816 in bronze with large TL lites

816 in carbon black with large TL lites

816 in polar white with large TL lites

COMMERCIAL 800 SERIES

3" Thick

814 / 816 / 832 / 833 / 832-20 / 833-20 / 870 / 880 / 890

INSULATED 800

The Architects' Choice For the Most Demanding Specifications

The outstanding features and benefits of the Haas 800 Series have made it the door of choice among commercial and industrial architects. The 800 series commercial insulated steel doors feature a full 3" pressure-injected core of high-density environmentally compliant polyurethane foam insulation with a tested U-Factor of 0.089 – the best in the commercial door industry. The 800 series is exceptionally strong and is reinforced with roll-formed galvanized steel struts and double-end hinges as required to meet or exceed local wind load specifications. It is the ideal door for locations that require both maximum energy efficiency and durable strength.

816 in polar white

800 QUICK GUIDE

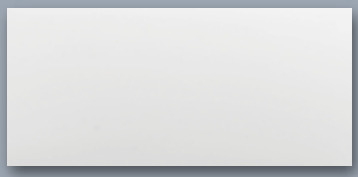
Model	Door Thickness	Tested U-Factor	Max. Door Size		End Stile Type	Section Skins		Color Options	Window Options
			Width	Height		Inside	Outside		
814	3″ (76.2mm)	0.089	38′-2″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	26 GA Flush Wood Grain Steel	All except Plank, Gray-wood, and Bi-Directionals	TL
816	3″ (76.2mm)	0.089	38′-2″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	26 GA V-Groove Wood Grain Steel	All except Plank, Gray-wood, and Bi-Directionals	TL
832	3″ (76.2mm)	.0.089	24′-2″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	20 GA Flush Smooth Steel	Polar White and Brown	TL
832-20	3″ (76.2mm)	0.089	24′-2″	32′-0″	16 GA Steel	20 GA V-Groove Smooth Steel	20 GA Flush Smooth Steel	Polar White and Brown	TL
833	3″ (76.2mm)	.0.089	38′-2″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	20 GA V-Groove Smooth Steel	Polar White and Brown	TL
833-20	3″ (76.2mm)	0.089	38′-2″	32′-0″	16 GA Steel	20 GA V-Groove Smooth Steel	20 GA V-Groove Smooth Steel	Polar White and Brown	TL
870	3″ (76.2mm)	0.089	24′-0″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	26 GA Ranch Panel Wood Grain Steel	All except Plank, Gray-wood, and Bi-Directionals	None
880	3″ (76.2mm)	0.089	24′-0″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	26 GA Standard Panel Wood Grain Steel	All except Plank, Gray-wood, and Bi-Directionals	None
890	3″ (76.2mm)	0.089	24′-0″	32′-0″	16 GA Steel	26 GA V-Groove Wood Grain Steel	26 GA Sculptured Panel Wood Grain Steel	All except Plank, Gray-wood, and Bi-Directionals	None

TL = TL Lites

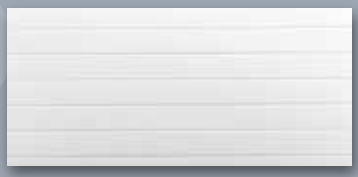
DOOR PANELS

Flush Wood Grain Panel
Model 814

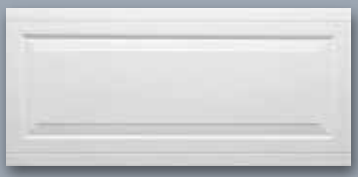
V-Groove Wood Grain Panel
Model 816



Flush Smooth Panel
Model 832, Model 832-20



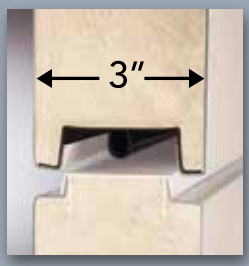
V-Groove Smooth Panel
Model 833, Model 833-20



Raised Ranch Wood Grain Panel
Model 870

Raised Standard Wood Grain Panel
Model 880

Raised Sculptured Wood Grain Panel
Model 890



A **Full Thermal Break** is used in the tongue-and-groove construction of all 800 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.

800 series doors include **Air Infiltration Seals**, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.

OPTIONS

800 Series Available Options

2" or 3" Track
Double Steel End Stiles
Exhaust Port
Cam Safety Device
Spring Bumpers
Chain Hoist
Operators
High Cycle Springs
Glazing (lites)
High Cycle Rollers
Wind Load & Impact
ASTM E 84 Fire Rated

Optional Exhaust Port
(interior view)

Wind Load