



# Autoclave Systems

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## Glass Laminating Autoclave Systems

Laminated glass, used for such applications as automobile and aircraft windshields, bulletproof glass, architectural glass, and solar receiver mirrors, consists of thin layers of plastic sandwiched between layers of glass. The pressure and high temperature applied and carefully controlled by McGill AirPressure's glass laminating autoclave systems is an advanced method of uniformly bonding the glass and plastic surfaces together.

The hot pressurized air process we developed for our glass laminating autoclave systems has become widely accepted by the automotive and architectural laminated safety glass industry. Our process allows for total control of temperature and pressure. Advanced control systems precisely regulate temperature and pressure rates and the set and cycle termination points.

Like our full-scale bonding autoclaves, our glass laminating systems are custom designed to each customer's needs.



*Mini-Bonder autoclave systems are shipped completely assembled, piped, and wired. The system's internals include insulation, sheet metal shroud, ductwork, blower, blower drive assembly, electrical heater assembly, and cooling coil.*