

# ROLL IN MODULAR BLAST CHILLER FREEZER - COMBI TECHNICAL DATASHEET



	WMBCF90C		WMBCF120C		WMBCF160C		WMBCF200C		WMBCF240C		WMBCF320C	
Dimensions (mm)	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal
Width	1670	880	1670	880	1670	880	1670	880	1670	880	1670	880
Depth	1250	1035	1250	1035	1250	1035	1250	1035	2350	2135	2350	2135
Height	2385	1875	2385	1875	2385	1875	2385	1875	2385	1875	2385	1875
Door Opening		2295		2295		2295		2295		3395		3395
Door Clear Opening - Height		1875		1875		1875		1875		1875		1875
Door Clear Opening - Width		900		900		900		900		900		900
<b>Capacity</b>												
Capacity (kg)		90		120		160		200		240		320

## KEY FEATURES

- Choice of models to accommodate 90 to 320kg on 1/1 or 2/1 combi oven trolleys
- Choice of exterior panel finishes - foodsafe stainless steel or white PVC coated galvanized steel
- 1-2-3 state of the art control panel
- Three core food temperature probes
- Designed and engineered to operate efficiently up to a 32°C ambient, or up to a 43°C ambient, depending on condensing unit selected
- Precision injected, high density 90mm polyurethane insulation
- Automatic defrost at the end of every blast cycle or every 6 hours

- Automatic switching to storage mode at 3°C or -18°C at the end of each cycle
- Designed for fast, simple installation and commissioning, servicing and maintenance with easy to access fans
- Easy to access expansion valve for superheat adjustment
- Optimised defrost heaters
- High quality thermal printer for blast cycle data storage and printout for full HACCP compliance (IP65 Protected)
- Large, energy efficient, high velocity fans and large surface evaporator
- Can be connected to a Williams temperature monitoring TAB system

## OPTIONS

- 1/1 or 2/1 Combi Trolleys
- External ramp (per door)
- Roll through
- Option of freezer or chiller storage pod (add 200mm to height)
- TAB software for remote monitoring
- UV disinfection



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## TECHNICAL DATA

### Roll in Modular Blast Chiller Freezer Combi

	WMBCF90C	WMBCF120C	WMBCF160C	WMBCF200C	WMBCF240C	WMBCF320C
Temperature (°C)	+90/+3 in 90 mins	+90/+3 in 90 mins	+90/+3 in 90 mins	+90/+3 in 90 mins	+90/+3 in 90 mins	+90/+3 in 90 mins
	+90/-18 in 240 minutes	+90/-18 in 240 minutes	+90/-18 in 240 minutes	+90/-18 in 240 minutes	+90/-18 in 240 minutes	+90/-18 in 240 minutes
Power Supply	380V/415V 50Hz/3Ph					
Fuse (Amps)	16	16	16	16	20	20
Defrost	Electric					

### Fittings

Core Temp Food Probes	3	3	3	3	3	3
IP65 rated printer	1	1	1	1	1	1
Protective bumpers	1	1	1	1	1	1
2/1 Combi Trolleys (not included)	1	1	1	1	2	2
1/1 Combi Trolleys (not included)	2	2	2	2	4	4

### Standard Refrigerant

Refrigerant - Main	R404A	R404A	R404A	R404A	R404A	R404A
Refrigerant - Pod*	R134a	R134a	R134a	R134a	R134a	R134a

### Electrical Data

Start Up - Pod (Amps)* Chiller	19.8	19.8	19.8	19.8	27.9	27.9
Running - Pod (Amps)* Chiller	6.2	6.2	6.2	6.2	8.2	8.2
Start Up - Pod (Amps)* Freezer	30.0	30.0	30.0	30.0	40.0	40.0
Running - Pod (Amps)* Freezer	6.0	6.0	6.0	6.0	8.1	8.1
Defrost - Main (Amps)	10.8	10.8	10.8	12.6	10.8	10.8
Required Refrigeration Capacity (-15°C)	8.6kW	10.3kW	17.3kW	19.1kW	22.4kW	25.7 kW

### IMPORTANT NOTES:

\*Optional

Williams is committed to a policy of continual product development and innovation. As such, we reserve the right to change product specifications stated without prior notice.

All refrigeration equipment requires adequate ventilation for efficient and effective performance.

Condensing unit not included with product. Suitable model to be selected to suit site conditions and model. Please note a separate panel and power supply required.

Unit also requires connection to the main drains from 22mm drain pan.

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