

High efficiency, energy saving and low noise

Danfoss All-in-one condensing unit

Adopt Danfoss core parts, strictly control product design and production process, and pass Danfoss audit standards

The unit range is 4-10hp, which can meet low temperature requirement of commercial refrigeration and cold storage



ENGINEERING
TOMORROW

Danfoss



R404A low temperature All-in-one condensing unit parameters table

Unit horsepower		4HP	5HP	6HP	8HP	10HP
CONDENSING UNIT	Power supply	380V/3/50Hz				
	Evaporation temp range	-40℃ ~ -10℃				
	Model	BF-CUC0400LY	BF-CUC0500LY	BF-CUC0600LY	BF-CUC0800LY	BF-CUC01000LY
	Nominal condition performance	Capacity	4kw	4.9kw	5.7kw	7.3kw
		COP	≥1.33	≥1.4	≥1.4	≥1.38
	Compressor	Type	Danfoss scroll compressor			
		Model	LLZ013T4	LLZ015T4	LLZ018T4	LLZ024T4
		Locked rotor Amps (LRA)	62A	88.5A	90A	95A
		Maximum operating current (MOC)	8A	9.8A	11.8A	15A
	Fan motor	Quantity	1 X 500mm	1 X 500mm	2 X 400mm	2 X 500mm
		Total power	415W	415W	240W × 2	415W × 2
		Power supply	380V-415V/3/50Hz			
	Connecting pipe diameter	Suction	Φ22	Φ22	Φ22	Φ28
		Liquid	Φ10	Φ12	Φ12	Φ16
	External drawing	Number	A1		A2	A3
	Net weight		105 Kg	125 Kg	130 Kg	175 Kg
Nominal condition: Evaporation temp -25℃, ambient temp 32℃, Return superheat 18K, have super cooling						

Danfoss All-in-one condensing unit

- Increase the heat dissipation area and fan air volume to achieve efficient heat transfer, save electricity, and easily cope with bad working conditions in summer
- Thicken sheet metal, flexible pipeline design, reduce unit vibration



- Anticorrosive galvanized plate + electrostatic spray, durable corrosion resistance, not easy to scratch deformation, prolong the service life

Adopt Danfoss core components



Scroll compressor

Special compressor for cold storage, low failure rate, energy saving



Solenoid valve

500 thousand times switch, long life, seconds kill other brands, strict control of refrigerant on and off



Pressure protection switch

The force proportional action and double layer pressure control bellows protect the safety of the unit



Dry filter

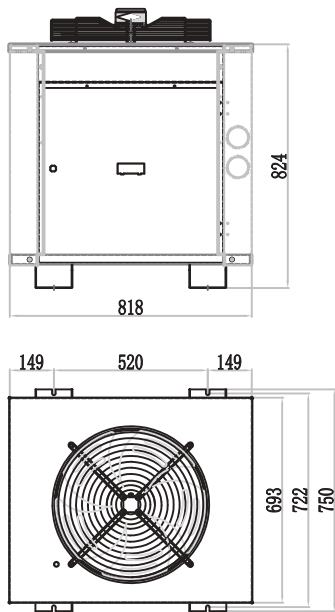
Water absorption speed, high ability, high filtration efficiency, corrosion resistance, impurities and water nowhere to escape



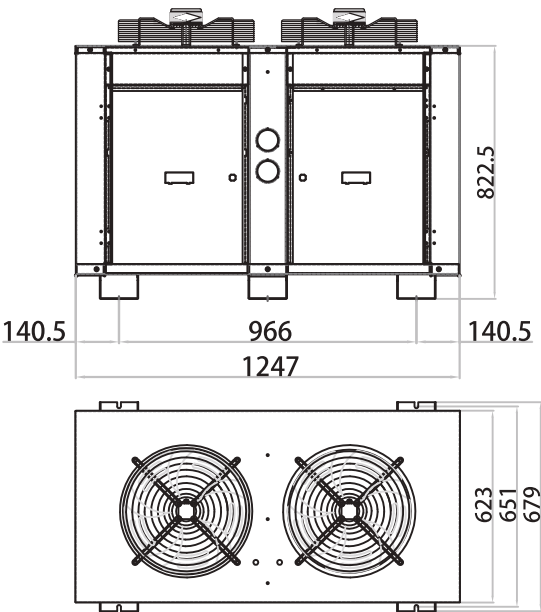
Sight glass

Effectively control the refrigerant filling volume of the system to ensure reliability

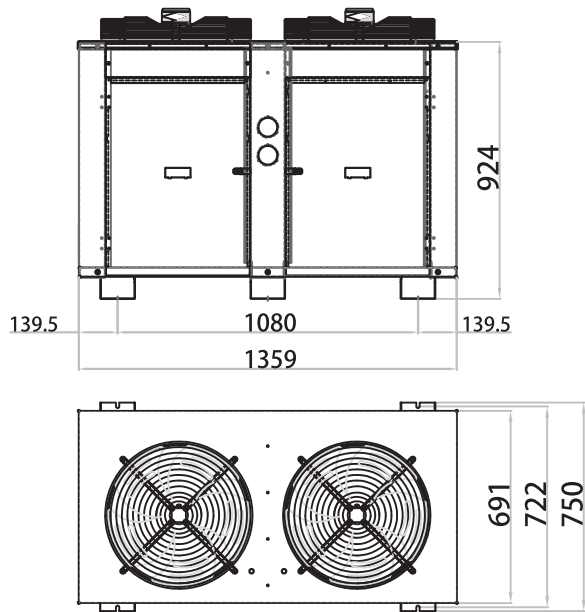
Unit overall drawing



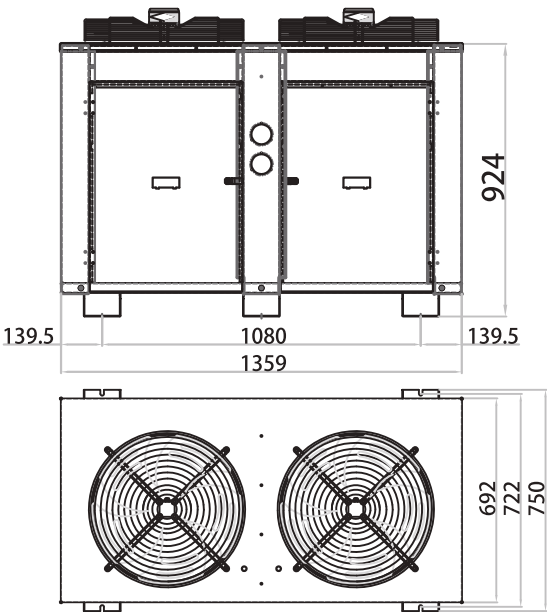
(A1)



(A2)



(A3)



(A4)

Application field

Vegetables fresh storage



Fruit cold storage



Vaccine cold storage



Acid discharge cold storage



Manufacturer: Zhejiang Beifeng Refrigeration Equipment Co.,Ltd
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