

Lowell Dual-Door Frame

Description:

The LDDF is a dual-door frame used to separate and secure equipment in a single rack installation. It can be used to mount a single short door (leaving part of the rack open), two short doors (keyed the same), or two short doors (keyed differently). Suitable for Lowell rack series noted below, the 1"D frame is factory-installed when ordered with a rack or it can be field-installed without drilling or removing pre-wired equipment. It face-mounts using (4) 10-32 x 5/8" hex washer-head machine screws (included) to top and bottom nutserts on rack (typically used to mount door hinges). **Security Bracket** (included) mounts to top of lower door, completing the dual-door system. The bracket projects into the rack to within 1/4" of mounting rails to secure contents of lower section when top door is open. Bracket is factory-installed when frame is ordered with rack. It can also be field-installed with two screws. Bracket can be field-changed to bottom of upper door or not used at all. *NOTE: since bracket extends to within 1/4" of mounting rails, equipment with protruding knobs may need to be repositioned.*

Features:

- Frame separates and secures equipment in a single rack installation, allowing top and bottom doors to be keyed differently.
- Mounts without using panel mounting space.
- Use with or without security bracket (included).
- For rack series: LER, LGR, LPR, LSER, LSGR and LWR.

Front Doors: (order separately)

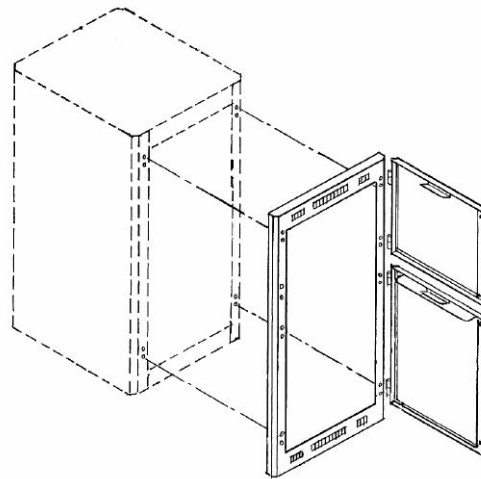
- See LFD door selections on next page. Doors can be keyed differently by selecting a standard door lock for the top door (lock is black), and rear door lock for the bottom door (lock is chrome and is designated with "RL" in the model no.). Doors mount with left or right swing.

A&E Specifications:

For separated and secured accessibility to rackmounted equipment, the rack shall be equipped with a surface-mounting dual front door system. The system shall include dual door frame Model _____, top door Model _____ and bottom door Model _____. The surface-mount, 16-gauge steel frame shall extend 1" from the face of the rack and the surface-mount doors shall extend 1" from the frame. Frame and doors shall attach without drilling to factory installed, threaded inserts. Inserts are located on the right and left to accommodate mounting on either side. Top and bottom doors (shall be keyed differently for security and) shall be (16-ga. solid steel, fully-vented steel or 16-ga. steel frame with smoked Plexiglas insert). Frame and doors shall be finished with black powder epoxy paint.



Frame mounts to rack with (4) 10-32 x 5/8" screws provided. Mount screws into top two nutserts and bottom two nutserts (back screw out slightly). Frame mounts over screwheads using keyhole slots on rear of frame.



The security bracket keeps contents in bottom section secure when top door is open. Bracket projects into rack to within 1/4" of the mounting rails and is factory installed when the frame and doors are ordered with the rack. For field installation, two 8-32 x .5" machine screws are provided.

Model No.	Description	Rack Units	Former No.
LDDF-21	Dual-Door Frame for 21U rack (mounts LFD-series 7U door on top & 14U door on bottom)	21	L46-36
LDDF-24	Dual-Door Frame for 24U rack (mounts LFD-series 10U door on top & 14U door on bottom)	24	L46-42
LDDF-35	Dual-Door Frame for 35U rack (mounts LFD-series 14U door on top & 21U door on bottom)	35	L46-61
LDDF-40	Dual-Door Frame for 40U rack (mounts LFD-series 16U door on top & 24U door on bottom)	40	L46-70
LDDF-44*	Dual-Door Frame for 44U rack (mounts LFD-series 21U door on top & 24U door on bottom)	44	L46-77

*Note: LFD-series doors measuring 21U on top and 24U on bottom will fit the LDDF-44 dual door frame. Doors are sold separately from dual-door frame.



LFD front doors for racks (solid steel, fully-vented or smoked Plexiglas) are engineered to work with the LDDF dual-door frame. Order separately.

NOTE: Models in the grey shaded area ("RL" suffix) have locks that are keyed differently than standard front door locks and are only for use with the dual-door frame system.

<i>Model No.</i>	<i>Description</i>	<i>Former No.</i>
LFD-7	7U solid door with lock	L2150-12
LFD-7FV	7U full-vent door with lock	L2150-12PF
LFD-7P	7U Plexiglas door with lock	L2150-12P
LFD-10	10U solid door with lock	L2150-17
LFD-10FV	10U full-vent door with lock	L2150-17PF
LFD-10P	10U Plexiglas door with lock	L2150-17P
LFD-12	12U solid door with lock	L2150-21
LFD-12FV	12U full-vent door with lock	L2150-21PF
LFD-12P	12U Plexiglas door with lock	L2150-21P
LFD-14	14U solid door with lock	L2150-24
LFD-14FV	14U full-vent door with lock	L2150-24PF
LFD-14P	14U Plexiglas door with lock	L2150-24P
LFD-16	16U solid door with lock	L2150-28
LFD-16FV	16U full-vent door with lock	L2150-28PF
LFD-16P	16U Plexiglas door with lock	L2150-28P
LFD-18	18U solid door with lock	
LFD-18FV	18U full-vent door with lock	
LFD-18P	18U Plexiglas door with lock	
LFD-21	21U solid door with lock	L2150-36
LFD-21FV	21U full-vent door with lock	L2150-36PF
LFD-21P	21U Plexiglas door with lock	L2150-36P
LFD-24	24U solid door with lock	L2150-42
LFD-24FV	24U full-vent door with lock	L2150-42PF
LFD-24P	24U Plexiglas door with lock	L2150-42P
LFD-35	35U solid door with lock	L2150-61
LFD-35FV	35U full-vent door with lock	L2150-61PF
LFD-35P	35U Plexiglas door with lock	L2150-61P
LFD-40	40U solid door with lock	L2150-70
LFD-40FV	40U full-vent door with lock	L2150-70PF
LFD-40P	40U Plexiglas door with lock	L2150-70P
LFD-44	44U solid door with lock	L2150-77
LFD-44FV	44U full-vent door with lock	L2150-77PF
LFD-44P	44U Plexiglas door with lock	L2150-77P
LK-FD	(2) extra keys for front door lock	
LFD-7RL	7U solid door with lock (keyed same as rear door)	
LFD-10RL	10U solid door with lock (keyed same as rear door)	
LFD-14RL	14U solid door with lock (keyed same as rear door)	L2150-24-RL
LFD-14FVRL	14U full-vent door with lock (keyed same as rear door)	L2150-24PF-RL
LFD-14PRL	14U Plexiglas door with lock (keyed same as rear door)	L2150-24P-RL
LFD-16RL	16U solid door with lock (keyed same as rear door)	
LFD-21RL	21U solid door with lock (keyed same as rear door)	L2150-36-RL
LFD-21FVRL	21U full-vent door with lock (keyed same as rear door)	L2150-36PF-RL
LFD-21PRL	21U Plexiglas door with lock (keyed same as rear door)	L2150-36P-RL
LFD-24RL	24U solid door with lock (keyed same as rear door)	L2150-42-RL
LFD-24FVRL	24U full-vent door with lock (keyed same as rear door)	L2150-42PF-RL
LFD-24PRL	24U Plexiglas door with lock (keyed same as rear door)	L2150-42P-RL