



STAINLESS STEEL PACKAGE

INFORMATION SHEET

OVERVIEW

The stainless-steel frame option is a great option for high humidity or corrosive environments such as dairy barns and poultry barns. Diamond Doors offers many different grades of stainless steel. Most common is the 300 series in 304, 304L, 316 and 316L. Also included are stainless steel hinges, hinge pins, and lifting cables.

Stainless steel is a good choice for many reasons. It has a relatively low thermal conductivity, improving heat retention in the building. It has an improved surface finish, resisting cracking. Added chromium protects against rust by oxidizing on the surface, creating a barrier between metal and air. These qualities improve door longevity and result in less maintenance long term.

Diamond Doors also offers a sealed stainless motor which provides assurance of the door's operation in the harshest environments. These motors are available in most standard HP and voltages. A wash-guard brake kit is included. Due to the motor being sealed, the emergency manual opener is not available.

TECHNICAL SPECS

Stainless Steel Grade: 300 series 304, 304L, 316, 316L

Motor HP: 3/4HP, 1HP, 1.5HP, 2HP, 3HP.

Motor Type: AC induction brake motor

Motor Voltage: Single phase 230V, 3 phase 208V, and 3 phase 460V. 60Hz.

WARRANTY

The door is free of manufacturing defects in material and workmanship for a period of two years. The door will not warp, crack, or buckle under normal intended use as a door.



FREQUENTLY ASKED QUESTIONS

Does the exterior cladding get attached to the frame in the same way as the standard steel frame?

It is recommended to pre-drill the fastener holes first, as stainless steel is a harder material than the standard steel. Otherwise, the process is the same.

Does the frame ship to site in one piece?

Doors that are less than 20ft tall and 60ft wide arrive completely assembled and pre-wired. The door frame arrives folded in an "A" frame position. Larger doors are typically shipped split vertically or horizontally. Split doors do require minimal onsite assembly.

