



DUTCH DOORS

General Information:

- Shelf available on either hinge face, stop face or centered both faces
- Shelf must be factory installed
- 1-1/8" shelf core thickness, 1-1/4" nominal shelf thickness with face applied
- Brackets are not required or supplied
- If there is no shelf, the top rail of the bottom leaf will have the same material as the face applied
- Standard shelf depths are:
 - Single sided: 6", 8" and 10" (from back of door to front of shelf)
 - Double sided: 8", 10" and 14" (from front of shelf to front of shelf)
- Standard clearance is 1/8" between leaves with shelf face applied
- Door thickness: 1-3/4"
- When latching from top to bottom, latch throw may interfere with shelf and cause damage
- 5" minimum stile or rail width dimension required from all edges including Dutch cut

20-Min Applications:

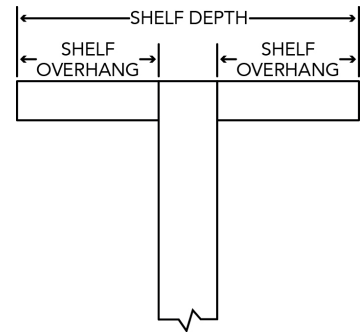
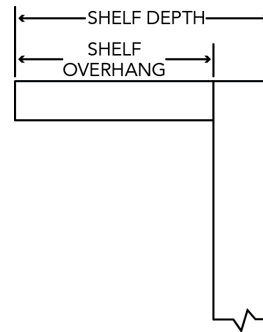
VT offers a 20min Cat A Dutch door allows up to 4'0" wide x 8'0" high (opening size). This approval also allows the Dutch door to be provided with a single shelf or without a shelf. Top and bottom leaves are not available to be sold separately for rated Dutch doors.

Requirements for 20-minute Dutch Doors:

- All hardware must be 20-minute listed or better
- All hardware and hardware configurations must meet NFPA 80 requirements
- Fire labels are required on top and bottom leaves
- A maximum 1/8" (3.2mm) clearance between the top leaf and the bottom leaf of Dutch door
- Dutch cut maximum 40" AFF
- Single Swing Only, Maximum Size: 4'0" wide x 8'0" high (Top leaf: 4'0" wide x 4'6" high) Door thickness: 1-3/4"
- Intumescent strip mortised into the bottom rail of the top leaf
- Astragals are required if both leaves are not self-closing
 - Aluminum flat astragals must be mounted on the bottom rail of the top leaf
- Astragals must not interfere with door latching or self-closing or shelf (See Figure A and Figure B)
 - Shelf restricted to one side only (Must allow for closing and latching)
 - When an astragal is used, the latch is only required in one leaf where the latched leaf prevents the second leaf from opening
 - Closing coordinator required
- All labeled openings require doors to be self-closing and have self-latch latching devices
 - Self-closing:
 - Both leaves may include independent closers; a closer may be used on one leaf with an approved astragal between the leaves serving to close the second leaf
 - Spring hinges may be used to close one or both leaves (in accordance with the hinge listing or leaf sizes per NFPA-80)
 - Latching:
 - Both leaves must automatically latch into the door frame; or top leaf must latch into bottom leaf and bottom leaf must latch into frame using listed latch sets

Standard Shelf Depth and Overhang:

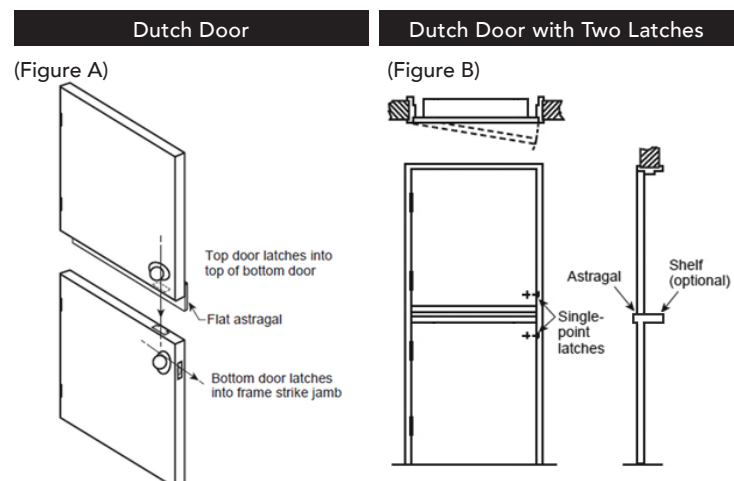
SIDED	SHELF DEPTH (NORMAL)	OVERHANG (NORMAL)
Single	6"	4-1/4"
	8"	6-1/4"
	10"	8-1/4"
Double	8"	3-1/8" /side
	10"	4-1/8" /side
	14"	6-1/8" /side



Standard Width of Shelf:

- Standard shelf width is 4" less than the frame opening width

OPENING WIDTH	STANDARD SHELF WIDTH
36"	32"
38"	34"
40"	36"
42"	38"
44"	40"

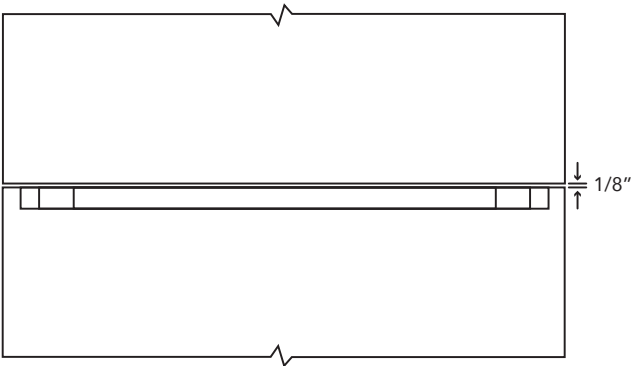




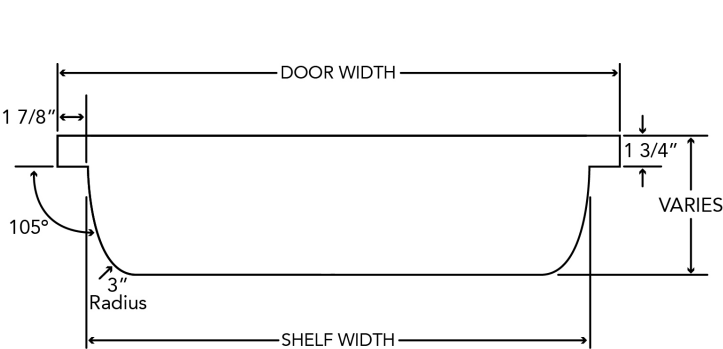
DUTCH DOORS

Single Sided Shelf Details:

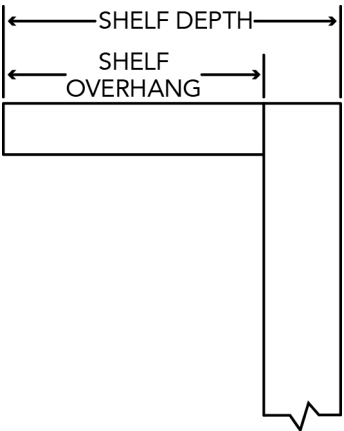
Face View



Top View

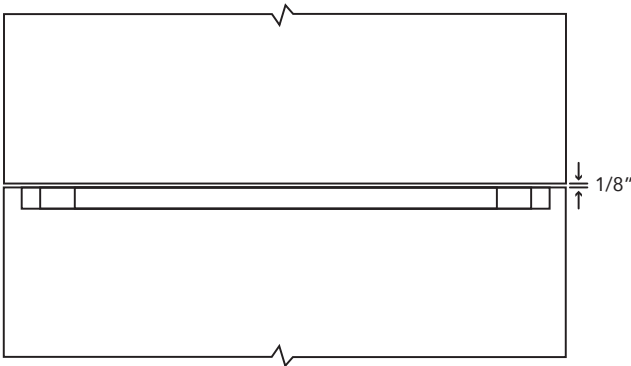


Cross Section View

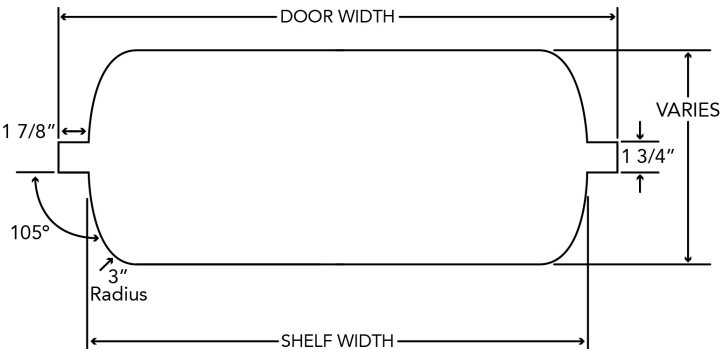


Double Sided Shelf Details:

Face View



Top View



Cross Section View

