

FREEMAN MARINE Dutch doors perform like a single panel door when regular access is needed, yet the top half can be operated separately from the bottom half to improve ventilation and visibility. Heavy duty doors feature thick panel skins, extra internal reinforcements, no exposed seams and all welded construction to create a rugged closure in individually dogged versions. Heavy duty panels feature a lineal brushed finish, a FREEMAN trademark that creates a durable, uniform texture. When specified with optional yacht-quality paint to your color specifications, the 1520 Series welded construction results in a smooth, seamless appearance that features long lasting beauty. Doors offer welded in windows and can accommodate special glazing. Solidly constructed and fully insulated, heavy duty Dutch doors are suitable for the following typical high traffic access installations:

- Pilothouse • Galley • Salon • Main Deck

**DUTCH, HEAVY-DUTY DESIGN FEATURES**

- Custom Sizing, width and height
- .160"~.250" Thick Aluminum Panel Skins
- Welded Frame and Skin Construction
- Gasket on Door Panel for Long Life and Positive Sealing
- Gasketed Joint Between Upper and Lower Panels
- Radius or Mitered Corners
- Bolt-in, Weld-in or Clamp-in Frames
- Added Internal Stiffeners
- Lineal Sanded Finish
Yacht-quality painted finish (avail)
- Stainless Steel Dog Shafts
- Cast Aluminum Handles, powder coat (opt avail)
- Glass Filled Striker Wedges
- Solid Insulation (opt materials avail)
- Stainless Steel Hinges (opt avail)
- Stainless Steel Fasteners
- Welded In Window, glazing and tint (opt avail)

Heavy Duty Dutch doors are custom fabricated to each applications specific needs.



Narrow window,
Wide access door,
Aluminum bolt in frame,
Painted



Clamp-in window,
Top panel open



Wide window,
Steel weld-in frame

Interior polished
hardware,
With roses,
Fixed stop



Interior satin
hardware,
Escutcheon plates,
Powder coated dogs



Panel top,
Edge detail



Oval window,
Polished hardware,
Bolt-in aluminum frame,
Painted



Large radius
window, Aluminum
weld-in frame,
To be yard painted



Window,
Steel flange,
Bolt-in



Widest upper
half window,
Polished dogs,
Aluminum
weld-in frame, Painted

Panel bottom,
Sealing detail



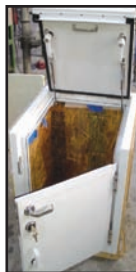
Hinge,
Bolt-on ,
(Use w/ fixed stop),
Polished finish



Hinge, Bolt-on,
(Use w/ adjustable stop),
Satin finish



Knuckle, Dutch, Sundeck,
Flybridge, Closed



Knuckle,
Dutch, Open



Knuckle, Dutch,
View port, Open



Knuckle, Dutch,
View port, Open



Knuckle, Dutch,
Installed, (Note skylight
top and locker door)



Knuckle,
Dutch,
View port



Knuckle,
Dutch,
Flybridge,
Installed



Knuckle,
Dutch,
Two styles