CLAIMS:

1. A smoking article comprising:

a combustible heat source having opposed front and rear faces;

one or more airflow channels extending from the front face to the rear face of the combustible heat source;

an aerosol-forming substrate downstream of the rear face of the combustible heat source; and

a thermostatic bimetal valve located between the rear face of the combustible heat source and the aerosol-forming substrate,

wherein the thermostatic bimetal valve is arranged to deform from a first position, in which the valve substantially prevents or inhibits fluid communication between the one or more airflow channels and the aerosol-forming substrate, to a second position, in which the one or more airflow channels and the aerosol-forming substrate are in fluid communication, when the thermostatic bimetal valve is heated to above a threshold temperature.

2. A smoking article according to claim 1, wherein the thermostatic bimetal valve is pre-stressed such that it deforms from the first position to the second position with a snap action.

3. A smoking article according to claim 2, wherein the thermostatic bimetal valve is pre-stressed by pre-forming with curvature of from 100 to 500 microns.

4. A smoking article according to any preceding claim, wherein the rear face of the heat source is concave and the thermostatic bimetal valve is concave in the first position and convex in the second position.

5. A smoking article according to any preceding claim, wherein the thermostatic bimetal valve abuts the rear face of the heat source.

6. A smoking article according to any preceding claim, wherein the thermostatic bimetal valve comprises a first thermostatic bimetal sheet with one or more solid portions and one or more openings for allowing fluid communication between the aerosol-forming substrate and at least one of the one or more airflow channels.

7. A smoking article according to claim 6, wherein the one or more solid portions are arranged to block all of the one or more airflow channels when the thermostatic bimetal valve is in the first position and to unblock at least one of the one or more airflow channels when the thermostatic bimetal valve is in the second position.

8. A smoking article according to claim 6 or claim 7, wherein the thermostatic bimetal valve comprises a second thermostatic bimetal sheet adjacent to the first thermostatic bimetal sheet, the second thermostatic bimetal sheet having one or more solid portions and one or more openings for allowing fluid communication between the aerosol-forming substrate and at least one of the one or more airflow channels.

9. A smoking article according to claim 8, wherein the one or more solid portions of one or both of the first and second thermostatic bimetal sheets are arranged to block the one or more openings of the other sheet when the valve is in the first position and to unblock at least one of the one or more openings of the other sheet when the valve is in the second position.

10. A smoking article according to claim 8 or 9, wherein the first thermostatic bimetal sheet and the second thermostatic bimetal sheet are attached together along at least a portion of their peripheries.

11. A smoking article according to any of claims 8 to 10, wherein the second thermostatic bimetal sheet is positioned upstream of the first thermostatic bimetal sheet.

12. A smoking article according to claim 11, wherein the first thermostatic bimetal sheet comprises at least four peripheral openings and the second thermostatic bimetal sheet comprises a central hole aligned with a central airflow channel of the heat source.

13. A smoking article according to any preceding claim, wherein the thermostatic bimetal valve has a substantially circular cross-section.

14. A smoking article according to any preceding claim, wherein the aerosol-forming substrate comprises a tobacco-based material and at least one aerosol former.

15. A smoking article according to any preceding claim, wherein the combustible heat source is a combustible carbonaceous heat source.