CLAIMS

What is claimed is:

1. An apparatus, comprising:

a flow control (102); and

a control assembly (100) coupled with the flow control (102), the control assembly (100) comprising a main support (118) and a thin plate (122) disposed on the main support (118), the thin plate (122) having four sides (132, 134) forming a mounting surface (140), the thin plate (122) also having lateral slots (142) that extend lengthwise in a first direction between two of the sides (132, 134) and are arranged so adjacent lateral slots (142) are spaced apart from one another in a second direction perpendicular to the first direction.

2. The apparatus of claim 1, wherein the thin plate (122) comprises cutouts (154) on each of the four sides (132, 134).

3. The apparatus of claim 1, wherein the thin plate (122) comprises cutouts (154) on each of the four sides (132, 134) to form flange members (156) on each of the four sides (132, 134) that align with a bisecting plane (136, 138).

4. The apparatus of claim 1, wherein the thin plate (122) comprises cutouts (154) in the mounting surface (140) that are spaced inwardly from each of the sides (132, 134) on each of the four sides 132, 134).

5. The apparatus of claim 1, wherein the lateral slots (142) are formed into a first set and a second set so that lateral slots (142) in the first set are spaced apart from lateral slots (142) in the second set along the first direction.

6. The apparatus of claim 5, wherein openings penetrate the thin plate (122) between the first set and the second set.

7. The apparatus of claim 1, wherein the control assembly (100) connects pneumatically to the flow control (102).

8. The apparatus of claim 1, wherein the main support (118) comprises a cabinet (178) with doors (188) to enclose the thin plate (122) therein.

9. The apparatus of claim 1, wherein the main support (118) comprises an elongate tube (166) with flanged, bottom end (170).

10. A system, comprising:

a flow control (102) having a valve (106) and a pneumatic actuator (104);

pneumatic control components (114) coupled with the pneumatic actuator (104); and

one or more thin, metal plates (122) supporting the pneumatic control components (114), the thin, metal plates (122) having elongate slots (142), the elongate slots (142) forming openings extending in a first direction on the thin, metal plate (122), the openings spaced apart from one another on the thin, metal plate (122) in a second direction that is perpendicular to the first direction.