

**FASTER COOLING \* ENERGY SAVING**

# MONOBLOCK FREEZER CONDENSING SYSTEM



**INTERGRATED REFRIGERATION UNIT**

The **COPE** Monoblock Refrigerant Unit is a revolutionary all-in-one solution designed for freezer and cold room applications. Unlike traditional condensing systems, this compact unit integrates both the evaporator and condenser into a single body, eliminating the need for external condenser installations. This not only simplifies the setup process but also significantly reduces installation time and labor costs.

Engineered for rapid temperature pull-down and enhanced energy efficiency, the Monoblock Unit delivers consistent, high-performance cooling—making it an ideal choice for commercial and industrial refrigeration systems seeking reliability, space-saving design, and reduced operating costs.

## Features:



High Cooling Efficiency  
Reached -18°C in 30 Minutes



Eco-Friendly Refrigerant



Energy Efficient Balanced Design



GI Sheet Metal With  
Powder Coating Casing



All-in-ONE design provide easy  
installation



Factory compliance with Europe-CE  
and China-CCC Certified Standards



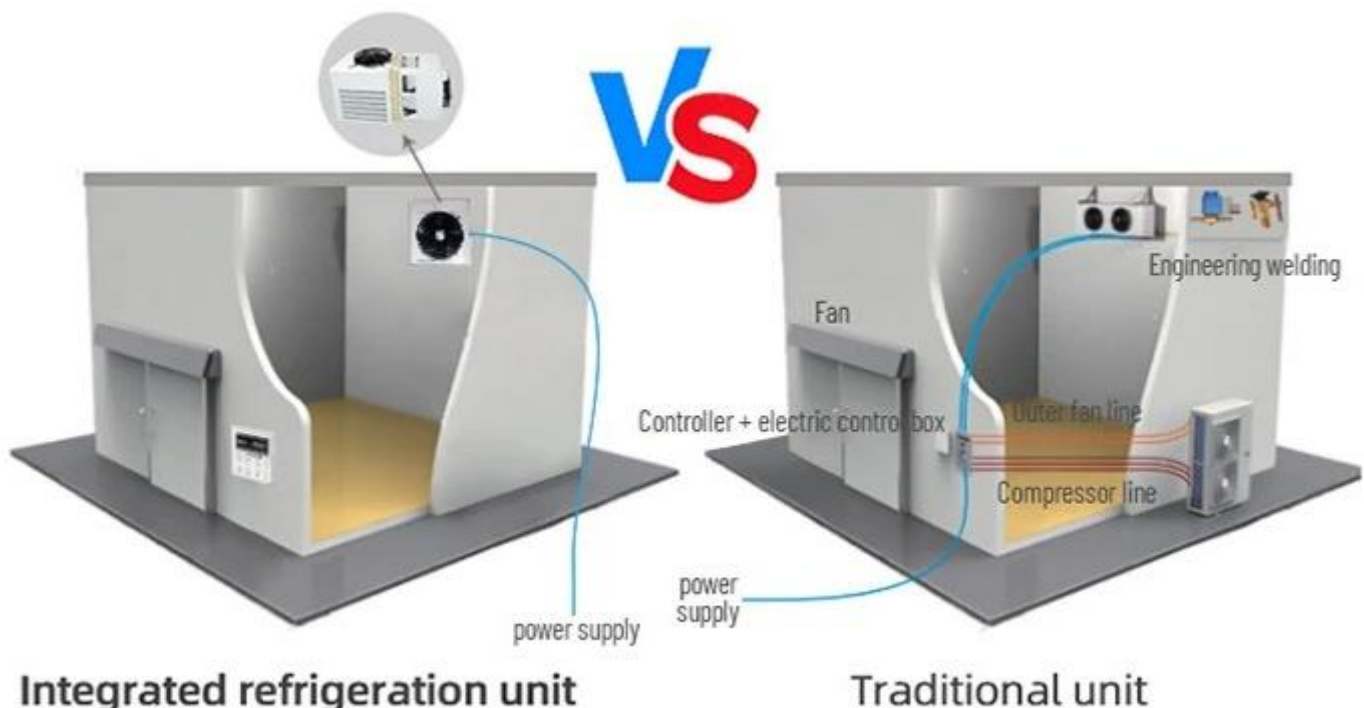
Intelligent Electronic Control System



Robust Construction  
Built to last with a sturdy 87 kg weight

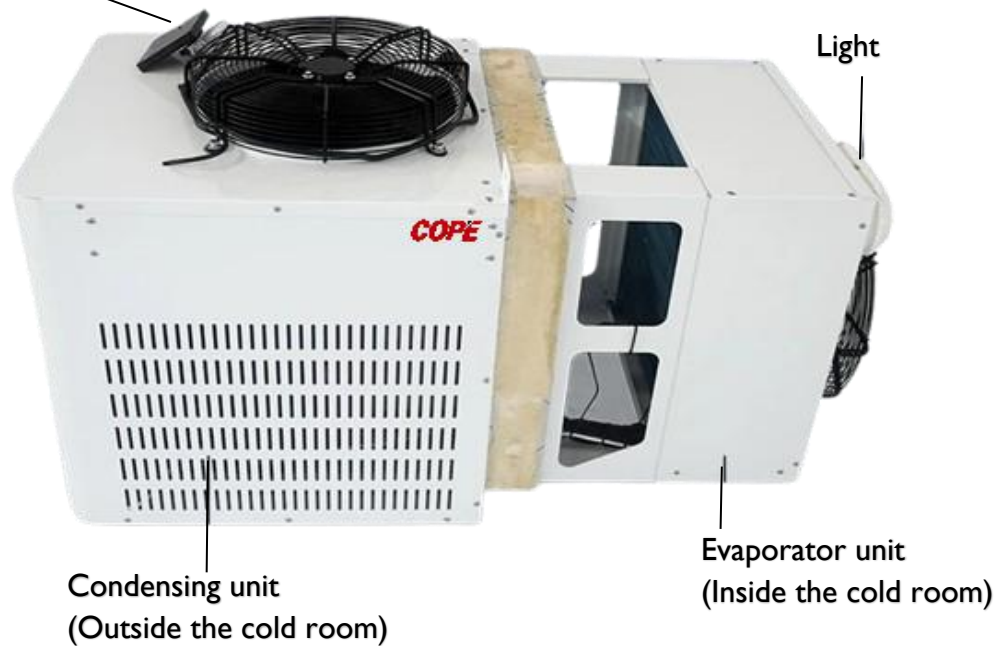
All-in-ONE design eliminating the process of installing separate condensing unit.

**SPACE SAVING, COST SAVING!**



## System Main Components:

Smart Control System



## Wide Range of Applications:

From preservation and refrigeration to deep freezing, the COPE Monoblock System offers versatile solutions designed to meet a wide range of applications and customizable requirements.



Fruits & Vegetables



Frozen Meat



Quick Frozen Seafood



Preservation of Tea



Medicine



Preserved Mushroom



Fresh Flowers



Ice Cream



## Model Selection:

Model		CMB20	CMB30	CMB50
Power Supply	V/Hz	220/50	220/50	380/50
Cooling Capacity	Evap. Temp. (°C)	<b>Cooling Capacity in Watt with ambient temperature of 32°C</b>		
	-5	3750	5625	9370
	-25	1850	2785	4645
	m³/°C	<30/-20	<50/-20	<70/-20
Operating Ampere	Amp	10	18	13
Operating Power	Watt	1400	2300	3700
Nominal Cooling Capacity		3.5 kw	5.75 kw	9.1 kw
Evaporator Temp. Range		-40°C~5°C		
Condenser Temp. Range		40°C		
Applicable Temp. Range		-20°C~8°C		
Evaporation Area	m²	16	24	40
Condensing Area	m²	20	30	50
Evaporator Power	Watt	180	180	180
Condenser Power	Watt	180	180	180
Warranty		ONE year		
Refrigerant		R22		
Weight	kg	88	108	160
Dimension (mm)	H	750	750	950
	W	660	660	800
	L	1350	1350	1350



\*Available on demand in other power supply and refrigerant options.

\*Due to continuous product improvements & its incorporation, COPE reserves the right to changes the design, technical specifications & dimensions without prior notice.

**get -18°C  
in < 30 MINS**

