CLAIMS

1. A liner for a processing chamber having a preheat ring with an outer flange, comprising:

an annular body having a sidewall;

a vent formed in the annular body for exhausting gas from inside to outside the annular body, wherein the vent comprises one or more vent holes disposed through the sidewall; and

an opening in the annular body for substrate loading and unloading,

wherein the annular body comprises a radially inwardly extending inner flange having a raised portion;

wherein the inner flange is configured to support the preheat ring thereon; and

wherein the raised portion of the inner flange is configured to fit radially within the outer flange of the preheat ring.

2. The liner of claim 1, wherein the one or more vent holes extend laterally through the sidewall and parallel to each other.

3. The liner of claim 1, wherein the one or more vent holes extend radially through the sidewall of the liner.

4. The liner of claim 1, wherein the one or more vent holes comprise circular holes, elongated slots or a combination thereof.

5. The liner of claim 1, wherein at least a pair of the one or more vent holes are circumferentially aligned around the sidewall of the liner and disposed within a radial angle of the annular body of 90° or less.

6. The liner of claim 1, further comprising a plurality of recesses formed in the sidewall and in a top surface of the annular body, wherein the plurality of recesses are disposed circumferentially opposite from the vent.