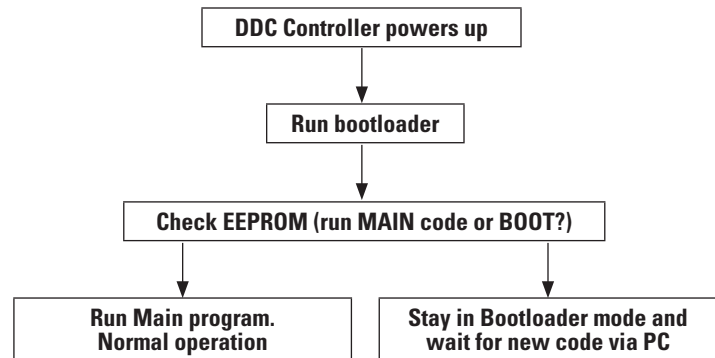# System Controls

Price Controls Bootloader

Bootloading allows a user to re-program a controller "remotely" through a thermostat using a Laptop and interface cable. This is a convenient way to update controls without climbing ladders or moving furniture. Bootloading a controller is sometimes necessary to add a new feature or change operations in the field. Price offers bootloading on most of its latest generation controls. Bootloading can be done by trained Price representatives or Price factory personel.

The length of time to load the new program depends on the size of the code and the baud rate (speed) used. Typically most Price Controls can be bootloaded in approximately 1-2 minutes.


```
DDC Controller powers up
        |
        v
   Run bootloader
        |
        v
Check EEPROM (run MAIN code or BOOT?)
        |                    |
        v                    v
Run Main program.    Stay in Bootloader mode and
Normal operation     wait for new code via PC
```

Technician with laptop bootloading through the thermostat's service port.

Price PIC Controller
(Main Circuit Board)

Price Thermostat with RJ12 service port on bottom.

SYSTEM CONTROLS

All Metric dimensions ( ) are soft conversion.
Imperial dimensions are converted to metric and rounded to the nearest millimetre.

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