



ColdFAST

COLDFAST U 528S



DASITGROUP

CARLO ERBA

REAGENTS

Technical specifications

ColdFAST U 528S

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Model	Type of Construction	Upright	
	Capacity (l)	528	
	Inner Dimensions (W x D x H) mm	585 x 696 x 1266	
	Outer Dimensions (W x D x H) mm	930 x 1041 x 1947	
	Package Dimensions (W x D x H) mm	1035 x 1165 x 2158	
	Net / Gross Weight (kgs)	260 / 350	
Performance	Cooling Performance (°C)	-86	
	Temperature Range (°C)	-40 ~ -86	
	Ambient Temperature (°C)	16 ~ 32	
	Climate Class	N	
	Sound Level (dB(A))	44	
	Controller	Microprocessor	
	Display	10" HD Intelligent Touch Screen	
Refrigeration	Compressor	2 pcs (Inverter technology)	
	Cooling Mode	Direct Cooling / Double Cascade	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Insulation Thickness (mm)	130	
	Construction	External Material	Cold Rolled Steel Sheet
Inner Material		Stainless Steel	
Shelves		3 (Stainless Steel)	
Inner doors		2 (optional: 4)	
Door Lock		Yes, with key	
Padlock		Yes	
Access Test Port		2 pcs. Ø 25 mm	
Casters		4 + (2 leveling feet)	
Data Logging / Time / Duration		USB / Record Every 5 Minutes / 10 Years	
Backup Battery		Yes	
WiFi		Yes	
Alarm		Temperature	High / Low Temperature, High Ambient Temperature
		Electrical	Power Failure, Low Battery
	System	Sensor Failure, Main Board Communication Error, Condenser Overheating, Door Ajar	
Electrical Data	Power Supply (V/HZ)	110 - 230 / 50 - 60	
	Rated Power (W)	650	
	Current Consumption (KWh/24h) at 20°C ambient room temperature	7,8	
	Electrical Current (A)	4,5	
Accessories	Standard	RS485, Remote Alarm Contact	
	Options	Chart-Recorder, CO ₂ -Backup-System, Thermal-Printer, Bluetooth-Printer, Finger-Print or RFID-Chip, Racks, Boxes & Tubes	

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