*77.2		35.6*38.6*77.2		35.6*38.6*77.2		40.7*35.4*78.0		40.7*35.4*78.0							
Packing Dimension (W*D*H)	mm		875*970*2010		893*1078*2135		995*995*2150		995*995*2150		995*995*2150		925*985*2150		950*1055*2125		950*1055*2125		950*1055*2125		1080*965*2150		1080*965*2150								
	in		34.4*38.2*79.1		35.2*42.4*84.1		39.2*39.2*84.6		39.2*39.2*84.6		39.2*39.2*84.6		36.4*38.8*84.6		37.4*41.5*83.7		37.4*41.5*83.7		37.4*41.5*83.7		42.5*38.0*84.6		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										
Alarms	High/Low Temperature	Y						Y						Y				Y													
	Hot Condenser	Y						Y						Y				Y													
	Power Failure	Y						Y						Y				Y													
	High/Low Voltage	N/A						N/A						N/A				N/A													
	Sensor Error	Y						Y						Y				Y													
	Low Battery	Y						Y						Y				Y													
	High Ambient Temperature	Y						Y						Y				Y													
	Door Ajar	Y						Y						Y				Y													
Accessories	Caster	Y						Y						Y				Y													
	Foot	Y						Y						Y				Y													
	Porthole	Y/2						Y/2						Y/2				Y/2													
	Shelves/Inner doors	3/2						3/2						3/4				3/4													
	USB Interface	Y						Y						Y				Y													
	Remote Alarm (Dry contacts)	Y						Y						Y				Y													
	5V Power Supply Port	Y						Y						Y				Y													
	Temperature Recorder	Optional						Optional						Optional				Optional													
	RS232/485 Port	Optional						Optional						Optional				Optional													
	CO ₂ Backup System	Optional						Optional						Optional				Optional													
LN ₂ Backup System	Optional						Optional						Optional				Optional														
Others	Certification	CE		UL		CE		CE		CE		CE		UL		CE,ENERGYSTAR		UL,ENERGYSTAR		UL		CE									

· Product appearance and specifications are subject to change without notice
 · DW-86L338J/490J/578/628/959 stainless steel interior optional

**Specifications**

	Model	DW-86L728J			DW-86L728JA		DW-86L828J		DW-86L828JA		DW-86L100J		DW-86W100J		DW-86W420J		DW-86W420JA			
Technical Data	Cabinet Type	Upright						Upright				Upright		Chest		Chest				
	Climate Class	N						N				N		N		N				
	Cooling Type	Direct cooling						Direct cooling				Direct cooling		Direct cooling		Direct cooling				
	Defrost Mode	Manual						Manual				Manual		Manual		Manual				
	Refrigerant	HC						HC				HC		HC		HC				
	Sound level (dB(A))	50						50		51.5		46.8		49		50				
Performance	Cooling Performance (°C)	-86						-86				-86		-86		-86				
	Temperature Range (°C)	-40 ~ -86						-40 ~ -86				-40 ~ -86		-40 ~ -86		-40 ~ -86				
Control	Controller	Microprocessor						Microprocessor				Microprocessor		Microprocessor		Microprocessor				
	Display	LED						LED				LED		LED		LED				
Electrical Data	Power Supply (V/Hz)	220~240/50		120/60		208~230/60		220~240/50		208~230/60		220~240/50		120/60		220~240/50		220~240/50 208~230/60		
	Power (W)	1000		1000		1000		1000		1100		680		680		550		1000		
	Electrical Current (A)	10		18		10		10		10		3		6.5		4		7.5		
Dimensions	Capacity (L/Cu.Ft)	728/25.7						828/29.2				100/3.5		100/3.5		420/14.8				
	Net/Gross Weight (approx)	kg	345/385						380/410				108/132		138/160		310/357			
		lbs	760.6/848.8						837.7/903.9				238/291		304.2/352.7		683.4/787.0			
	Interior Dimension (W*D*H)	mm	766*716*1310						870*716*1310				330*481*630		470*450*480		1367*462*652			
		in	30.2*28.2*51.6						34.3*28.2*51.6				13*19*25		18.5*17.7*18.9		53.8*18.2*25.7			
	Exterior Dimension (W*D*H)	mm	1049*980*1980						1145*980*1980				770*660*810		769*825*1120		2130*870*1020			
		in	41.3*38.6*78.0						45.1*38.6*78.0				30*26*32		30.3*32.5*44.1		83.9*34.3*40.2			
Packing Dimension (W*D*H)	mm	1090*1050*2150						1190*1045*2150				830*710*970		845*855*1250		2195*895*1130				
	in	42.9*41.3*84.6						46.9*41.1*84.6				32*28*38.5		33.3*33.7*49.2		90.6*38.2*45.8				
	Container load (20'/40'/40'H)	12/20/20						8/20/20				44/88/88		12/24/48		6/12/24				
Alarms	High/Low Temperature	Y						Y				Y		Y		Y				
	Hot Condenser	Y						Y				Y		Y		Y				
	Power Failure	Y						Y				Y		Y		Y				
	High/Low Voltage	N/A						N/A				Y		N/A		N/A				
	Sensor Error	Y						Y				Y		Y		Y				
	Low Battery	Y						Y				Y		Y		Y				
	High Ambient Temperature	Y						Y				Y		Y		Y				
	Door Ajar	Y						Y				Y		Y		Y				
Accessories	Caster	Y						Y				Y		Y		Y				
	Foot	Y						Y				Y		Y		Y				
	Porthole	Y/2						Y/2				Y/1		Y/1		Y/1				
	Shelves/Inner doors	3/4						3/4				1/2		-/1		-/3				
	USB Interface	Y						Y				Y		Y		Y				
	Remote Alarm	Y						Y				Y		Y		Y				
	5V Power Supply Port	Y						Y				Y		N/A		N/A				
	Temperature Recorder	Optional						Optional				/		Optional		Optional				
	Rs232/485 Interface	Optional						Optional				-/Y		Optional		Optional				
	CO ₂ Backup System	Optional						Optional				Optional		Optional		Optional				
LN ₂ Backup System	Optional						Optional				Optional		Optional		Optional					
Others	Certification	CE,ENERGY STAR			UL			CE,ENERGY STAR		UL		CE		UL		CE		UL		

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