

Bulletin Number: DF 081512

**Topic: Vent Cap Redesign**

**Product:** Algas –SDI Direct Fired Vaporizers

**Models:** 40/40H, 80/40H and 120/60H *(Manufactured Oct 2002 to Oct 2011)*

**Purpose:** **Corrective redesign of Vent Cap to eliminate water infiltration of the main burner.**

Vaporizer models for the years specified above were equipped with a concave, or bowl-like vent cap. When subjected to persistent rain, the “bowl” would ultimately fill and overflow. The overflow allowed water to run off the heat exchanger and infiltrate the burner. If the ambient temperature then fell below freezing, cracking of the water laden burner body could result.

Vent caps provided after October 2011 eliminated this bowl like feature. The current vent cap design is convex and is in essence, a reversed configuration. This shape sheds rainwater rather than allow pooling. Water infiltration, accumulation and subsequent freeze damage to the burner is eliminated.

All vaporizers manufactured since October of 2011 incorporate the convex design. Vaporizers manufactured *between October 2002 and October 2011* can be retrofitted with this vent cap using **PN 1501-4015**. Please contact your nearest distributor for pricing and additional information.

