Environment Cover Installation Guide

http://www.pro-face.com/

Installing the cover on the display unit increases its water and chemical resistance. Before using the product, be sure to read this guide carefully and follow the instructions.

Display Unit	SP5000 Series/FP5000 Series		
Environment Cover	10.4"	12.1"	15"
Model Number	PFXZCDOP101	PFXZCDOP121	PFXZCDOP151

Package Contents

(1) Environment Cover x1

(2) Installation Guide x1 <This Guide>

This product has been carefully packed, with special attention to quality. However, should you find anything damaged or missing, please contact your local distributor immediately.

Specifications

General Specifications

	10.4"	12.1"	15"
Structure	IP67F*1 (The display unit's structural protection rating when applying this product depends on the display unit itself. For more information, please refer to the display unit's hardware manual.)		
Material	Rubber part: NBR (Nitrile butadiene rubber) Sheet: PET (Polyethylene terephthalate)		
Weight	200 g (0.44 lb) or less	250 g (0.55 lb) or less	350 g (0.77 lb) or less

*1 IP67F is not part of the UL certification.

Oil and Chemical Resistant Performance

Chemicals	Sheet	Rubber Part	Chemicals	Sheet	Rubber Part
Nitric acid 10%	O	O	Hydrogen peroxide 3%	O	O
Sulfuric acid 30%	O	X	Phenol	X	O
Sulfuric acid	X	X	Acetone	X	O
Hydrochloric acid 37%	O	O	Ethyl alcohol	O	O
Phosphoric acid	O	O	Methyl alcohol	O	O
Sodium carbonate 10%	O	O	Glycerin	O	O
Ammonium	X	O	Toluene	X	X
Potassium hydroxide	X	O	Tetrahydrofuran	X	O
Sodium hydroxide 10%	X	O	Cottonseed oil	O	O
Acetic acid	O	O	Mineral oil	O	X
Carbontetrachloride	X	X	Lead-free Gasoline	O	X
Trichloroethylene	X	X			

O : Pass X : Fail

Information regarding chemical resistance is provided by the material's manufacturer. This does not mean the level of protection is suitable for all conditions and environments. When using this product, examine your specific requirements and check if the level of conformity is suitable for your needs.

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EAV35580 01

Pro-face for the best interface

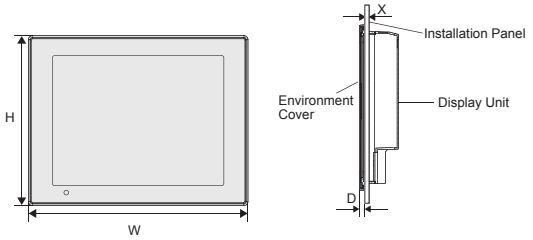
Test Results

The following was confirmed after the Environment Cover was left immersed for 2,000 hours.

Item	Product name	Shape and appearance	Adhesion of PET sheet	Applicability
Water-insoluble cutting fluid	IRM903 (Japan Sun Oil Co.Ltd.)	No issues	No issues	Applicable
	DAICUTOL 152K (Daido Chemical Industry Co., Ltd.)	No issues	No issues	Applicable
	YUSHIRON OIL CL35 (Yushiro Chemical Industry Co., Ltd.)	No issues	No issues	Applicable
Water-soluble cutting fluid	SYNTILO 9930 (BP JAPAN Co., Ltd.)	No issues	No issues	Applicable
	NORITAKE COOL CG-50P (KYODO YUSHI Co., Ltd.)	No issues	No issues	Applicable

Dimensions

The following drawing shows a display unit with the Environment Cover.



		10.4"	12.1"	15"
External Dimensions	W	282.2 mm (11.11 in.)	324.7 mm (12.78 in.)	406.7 mm (16.01 in.)
	H	224.2 mm (8.83 in.)	250.7 mm (9.87 in.)	305.7 mm (12.04 in.)
	D	14 mm (0.55 in.)	14 mm (0.55 in.)	14 mm (0.55 in.)
Panel Thickness	X	1.6...3.2 mm (0.06...0.13 in.) (With the Environment Cover attached, the panel thickness range is narrower.)		

Installation

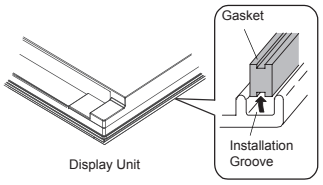
⚠ WARNING

HAZARD OF ELECTRIC SHOCK

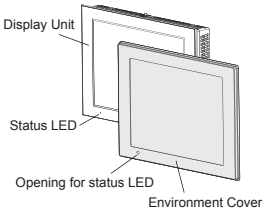
Confirm the display unit's power supply is disconnected.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

1. Place the display unit on a flat, level surface with the display face downward and remove the gasket from the display unit.



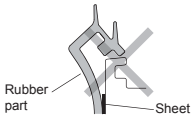
2. Align the Environment Cover with the display unit so that the status LED of the display unit can be seen through the opening on the Environment Cover.

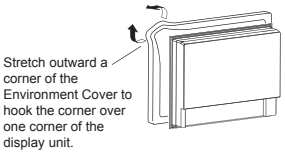


NOTE: Except for the status LED, functions on the front panel of the display unit become unavailable.

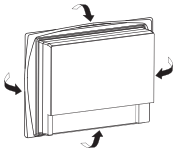
3. Hook a corner of the Environment Cover on a front corner of the display unit.

NOTE: When attaching the Environment Cover on the display unit, do not pull or bend the Environment Cover with excessive force. The rubber portion may tear or the sheet may peel off.

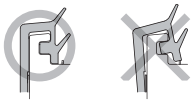




4. Starting with the corner of the Environment Cover hooked over one corner of the display unit, fit the Environment Cover into the display unit's installation groove.



NOTE: Check the entire perimeter of the Environment Cover to ensure it is securely fit into the installation groove.



5. Mount the display unit to the installation panel. For details on how to mount the display unit to the installation panel, refer to the hardware manual of the display unit.

NOTE: You can download the manual from our website "Otasuke Pro!" at http://www.pro-face.com/otasuke/.

NOTICE

PRODUCT DAMAGE

- Replace the Environment Cover with a new one annually or when stains or scratches become obvious.
- If you remove a display unit with the Environment Cover from an installation panel after a long period of use, attach a new Environment Cover when reinserting the display unit to the installation panel.
- Do not touch the Environment Cover with sharp objects (such as mechanical pencils or screw drivers).
- When cleaning the Environment Cover, do not use bleaches, thinners, organic solvents or corrosive chemicals.
- When attaching the Environment Cover on the display unit, do not pull or bend the Environment Cover with excessive force.
- Do not store or use the Environment Cover in direct sunlight.
- If the Environment Cover becomes dusty, wipe clean with a damp cloth.
- Do not attach or detach the Environment Cover frequently.
- Do not use this product where it is exposed to oil or chemicals for long periods of time, or where oil mist fills the air.

Failure to follow these instructions can result in equipment damage.

NOTE: When disposing the product, do so according to your country's regulations for similar types of industrial waste.

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Note

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