

Specification – Schebler MODEL eVENT AL29-4C Stainless Steel

The factory built modular chimney shall be laboratory tested and listed in accordance with Underwriters Laboratories Standard UL 1738 for use with category II, III & IV appliances with a maximum flue gas temperature of 550°F and ULC-S636-95 for gas vent – BH, Class I / Class II 245°C.

Vent sections shall be sealed with banded flanges and silicone joint sealant for temperatures up to 600°F and a UL tested pressure rating of 40" w.c.

Inner shell material shall be type AL29-4C stainless steel. Inner shell thickness shall be .024"(24ga) for 5" to 48" diameter systems. All inner seams shall be full penetration welded. Riveted, tack or spot welded seams are not permitted.

Outer shell material shall be aluminized steel (304 or 316 stainless steel optional). Aluminized steel has a thickness of .034" for 5" to 48" diameter systems. All outer shell seams shall be full penetration welded the entire length of the pipe section. Riveted, tack or spot welded seams are not permitted.

Between the inner and outer shells there shall be a minimum of a 1" air gap. Stainless steel centering clips shall be welded to the outer shell to maintain the 1" spacing and ensure concentricity of the shells.

Breeching and vent sections, when installed according to manufacturer's instructions, shall comply with national safety standards and building codes. Stacks terminating above a roof must terminate as required by code or NFPA 211.

Vent sections exposed to atmospheric conditions shall be protected by a minimum of one base coat and one finish coat of heat resistant paint after installation. Outer shells of type 304 or 316 stainless steel need not be painted.