



CA220 in black anodized





CA220 in painted bronze



CA110 in clear anodized

# COMMERCIAL ALUMINUM SERIES

CA-220 / CA-110

## CA Clean Lines.

Haas CA-220 and CA-110 Aluminum Sectional Doors are strong, rugged and durable. A versatile product combining aluminum rails and stiles provides a strong-profiled frame structure with aluminum panels and a wide range of glazing choices. This is the ideal application for service stations, quick lube facilities, automobile dealerships and other facilities where strength, appearance and corrosion resistance are key factors.





CA220 in dark bronze anodized



CA220 in white



CA220 in clear anodized

## CA QUICK GUIDE

Model	Door Thickness	R-Value	Max. Door Size		End Stile Type	Center Stile	Rails		Panel and Glazing Types
			Width	Height			Meeting	Top & Bottom	
CA-220	1-3/4"	N/A	24'-2"	16'-0"	4" or 6" Aluminum (Size Dependant)	2" Aluminum	4" Aluminum	4" or 6" Aluminum (Size Dependant)	Polystyrene & Aluminum Laminated Panels  Various Types & Thicknesses of Glazing
CA-110	1 3/4"	N/A	16'-2"	14'-0"	3" Aluminum Upgradable to 4" or 6"	1" Aluminum	2" Aluminum	3" Aluminum Upgradable to 4" or 6"	Polystyrene & Aluminum Laminated Panels  Various Types & Thicknesses of Glazing

## CA-220 Heavy Duty Frame

The CA-220 Commercial Aluminum sections are assembled using .065" minimum aluminum alloy tubular type extrusions with thru-bolt construction. Sections are 1-3/4" thick. Any section height is available. Bottom rails, top rails and end stiles are 4" on doors up to 18'-2" wide. Doors greater than 18'-2" wide have 6" bottom rails and top rails. All doors wider than 12'-0" have built-in struts, and doors greater than 18'-2" wide have an additional "T" shaped cap strut. Standard color for the CA-220 is clear anodized, while color anodizing and special paint finishes are optional. Panels for solid sections are .040" stucco embossed or .050" smooth aluminum. A wide variety of glazing materials are available.



## CA-110 Narrow Line Frame

The CA-110 Commercial Aluminum sections are assembled using .065" minimum aluminum alloy, tubular type extrusions with thru-bolt construction. Sections are 1-3/4" thick. Any section height is available. Bottom rails, top rails and end stiles are 3" on doors up to 13'-11" wide. Doors greater than 13'-11" wide have 4" bottom rails. All doors wider than 12'-0" have built-in struts on each section. All aluminum is clear anodized as standard. Color anodizing and special paint finishes are optional. Panels for solid sections are .040" stucco embossed or .050" smooth aluminum. A wide variety of glazing materials are available.



### Available Options

2" or 3" Track	Pass Door (220 only)	Chain Hoist
Exhaust Port(s)	High Cycle Springs	Top Header Seal
Cam Safety Device	Wind Load (220 only)	Car Wash Cutout
Spring Bumpers	High Cycle Rollers	Security Bars

#### Pass Door (exterior view)



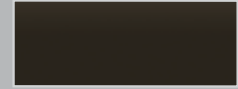
#### Optional Exhaust Port (interior view)



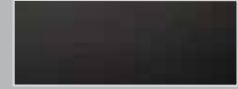
## COLOR OPTIONS



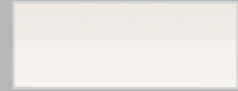
Clear Anodized



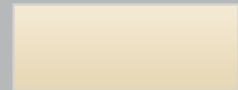
Dark Bronze Anodized



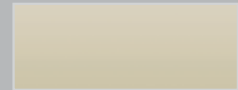
Black Anodized



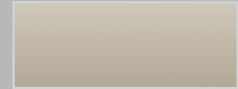
Polar White



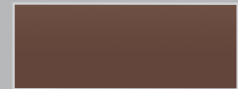
Almond



Sahara Tan



Sandstone



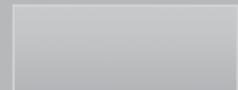
Brown



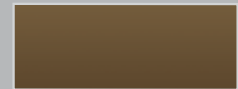
Hunter Green



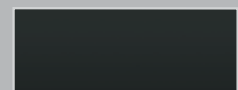
Charcoal



Gray



Painted Bronze



Painted Black

Due to the printing process, colors may vary. For an accurate color match, contact your Haas Door dealer.

CA-110 is only available in clear anodized, dark bronze anodized, black anodized, and polar white. CA-220 is available in all colors shown.