

612L Series 7 French Door Refrigerator Freezer, Precision Fit, Ice & Water

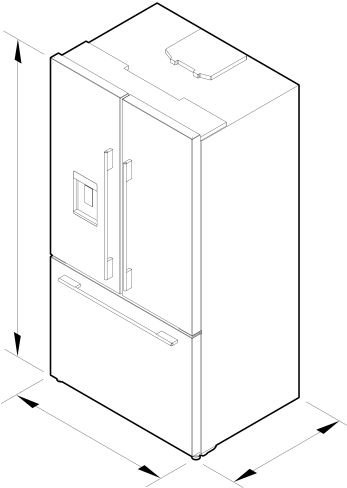
Contemporary

This French Door Refrigerator Freezer pairs refined design with everyday flexibility. Precision Fit reduces visual gaps for closer alignment with cabinetry, while the external slimline water dispenser and automatic ice maker in the freezer deliver a steady supply of filtered chilled water and ice. It brings considered design, intelligent technology, and flexible food care together in one freestanding appliance.

- Precision Fit allows for reduced gaps around the refrigerator and closer alignment with cabinetry
- Chilled, filtered water through the door and automatic ice making in the freezer, with Ice Boost to increase production for busy times
- ActiveSmart™ and Humidity Control Bins help keep food fresher for longer
- Connect with Wi-Fi and the SmartHQ™ app to receive notifications and guides

DIMENSIONS

Height	1790 mm
Width	905 mm
Depth	690 mm



FEATURES & BENEFITS

A NEW STANDARD IN DESIGN FREEDOM

A well-composed kitchen is defined by clean lines and careful alignment. Our latest innovation in Freestanding Refrigeration, Precision Fit, reduces the visual gaps around the refrigerator and enables a closer alignment with cabinetry while maintaining unrestricted door opening. Engineered for precise and lasting alignment, it delivers a new level of design freedom with all the benefits of freestanding refrigeration.

CHILLED WATER AND AUTOMATIC ICE

Enjoy filtered, chilled water on demand with the slimline external water dispenser. Inside the freezer, the automatic ice maker ensures a steady supply of ice into the dedicated storage bin, with Ice Boost to increase production by up to 30% - perfect for busy times.

EXTEND FRESHNESS WITH HUMIDITY CONTROL

Optimal humidity is fundamental to the preservation of fruits and vegetables. Our Humidity Control Bins with grooved lids are tested by our team of food scientists to maintain ideal humidity levels. Proven to store fruit and vegetables fresher for up to 6 times longer* than on the main shelf, preserving the flavour, nutrients and texture of your produce. *Based on internal testing, according to IEC 63169:2020/A1:2025

INTELLIGENT COOLING

Designed to learn the rhythm of your kitchen, ActiveSmart™ Foodcare continuously monitors door openings, temperature fluctuations and the surrounding climate — adjusting cooling and airflow to maintain the precise storage conditions, while optimising energy efficiency by cooling only when necessary.

GENEROUS CAPACITY, FLEXIBLE STORAGE

The right layout makes all the difference. An extra-large capacity with a 70:30 split of fresh to frozen storage gives more space to the fresh foods you reach for every day. Combined with full-width adjustable shelving and wide door openings, it offers flexible storage that adapts to your needs.

CONSIDERED DESIGN

Designed to make ingredients easier to access and organise, the freezer features a magnetic latch that brings the top drawer forward when the freezer door is opened, giving easier access to frequently used items. In the refrigerator compartment, full-extension runners improve visibility and help protect produce from damage during storage, while removable bins simplify cleaning and maintenance.

ENGINEERED FOR LIFE

Refrigerators need to endure years of daily use. Designed for reliable performance, our models are life-tested beyond standard safety requirements, with each door shelf impact-tested over 70,000 times to ensure lasting durability.

SPECIFICATIONS

Accessories (sold separately)		LED ceiling lighting	•	Height	1790 mm	
Matching Replacement Water Filter Model	FPWF1	Precision fit	•	Minimum air clearance - each side	10 mm	
				Minimum air clearance - on top	10 mm	
				Width	905 mm	
Capacity		Freezer Features				
Volume	612 L	Automatic ice maker	•	SKU	27147	
Volume freezer	187 L	Bottle chill	•			
Volume refrigerator	425 L	Door alarm	•			
		Freezer bins	3	The product dimensions and specifications in this page apply to the specific product and model. Under our policy of continuous improvement, these dimensions and specifications may change at any time. You should therefore check with Fisher & Paykel's Customer Care Centre to ensure this page correctly describes the model currently available. © Fisher & Paykel Appliances Ltd 2020 Other product downloads available at fisherpaykel.com ↓ DWG ↓ DXF ↓ Care & Maintenance (Chinese) ↓ Care & Maintenance (English)		
		Ice bin and scoop	•			
		Ice Boost	•			
		LED bin lighting	•			
		Max Cold	•			
Connected Features		Installation Dimensions				
Alerts and notifications	•	Minimum inside width of cabinetry frame	925 mm	Where applicable: All appliances use energy, and energy usage typically generates carbon emissions. Fisher & Paykel Appliances' In-use Energy Carbon Emissions Estimate indicates carbon emissions from a product's in-use energy. This is calculated either annually or per cycle, using the product's market-specific energy label energy consumption data multiplied by the carbon emissions factor for energy in your country or region.		
Consumable subscription	•	Minimum internal depth of cabinetry	700 mm			
Education and onboarding	•	Minimum internal height of cabinetry	1800 mm			
Monitoring	•					
Remote operation	•					
Software updates	•					
Consumption		Performance				
Energy usage	358 kWh	Adaptive defrost	•			
Energy usage freezer	358 kWh/year	Frost free	•			
		Humidity control system	•			
		Inverter controlled compressor	•			
		Sabbath mode	•			
Features		Product dimensions				
Adjustable door shelves	4	Depth	690 mm			
Adjustable glass cantilevered shelves	•					
Cantilevered glass shelves	2					
Door alarm	•					
Fruit and vegetable bins	3					
LED bin lighting	•					

Our In-use Energy Carbon Emissions Estimate is designed to assist customers in making informed purchasing decisions when comparing different Fisher & Paykel products. For example, a heat pump dryer typically has a lower In-use Energy Carbon Emissions Estimate than a vented dryer.