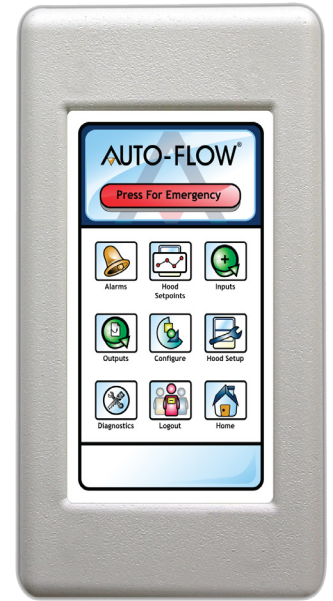


FHC-SD FEATURES

- ▼ Displays measured or calculated face velocity (through face velocity sensors or sash position)
- ▼ 12-bit color, 272x480 pixel TFT-based touch-screen local user interface for displaying and modification of information specific to the NB & SBC-GPC^{FHC}
- ▼ Depending on the specification requirement, users can choose between a green or white home screen
- ▼ Features local setpoint and alarm setup
- ▼ User friendly multi-tiered icon driven screens
- ▼ Step by step calibration wizards simplify product configuration
- ▼ Multi-level numerical password based access protection
- ▼ Configuration stored on Non-volatile memory of GPC^{FHC} for backup and cloning over the EIA-485 network
- ▼ Local alarm initiation and BAS visibility
- ▼ Cancel alarm commands require authorized user
- ▼ Setup can be accomplished in either English or Metric units
- ▼ Visible/audible multistage alarming capabilities for low, high, extreme high, and extreme low values of several parameters
- ▼ Chemical resistant Kydex[®] plastic case, mountable on both US and Euro switch boxes *IP-44 available upon special request*
- ▼ A chemically resistant polyester membrane protects the touch-screen from accidental chemical splashes
- ▼ Flash program upgradability through the use of standard SD/MMC card port

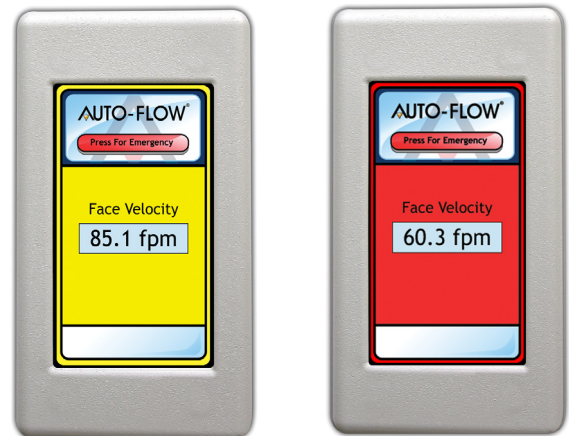


FHC-SD SPECIFICATIONS

Processor	high speed 32-bit processor running at 86 Mhz
Display	backlit 4.3" color TFT - 9:16 aspect ratio - 272 x 480 pixel resolution
Touchscreen	analog resistive type
Local Memory	8 MB Intel [®] onboard flash
SRAM	1 MB RAM
Alarm Buzzer	self-contained piezo buzzer
Features	revert & reset software buttons
SD/MMC RAM Socket	supports 2 GB storage capacity
Dimensions	6.0 x 3.4 x 1.0 in (15.24 x 8.64 x 2.54 cm)



THE FHC-SD AND ALARMING



The FHC-SD allows for two-staged alarming, notifying users of a potential problem through visual and audible alarms. Should a preset "low/high-limit" be reached, the display will begin to flash yellow and emit a 3 second pulsing alarm from the display as a caution to the hood operator.

Should an extreme "low/high-limit" alarm occur, the display then will display a red flashing background and emit a constant pitch alarm from the display. These alarm conditions may also be broadcast via the PUP network.

American Auto-Matrix products and systems are manufactured and installed under one or more of the following US patents and/or others that may apply.
5,764,579; 6,272,399; 5,920,488; 5,946,221; 5,481,919; 5,402,687; 5,415,583



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