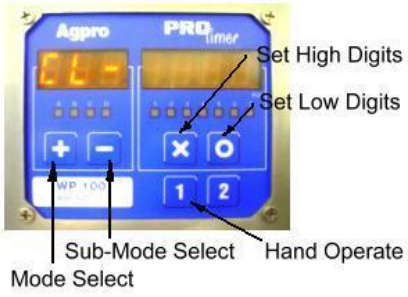
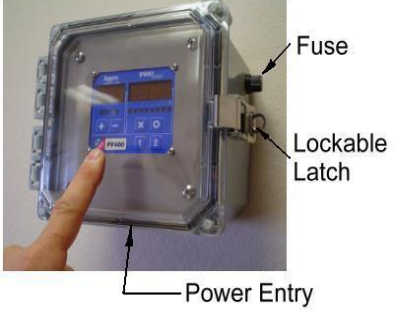


Agpro Pro Timer Model FVP400

<p>General Notes for the FVP 400:</p> <ol style="list-style-type: none"> 1. The FVP 400 controls up to 4 parlor flush valves. 2. The flush valves are started by external start buttons. 3. Flush valve on and off durations are programmable, as well as a programmable duration lock out time for each flush valve. 		
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FVP 400

[+] button Modes	[-] button Sub Modes	[X] button Set first digits	[O] button Set last digits
CL- <i>Clock set</i>	CLS <i>Clock</i>	Set hours 1-12 am, 1-12 pm	Set minutes 1-59
	CLY <i>Day</i>	Set day 1-7, 1 = Monday (led 1-7 shows status)	Not used
LO- <i>Lock Out Time</i>	LO1 <i>Lock Out Time Set</i>	Set hours 1 to 11	Set minutes 10 to 50 (10 minute increments)
	LO2 <i>Lock Out Time Set</i>	Set hours 1 to 11	Set minutes 10 to 50 (10 minute increments)
	LO3 <i>Lock Out Time Set</i>	Set hours 1 to 11	Set minutes 10 to 50 (10 minute increments)
	LO4 <i>Lock Out Time Set</i>	Set hours 1 to 11	Set minutes 10 to 50 (10 minute increments)
FL- <i>Manual Flush Durations</i>	Fd1 <i>Flush 1 OFF Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd2 <i>Flush 1 ON Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd3 <i>Flush 2 OFF Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd4 <i>Flush 2 ON Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd5 <i>Flush 3 OFF Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd6 <i>Flush 3 ON Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd7 <i>Flush 4 OFF Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
	Fd8 <i>Flush 4 ON Duration</i>	Set minutes 0-6 (6 minute maximum)	Set seconds 0-50 (10 second increments)
HO- <i>Hand Operate</i>	HOP	Set pair 1-2 or 3-4	Not Used
CP- <i>Clear Programs</i>	CPA <i>Clear all Program times</i>	Not Used	Set Clear = 1, No Change = 0
OP- <i>Operate*</i>	OPS <i>Operate Select</i>	Set program number 1-4	Set Operate = 1, Off = 0
OFF <i>Turn Flush Valves OFF</i>	No sub modes	Not Used	Not Used

*after 4 seconds display changes to
 -C- display time of day for 2 seconds
 -Valve 1 total daily flush time 2 seconds,
 -Valve 2 total daily flush time 2 seconds,

- Valve 3 total daily flush time 2 seconds,
- Valve 4 total daily flush time 2 seconds, repeat.

At midnight all daily flush totals are set to zero.

Parlor Flush Valve Operation -

Flush valves can be operated in the following ways.

1. Manual input provided by external buttons will allow the flush valve to be operated for a pre programmed duration. The durations are set in the Manual Flush (FL-) mode. First a OFF duration provide a time delay, then the ON duration provides the flush. Both durations can be set from a minimum of 0 seconds to a maximum of 6 minutes 50 seconds in 10 second increments. Below is a summary of the modes, functions, and acceptable values.

Mode	Function	Value
Fd1	Set flush valve 1 delay	0 to 6:50
Fd2	Set flush valve 1 duration	0 to 6:50
Fd3	Set flush valve 1 delay	0 to 6:50
Fd4	Set flush valve 1 duration	0 to 6:50
Fd5	Set flush valve 1 delay	0 to 6:50
Fd6	Set flush valve 1 duration	0 to 6:50
Fd7	Set flush valve 1 delay	0 to 6:50
Fd8	Set flush valve 1 duration	0 to 6:50

2. A lock out time can be set that will disable the inputs to a single flush valve. The lockout time is set in the LO- mode and can be set form 0 hrs and 0 minutes to 11 hours and 50 minutes. A different lock out time can be set for each flush valve. The output status light will flash quickly while the output is disabled. If you desire to defeat the lockout time, cycle the mode button until back in the OP- mode. This will turn off all active outputs and will reset the lockout times.
3. An additional 5th input will cause all flush valves to operate in sequence starting with output 1 ending with output 4. Flush times will be based on values entered in the Manual Flush (FL-) mode.
4. If the Manual Flush (FL-) durations for a flush valve are both set to 0, then the external inputs will cause the valve to operate manually. One push to start the flush and another to stop the flush.
5. Manual starting of flushing can be initiated by front panel input by selecting the HO- mode and using button [1] and [2]. This is not recommended for daily operation as it requires opening the weather tight enclosure.
6. Each flush valve can be disabled in the Operate (OP-) mode. If a valve is disabled then it will not operate based on pre programmed start times or from external input. It will operate in the Hand Operate (HO-) mode.