



**AXECON CORP.**

# MGV3000UW Series

## NFPA 99 Premium Medical Vacuum Control Panel

### Specifications

- UL 508A listed control panel
- NEMA 12 rated enclosure
- Compliance with NFPA99
- Molded case circuit breaker disconnects for each motor with through the door lockable mechanism
- Dual 120V control circuit transformer with fused primary and secondary circuit with dedicated separate circuit breaker for each pump and control
- Vacuum switch connection for backup system operation should primary control circuit fail\*
- Lighted H-O-A switches and magnetic starters with three legs thermal overload for each pump
- 5" multicolor touch screen LCD monitor displays operating status, pump run hours, faults, system pressure, alarms and service alert for each pump
- Full system schematic and manual viewable via HMI
- High temperature shutdown for each pump
- PLC controller with control logic to start the lag pump automatically if the lead pump fails to operate. Logic also automatically removes failed or switched off pump from duty sequence.
- All components used in control panel are non-proprietary and can be replaced using standard off the shelf components\*\*
- Able to accept any range of sensors complying to 24VDC 4-20mA standard on site without the use of factory programming
- Web server features includes email and/or text notification in case of alarm and live remote monitoring of system operation status via device ethernet IP-address\*\*\*
- Alarm logging and performance trend on HMI with ability to email for viewing from other devices\*\*\*
- Normally open and normally closed dry contact for remote monitoring of NFPA 99 alarm points
- Separate push buttons for silencing and resetting the alarms.



### Optional Features

- Building automation communication gateway with BacNet® TCP/IP protocol
- 65 KAIC SCCR rating
- Amperage readout for each motor
- Ambient temperature monitoring
- Factory remote connection via secure gateway (with enable/disable switch operated by local personnel)
- Backup vacuum switch factory mounted and wired for single point connection to air receiver

\*Vacuum switches sold separately

\*\* Programable parts will require Axecon downloaded program

\*\*\* Internet access required on site for this feature to operate

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