

FPG 4000 Series 1800 In Counter/Square Controlled Ambient Owner's Manual

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FPG 4000 Series 1800 In Counter/Square Controlled Ambient

Product Usage Instructions

Installation

- Follow the product manual for installation guidelines.
- Ensure unobstructed airflow for unit performance and warranty maintenance.
- Cutout dimensions: 1775 x 755mm benchtop cutout for IN-4CA18-SQ-XX-IC models.
- Install a thermal divider panel when placing it next to another Inline 4000 Series refrigerated cabinet.

Operation

- Set the desired temperature based on the product requirements.
- Adjust shelves to accommodate items for display.
- Maintain internal humidity for extended shelf life.

- Ensure sliding doors are operational for easy access.

Maintenance

- Regularly clean the interior and exterior of the cabinet.
- Check LED lighting functionality.
- Monitor energy efficiency and refrigeration performance.

FAQ

- **Q: How do I change the plug specification?**
 - **A:** Please advise the country to change the plug specification and contact FPG for assistance.
- **Q: Where can I find more technical data and installation guidelines?**
 - **A:** Additional information is available in the Product Manual on the FPG website. For specific inquiries, contact FPG via email at sales@fpgworld.com or visit www.fpgworld.com for region-specific contact details.

4000 SERIES 1800 IN-COUNTER/SQUARE CONTROLLED AMBIENT

RANGE	INLINE 4000 SERIES	
TEMPERATURE	CONTROLLED AMBIENT	
MODEL	IN-4CA18-SQ-FF-IC	IN-4CA18-SQ-SD-IC
FRONT	SQUARE/ FIXED FRONT	SQUARE/ SLIDING DOORS
INSTALLATION	IN-COUNTER	
REFRIGERATION	INTEGRAL, R513A	
HEIGHT	1255mm	
WIDTH	1803mm	
DEPTH	778mm	

CORE PRODUCT TEMPERATURE	+16°C – +18°C
ENVIRONMENTAL TEST CONDITIONS	CLIMATE CLASS 3 25°C / 60% RH

FEATURES

- High energy efficiency: 0.90 kWh per hour (average) Maintains an average of +16°C – +18°C core product temperature at Climate Class 3 25°C/60%RH with up to 85 door openings per hour
- Smart display with double-glazed glass encased in brushed stainless steel frame

Fixed Front or Sliding Doors Controlled Ambient Display

- Three tiltable, height-adjustable stainless steel shelves and base are full cabinet width to support maximum

display capacity

- 50,000-hour LED lighting system at 2758 lumens per metre in cabinet top and to each shelf
- Unique shelf-mounted ticket strip front and rear: 30mm

Showing: Inline 4000 Series controlled ambient 1800mm square in-counter fixed front with integral refrigeration



Operational Excellence

- Sliding doors (staff side) and fixed front or sliding door options (customer side)
- High internal humidity maintains and extends shelf life
- Constructed from stainless and mild steel with fully double-glazed, toughened safety glass for maximum energy efficiency, climate control, and durability
- FPG Freeflow air ventilation at the rear eliminates the need for front ventilation panels
- Designed to be installed into joinery

OPTIONS & ACCESSORIES

Contact a [FPG Sales Representative](#) for our full range, including:

- Remote refrigeration with TX, EPR, or Solenoid valves for connection
- Shelf trays: Toughened safety glass or mild steel.
- Color and woodprint options available for steel shelf trays
- Angled base insert
- Branded decals
- Rear door or end glass mirror application
- Auto Condensate Removal (ACR)
- Forward-facing controls
- Thermal divider panels
- Custom joinery solution

Please contact FPG to discuss your requirements for meeting country-specific standards.



Specifications

REFRIGERATION DATA

MODEL	CORE PRODUCT TEMPERATURE	ENVIRONMENTAL TEST CONDITIONS	REFRIGERATION	REFRIGERANT	CONDENSATE REMOVAL
IN-4CA18-SQ-XX-IC	+16°C – +18°C	Climate Class 3 – 25°C / 60% RH	Integral	R513A	Manual/ACR1

- 1Option.

ELECTRICAL DATA

MODEL	VOLTAGE	PHASE	CURRENT	E24 H (kW h)	kWh per hour (average)	IP RATING	MAINS		LED LIGHTING		
							CONNECTION	CONNECTION PLUG2	HOURS	LUMENS	COLOR
IN-4CA18-SQ-XX-IC	220-240 V	Single	4.9 A	21.60	0.90	IP 20	3 meter, 3 core cable	10 amp, 3 pin plug	50,000	2758 per metre	Natural
ACR (Option)			1.7 A	9.60	0.40						

- 2Please, advise the country to change the plug specification.

CAPACITY, ACCESS & CONSTRUCTION

MODEL	DISPLAY AREA	LEVELS	ACCESS FRONT	ACCESS REAR	DOOR OPENINGS @ +16°C – +18°C	CHASSIS CONSTRUCTION
IN-4CA18-SQ-FF-IC	3.0 m ²	3 Shelves + Base	Fixed front	Sliding doors	85 per hour	Stainless 304 and mild steel
IN-4CA18-SQ-SD-IC	3.0 m ²	3 Shelves + Base	Sliding doors	Sliding doors	85 per hour	Stainless 304 and mild steel

DIMENSIONS

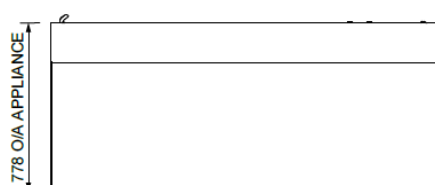
MODEL	H x W x D mm (Uncrated)	MASS (Uncrated)
IN-4CA18-SQ-XX-IC	1255 x 1803 x 778	– kg

- Crated weights and dimensions vary.
- Please contact us for information on your shipment.

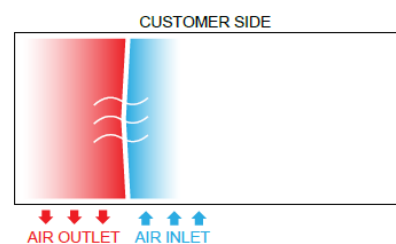
Installation

Installation note

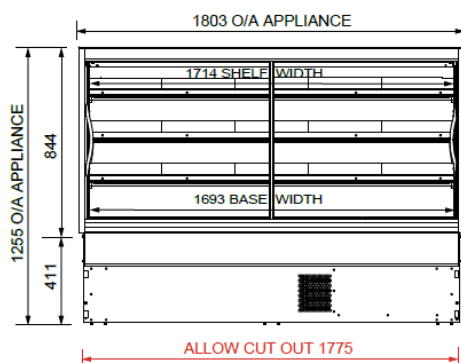
- Model cutout dimensions: IN-4CA18-SQ-XX-IC models require a 1775 x 755mm benchtop cutout (see product manual for installation guide).
- When installing this cabinet next to an adjacent Inline 4000 Series refrigerated cabinet, please install an Inline 4000 Series thermal divider panel (accessory) between them.
- UNOBSTRUCTED AIRFLOW MUST BE MAINTAINED TO ENSURE UNIT PERFORMANCE AND MAINTAIN WARRANTY.



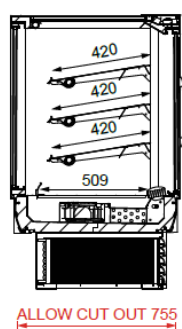
PLAN VIEW



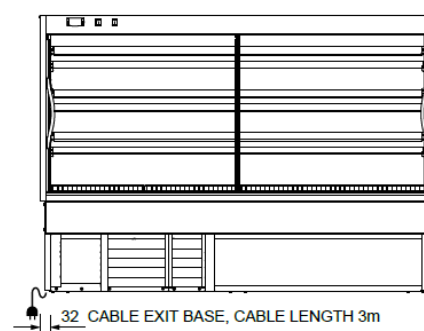
PLAN VIEW
FREEFLOW AIR TECHNOLOGY



FRONT ELEVATION



SECTION VIEW



REAR ELEVATION

CONTACT


- More information including technical data and installation guidelines is available from the Product Manual published on our website.
- In line with our policy to continually develop, improve, and support our products, Future Products Group Ltd reserves the right to change specifications and designs without notice.
- Have a question? Please email us at sales@fpgworld.com or visit www.fpgworld.com for full contact details for your region.

Worldwide contact details: FPGWORLD.COM



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Documents / Resources

	<p>FPG 4000 Series 1800 In Counter/Square Controlled Ambient [pdf] Owner's Manual IN-4CA18-SQ-FF-IC, IN-4CA18-SQ-SD-IC, 4000 Series 1800 In Counter Square Controlled Ambient, 4000 Series, 1800 In Counter Square Controlled Ambient, In Counter Square Controlled Ambient, Square Controlled Ambient, Controlled Ambient, Ambient</p>
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References

-  [Home - FPG | Food Display Solutions](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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