



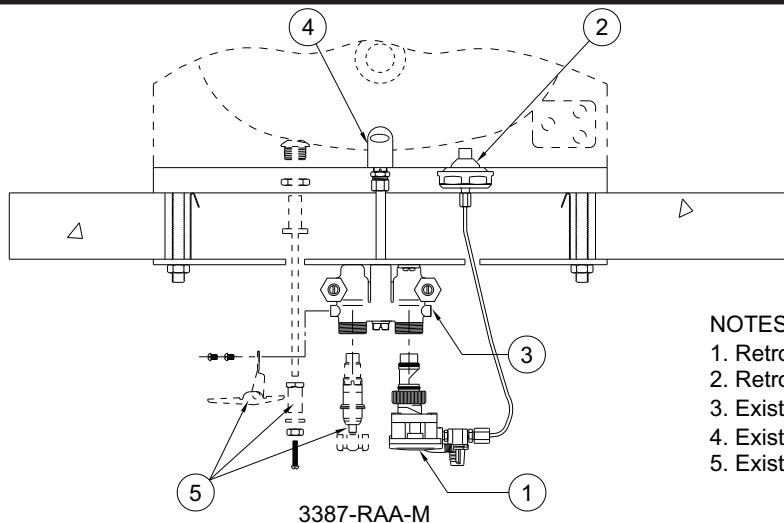
# Replace-Ware: 3386

## Retro-Air Valve Assembly

**Retro-Air Valve Assembly** is designed to replace existing metering or non-metering cartridges within existing Acorn Penal-Trol (manufactured since 1978), Metcraft Tempus II and Willoughby Temp 1/Temp 2 valves to pneumatic operation. The Retro-Air Valve Assembly package consists of the Retro-Air servomotor cartridge, a push button assembly (or adapter) and polyethylene 1/8" tubing to connect the push button to the Retro-Air servomotor cartridge, which replaces existing push buttons and push rod hardware. Available for both single temperature and hot and cold installations, the metering Retro-Air will solve the maintenance associated with traditional mechanical style metering cartridges.

**Regularly furnished** items include hot and cold or single temperature indexed pushbutton assemblies with escutcheons, Retro-Air replacement cartridge assembly with integral Air-Control servomotor and 5 feet of 1/8" polyethylene tubing. Metcraft and Willoughby valve replacement assembly adapts to existing pushbutton assemblies.

Please visit [www.acorneng.com](http://www.acorneng.com) for most current specifications.



- NOTES:**
1. Retro-Air Cartridge Assembly
  2. Retro-Air Pushbutton
  3. Existing Valve Assembly
  4. Existing Bubbler
  5. Existing Components For Removal

### WALL THICKNESS AND TYPE (Must Specify)

Thickness: \_\_\_\_\_ Type:  Concrete  Block  Steel

### MODEL NUMBER AND OPTIONS SELECTION:

#### BASE MODEL NUMBER

- 3386 Retro-Air Valve Assembly - Single Temp
- 3387 Retro-Air Valve Assembly - Hot & Cold

### REPLACEMENT VALVE DESCRIPTION (Must Specify)

Manufacturer Valve Assembly

- RAA Acorn Penal-Trol (1978 to Present - 1-1/8" diameter escutcheon)
- RAA1 Acorn Penal-Trol (Prior to 1978 - Oval escutcheon)
- RAM Metcraft Tempus II\*
- RAW Willoughby Temp 1/Temp 2\*

\* These names are trade names used by Metcraft and/or Willoughby.

### PRODUCT OPTIONS (Must Specify)

(See Penal-Ware® Model Numbers & Options Section)

- M Metering
- MH Metering Hot Side Only
- MVC Time-Trol
- PPZ Programmable Piezo Button w/ 9VDC Plug-in Transformer



3386-RAA-M



3386-MVC

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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| <b>Important:</b> Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2009 Acorn Engineering Company |  |
| <p style="text-align: center;">Selection Summary</p> <p>Model No. &amp; Option _____</p> <p>Quantity _____</p>   | <p style="text-align: center;">Approved for Manufacturing</p> <p>Company _____ Title _____</p> <p>Signature _____ Date _____</p> |