

CWP H/S/P New PLC and HMI

On older CWP units, the existing PLC (type FX2N-48) and HMI panel (E300/Gambro 2) are obsolete from the manufacturer and parts are no longer available for replacement. Therefore, a new PLC (type FX3U-48MR), HMI panel (E1032) and software were released.

Compatibility

- HMI panel type E1032 (MCP P/N 3029306) can be used with PLC type FX2N-48 if the PLC program is updated to RU0901V1. *This will not provide remote buzzer/indicator testing.
- PLC type FX3U-48MR cannot be used with HMI panel type E300/Gambro 2.

Replacement

A faulty HMI panel, type E300/Gambro 2, should be replaced with the E1032 HMI P/N 3029306 panel if:

- The WRO H/S/P unit is serial number 2916 or later.
- Equipped with PLC type FX2N-48MR and program RU0303V2. It will require that the PLC program is updated to RU0901V1.

If it is desired to have the latest software, both the HMI and the PLC must be replaced if E300/Gambro 2 panel fails.

A faulty PLC type FX2N-48MR can be replaced with a PLC type FX3U-48MR if the HMI panel is type E1032.

Existing E300/Gambro 2 HMI to PLC cables can be re-used. If upgrading from older MAC systems, new cables and door will be required.

News/corrections

The new software includes a few corrections listed below.

Version	Applies	Change
RU0901V1	PLC/HMI	Updates to use E1032 and FX3U HMI and PLC.
RU0901V2	HMI (E1032)	<ul style="list-style-type: none"> • Changes cond. High range from 50-200 to 30-200. • Changes maximum loop return temperature from 33/32 to 36/35. • Change default value for Daylight Savings Time from European to US. • Correct digit display for running hours to prevent #####.
RU0901V3	PLC (FX3U only)	Adds remote buzzer/indicator test to Ext. sign test.

Pictures for identification

HMI panel E1032



PLC FX3U-48MR/ES



The new PLC and HMI have been introduced in production from serial number 1000583 from Gambro. All units built by Mar Cor Purification, Inc. have included only the E1032 and FX3U-48MR-ES HMI and PLC.

Ordering Information

Qty	Part Number	Description
1	3029305	FLROM, FX3U-48MR-ES, RU0901V3 program installed (memory module only)
1	3029307	PLC, FX3U-48MR-ES pre-programmed (includes FLROM memory module 3029305)
1	3029306	HMI, E1032 pre-programmed (RU0901V2)
1	3028231	EEPROM, FX2N-48MR pre-programmed (includes RU0901V1 program for using FX2N PLC with E1032 HMI)
1	3028233	Adapter panel kit (used to mount E1032 HMI in place of E300/Gambro 2 HMI)
1	W900001087	E1032 HMI Replacement Battery
1	3027488	CWP H Manual Kit (includes Operators, Service, Schematics)
1	3027703	CWP S Manual Kit (includes Operators, Service, Schematics)
1	101-102/3028787 104-106/3028788	Replacement door panel when changing MAC to E1032 HMI
1	25-11304	Communication cable, E300/Gambro 2/E1032 to FX2N & FX3U PLC. Does NOT work with MAC panel.
1	WTW605001001	Power cable, E300/Gambro 2/E1032 to FX2N & FX3U PLC. Does NOT work with MAC panel.
1	3030470	Software upgrade for E1032/FX3U-48MR to RU0901V2 & RU0901V3.