LPR Series - Racks w/Solid Front Door, pg 1
LPR-FV Series - Racks w/Fully-Vented Front Door, pg 3
LPR-PGT Series - Racks w/Plexiglass Front Door, pg 5
LPR Series Technical Drawings - pg 7

LPR Series

Portable Rack with Surface-Mount Front Door

Panel Space:	14, 21, and 24U
Overall Depth:	22" [559] and 27" [686]
Overall Width:	23.06" [586]
Load Capacity:	900 lbs. [408 kg] — UL Listed

FEATURES

CONSTRUCTION: Fully-welded USA-certified steel, 16-gauge frame and 14-gauge base reinforced at all load-bearing junctions. Black-textured powder-coat finish. Beveled edge corners.

FRONT: Reversible (left or right swing) solid steel surface-mount door, with recessed handle and keyed lock, extends 1" from frame. Vents in frame above and below door.

REAR: Reversible recessed door with upper/lower vents and keyed lock. Knockouts in frame above and below door feature combination EKOs for conduit (1/2"–3/4" and 1"–1-1/2"). Top panels also include KOs for wireless antennae (1/2").

SIDES: Welded sides feature handles and upper and lower vents.

BOTTOM: Solid bottom. Set of 4 heavy duty swivel casters (2 locking) ship inside rack for field installation. Casters add 5.19" to overall rack height.

TOP: Solid steel top with dimples to field-mount optional overhanging laminate top (order separately).

CABLE MANAGEMENT: Combination knockouts in rear panels. Generous space for managing wire between front rails and front-to-rear rail supports.

RACK RAILS: One-pair fully-adjustable 11-gauge steel 10-32 threaded rails with black finish and numbered RU increments.

HARDWARE: Black pilot point screws with captive washers for quick installation.

COMPLIANCE: UL 2416 Listed in USA and Canada. EIA/TIA compliant, TAA compliant, and BAA compliant

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LPR Series - Racks w/Solid Front Door, pg 1
LPR-FV Series - Racks w/Fully-Vented Front Door, pg 3
LPR-PGT Series - Racks w/Plexiglass Front Door, pg 5
LPR Series Technical Drawings - pg 7

OPTIONAL ACCESSORIES

- RRD Series: Additional pair of rack rails.
- LGT Series: Premium Graphite Grey laminate top with rubber edge molding (overhangs rack).
- FW2-RDT: Rear door fan panel with whisper fans and thermostat cord.
- FW1-KITT: Single whisper-quiet fan for spot cooling (mounts to side vent pattern on Lowell racks).

A&E SPECIFICATIONS – LPR SERIES

The EIA/TIA compliant, portable 19" equipment rack shall be Lowell model LPR-_____ with overall dimensions of _____"H (without casters) x _____"D x 23.06"W; usable height of ____ rack units, and usable depth of _____". It shall include one-pair swivel and one-pair swivel/locking casters which shall be field installed and increase overall height 5.19". Rack construction shall be fully-welded USA-certified steel with 16-gauge frame and 14-gauge bottom reinforced at load-bearing junctions, all with black-textured powder-coat finish. Welded sides shall feature handles and vents. The rack shall include a recessed rear door with upper/lower vents and keyed lock, and a solid steel surface-mount front door with integral handle and keyed lock. The rear frame shall feature removable knockout panels above and below door with 1/2"–3/4" and 1"-1-1/2" EKOs for conduit—upper panels shall also include 1/2" KOs for wireless antennae. The front frame shall feature vents above and below the door. Rack top and bottom shall be solid steel. The rack shall include one-pair of fully-adjustable 11-gauge steel rails tapped 10-32 on 19" EIA spacing with black finish and numbered rack unit increments. The UL 2416 Listed rack shall be manufactured in the USA with a UL load capacity of 900 lbs. It shall be Trade Agreements Act (TAA) compliant, and Buy American Act (BAA) compliant.

LPR SERIEIS SUMMARY

Model No.	*"A" Rack Units*	*"B" Rack Depth**	*Usable Depth*	*Rack Width**	*"C" Height without casters**	*"D" Height with casters**	*Adj. Rails*	*Front Door*	*Rear Door*	*Rack Top*	*UL Listed Load Capacity*
LPR-1422	14 U	22.00 [559]	19.34 [491]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Solid Steel	Vented	Steel	900 lbs
LPR-2122	21 U	22.00 [559]	19.34 [491]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Solid Steel	Vented	Steel	900 lbs
LPR-1427	14 U	27.00 [686]	24.34 [618]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Solid Steel	Vented	Steel	900 lbs
LPR-2127	21 U	27.00 [686]	24.34 [618]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Solid Steel	Vented	Steel	900 lbs
LPR-2427	24 U	27.00 [686]	24.34 [618]	23.06 [586]	48.13 [1222]	53.31 [1354]	1 pr	Solid Steel	Vented	Steel	900 lbs

*Rounded rack dimensions – inches [mm]; 1U = 1.75"; * Dimensions shown do not include the front door or optional laminate top*

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LPR Series - Racks w/Solid Front Door, pg 1
LPR-FV Series - Racks w/Fully-Vented Front Door, pg 3
LPR-PGT Series - Racks w/Plexiglass Front Door, pg 5
LPR Series Technical Drawings - pg 7

LPR-FV Series

Portable Rack with Fully-Vented Front Door

Panel Space:	14, 21, and 24U
Overall Depth:	22" [559] and 27" [686]
Overall Width:	23.06" [586]
Load Capacity:	900 lbs. [408 kg] — UL Listed

FEATURES

CONSTRUCTION: Fully-welded USA-certified steel, 16-gauge frame and 14-gauge base reinforced at all load-bearing junctions. Black-textured powder-coat finish. Beveled edge corners.

FRONT: Reversible (left or right swing) fully-vented surface-mount door, with recessed handle and keyed lock, extends 1" from frame. Vents in frame above and below door.

REAR: Reversible recessed door with upper/lower vents and keyed lock. Knockouts in frame above and below door feature combination EKOs for conduit (1/2"–3/4" and 1"–1-1/2"). Top panels also include KOs for wireless antennae (1/2").

SIDES: Welded sides feature handles and upper and lower vents.

BOTTOM: Solid bottom. Set of 4 heavy duty swivel casters (2 locking) ship inside rack for field installation. Casters add 5.19" to overall rack height.

TOP: Solid steel top with dimples to field-mount optional overhanging laminate top (order separately).

CABLE MANAGEMENT: Combination knockouts in rear panels. Generous space for managing wire between front rails and front-to-rear rail supports.

RACK RAILS: One-pair fully-adjustable 11-gauge steel 10-32 threaded rails with black finish and numbered RU increments.

HARDWARE: Black pilot point screws with captive washers for quick installation.

COMPLIANCE: UL 2416 Listed in USA and Canada. EIA/TIA compliant, TAA compliant, and BAA compliant

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OPTIONAL ACCESSORIES

- RRD Series: Additional pair of rack rails.
- LGT Series: Premium Graphite Grey laminate top with rubber edge molding (overhangs rack).
- FW2-RDT: Rear door fan panel with whisper fans and thermostat cord.
- FW1-KITT: Single whisper-quiet fan for spot cooling (mounts to side vent pattern on Lowell racks).

A&E SPECIFICATIONS – LPR-FV SERIES

The EIA/TIA compliant, portable 19" equipment rack shall be Lowell model LPR-_____FV with overall dimensions of _____"H (without casters) x _____"D x 23.06"W; usable height of ____ rack units, and usable depth of _____". It shall include one-pair swivel and one-pair swivel/locking casters which shall be field installed and increase overall height 5.19". Rack construction shall be fully-welded USA-certified steel with 16-gauge frame and 14-gauge bottom reinforced at load-bearing junctions, all with black-textured powder-coat finish. Welded sides shall feature handles and vents. The rack shall include a recessed rear door with upper/lower vents and keyed lock, and a fully-vented surface-mount front door with integral handle and keyed lock. The rear frame shall feature removable knockout panels above and below door with 1/2"–3/4" and 1"-1-1/2" EKOs for conduit—upper panels shall also include 1/2" KOs for wireless antennae. The front frame shall feature vents above and below the door. Rack top and bottom shall be solid steel. The rack shall include one-pair of fully-adjustable 11-gauge steel rails tapped 10-32 on 19" EIA spacing with black finish and numbered rack unit increments. The UL 2416 Listed rack shall be manufactured in the USA with a UL load capacity of 900 lbs. It shall be Trade Agreements Act (TAA) compliant, and Buy American Act (BAA) compliant.

LPR-FV SERIEIS SUMMARY

Model No.	*Rack Units*	*Rack Depth**	*Usable Depth*	*Rack Width**	*Height without casters**	*Height with casters**	*Adj. Rails*	*Front Door*	*Rear Door*	*Rack Top*	*UL Listed Load Capacity*
LPR-1422FV	14 U	22.00 [559]	19.34 [491]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Fully-vented	Vented	Steel	900 lbs
LPR-2122FV	21 U	22.00 [559]	19.34 [491]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Fully-vented	Vented	Steel	900 lbs
LPR-1427FV	14 U	27.00 [686]	24.34 [618]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Fully-vented	Vented	Steel	900 lbs
LPR-2127FV	21 U	27.00 [686]	24.34 [618]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Fully-vented	Vented	Steel	900 lbs
LPR-2427FV	24 U	27.00 [686]	24.34 [618]	23.06 [586]	48.13 [1222]	53.31 [1354]	1 pr	Fully-vented	Vented	Steel	900 lbs

*Rounded rack dimensions – inches [mm]; 1U = 1.75"; * Dimensions shown do not include the front door or optional laminate top*

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LPR Series - Racks w/Solid Front Door, pg 1
LPR-FV Series - Racks w/Fully-Vented Front Door, pg 3
LPR-PGT Series - Racks w/Plexiglass Front Door, pg 5
LPR Series Technical Drawings - pg 7

LPR-PGT Series

Portable Rack with Smoked-Plexiglass Front Door

Panel Space:	14, 21, and 24U
Overall Depth:	22" [559] and 27" [686]
Overall Width:	23.06" [586]
Load Capacity:	900 lbs. [408 kg] — UL Listed

FEATURES

CONSTRUCTION: Fully-welded USA-certified steel, 16-gauge frame and 14-gauge base reinforced at all load-bearing junctions. Black-textured powder-coat finish. Beveled edge corners.

FRONT: Reversible (left or right swing) smoked plexiglass surface-mount door, with recessed handle and keyed lock, extends 1" from frame. Vents in frame above and below door.

REAR: Reversible recessed door with upper/lower vents and keyed lock. Knockouts in frame above and below door feature combination EKOs for conduit (1/2"–3/4" and 1"–1-1/2"). Top panels also include KOs for wireless antennae (1/2").

SIDES: Welded sides feature handles and upper and lower vents.

BOTTOM: Solid bottom. Set of 4 heavy duty swivel casters (2 locking) ship inside rack for field installation. Casters add 5.19" to overall rack height.

TOP: Includes premium Graphite Grey laminate top with rubber edge molding that attaches to (and overhangs) the rack's steel top. The premium top measures 1"H x 29.06"D x 24.69"W.

CABLE MANAGEMENT: Combination knockouts in rear panels. Generous space for managing wire between front rails and front-to-rear rail supports.

RACK RAILS: One-pair fully-adjustable 11-gauge steel 10-32 threaded rails with black finish and numbered RU increments.

HARDWARE: Black pilot point screws with captive washers for quick installation.

COMPLIANCE: UL 2416 Listed in USA and Canada. EIA/TIA compliant, TAA compliant, and BAA compliant

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OPTIONAL ACCESSORIES

- RRD Series: Additional pair of rack rails.
- FW2-RDT: Rear door fan panel with whisper fans and thermostat cord.
- FW1-KITT: Single whisper-quiet fan for spot cooling (mounts to side vent pattern on Lowell racks).

A&E SPECIFICATIONS – LPR-PGT SERIES

The EIA/TIA compliant, portable 19" equipment rack shall be Lowell model LPR-_____PGT with rack dimensions of _____"H x _____"D x 23.06"W (without casters or laminate top); usable height of ____ rack units, and usable depth of _____". It shall include one-pair swivel and one-pair swivel/locking casters which shall be field installed and increase overall height 5.19". Rack construction shall be fully-welded USA-certified steel with 16-gauge frame and 14-gauge bottom reinforced at load-bearing junctions, all with black-textured powder-coat finish. Welded sides shall feature handles and vents. The rack shall include a recessed rear steel door with upper/lower vents and keyed lock, and a smoked plexiglass surface-mount front door with integral handle and keyed lock. The rear frame shall feature knockout panels above and below door with 1/2"–3/4" and 1"-1-1/2" EKOs for conduit—upper panels shall also include 1/2" KOs for wireless antennae. The front frame shall feature vents above and below the door. Rack top and bottom shall be solid steel, the rack shall include an overhanging laminate top with rubber edge molding (1"H x 29.06"D x 24.69"W). The rack shall include one-pair of fully-adjustable 11-gauge steel rails tapped 10-32 on 19" EIA spacing with black finish and numbered rack unit increments. The UL 2416 Listed rack shall be manufactured in the USA with a UL load capacity of 900 lbs. It shall be Trade Agreements Act (TAA) compliant, and Buy American Act (BAA) compliant.

LPR-PGT SERIEIS SUMMARY

Model No.	*"A" Rack Units*	*"B" Rack Depth**	*Usable Depth*	*Rack Width**	*"C" Height without casters**	*"D" Height with casters**	*Adj. Rails*	*Front Door*	*Rear Door*	*Rack Top*	*UL Listed Load Capacity*
LPR-1422PGT	14 U	22.00 [559]	19.34 [491]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Smk. Plexiglass	Vented	Steel+Laminate**	900 lbs
LPR-2122PGT	21 U	22.00 [559]	19.34 [491]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Smk. Plexiglass	Vented	Steel+Laminate**	900 lbs
LPR-1427PGT	14 U	27.00 [686]	24.34 [618]	23.06 [586]	30.63 [778]	35.81 [910]	1 pr	Smk. Plexiglass	Vented	Steel+Laminate**	900 lbs
LPR-2127PGT	21 U	27.00 [686]	24.34 [618]	23.06 [586]	42.88 [1089]	48.07 [1221]	1 pr	Smk. Plexiglass	Vented	Steel+Laminate**	900 lbs
LPR-2427PGT	24 U	27.00 [686]	24.34 [618]	23.06 [586]	48.13 [1222]	53.31 [1354]	1 pr	Smk. Plexiglass	Vented	Steel+Laminate**	900 lbs

*Rounded rack dimensions – inches [mm]; 1U = 1.75"; * Dimensions shown do not include the front door or laminate top; ** Laminate top w/rubber edge molding overhangs rack*

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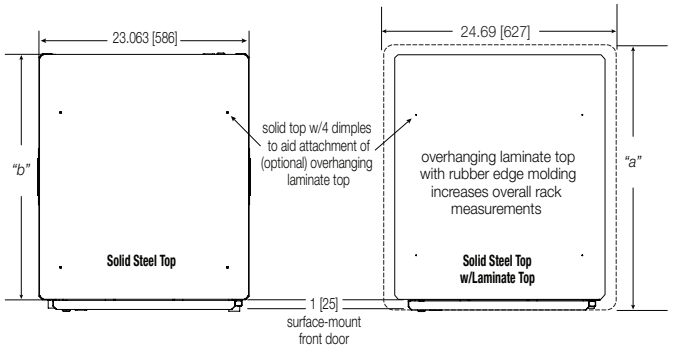
TECHNICAL DRAWINGS

Dimensions are inches and [mm] unless stated otherwise.

TOP VIEWS



Solid Top Models w/ Solid Steel Door

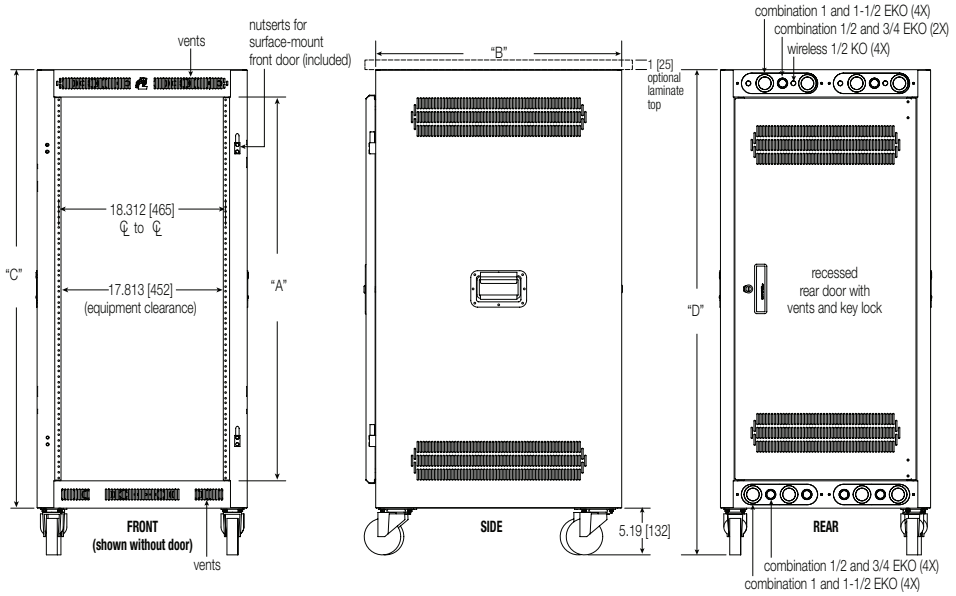
LPR-1422	*b = 22.00 [559]*
LPR-2122	*b = 22.00 [559]*
LPR-1427	*b = 27.00 [686]*
LPR-2127	*b = 27.00 [686]*
LPR-2427	*b = 27.00 [686]*

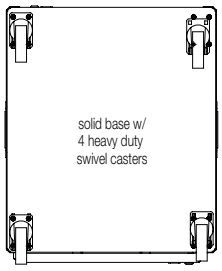
Solid Top Models w/ Fully-Vented Door

LPR-1422FV	*b = 22.00 [559]*
LPR-2122FV	*b = 22.00 [559]*
LPR-1427FV	*b = 27.00 [686]*
LPR-2127FV	*b = 27.00 [686]*
LPR-2427FV	*b = 27.00 [686]*

Laminate Top Models w/ Plexiglass Door

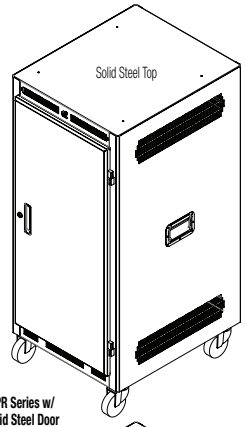
LPR-1422PGT	*a = 24.06 [611]*
LPR-2122PGT	*a = 24.06 [611]*
LPR-1427PGT	*a = 29.06 [738]*
LPR-2127PGT	*a = 29.06 [738]*
LPR-2427PGT	*a = 29.06 [738]*



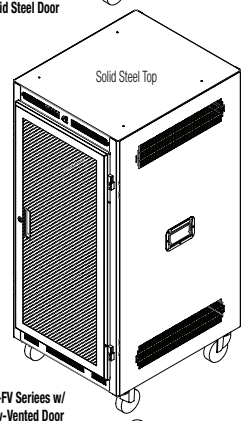


BOTTOM

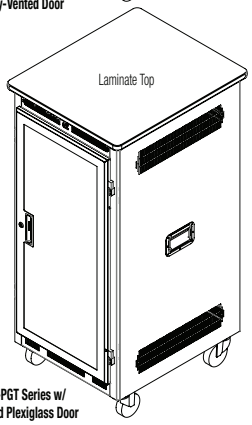
SURFACE-MOUNT FRONT DOORS



LPR Series w/ Solid Steel Door



LPR-FV Seriees w/ Fully-Vented Door



LPR-PGT Series w/ Smoked Plexiglass Door

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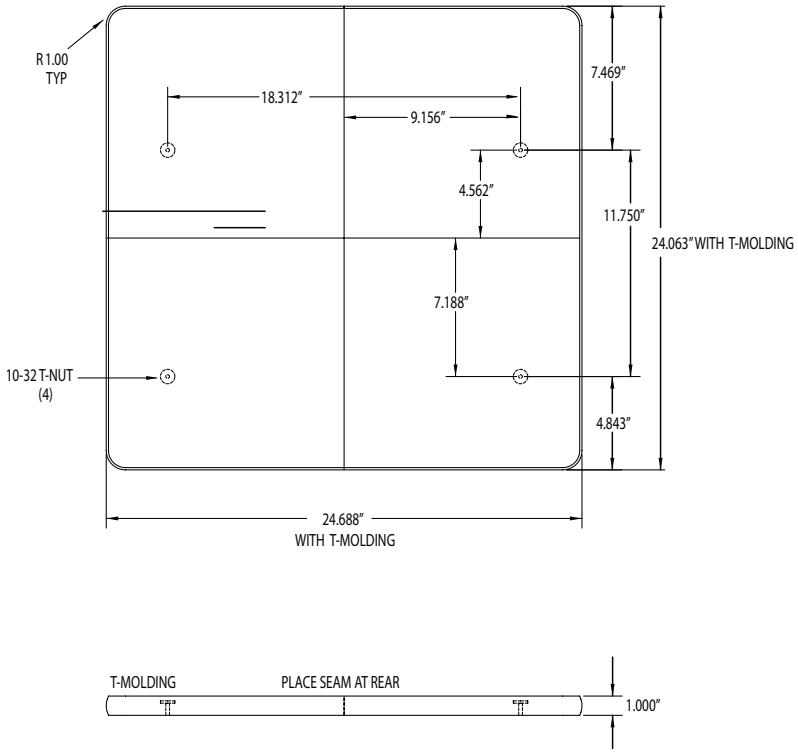
SERIES SPECIFIC ACCESSORIES — LAMINATE TOP

Model LGT-22

For LPR rack models (sold separately):
- LPR-1422
- LPR-2122

For LPR-FV rack models (sold separately):
- LPR-1422FV
- LPR-2122FV

For LPR-PGT rack models (included):
- LPR-1422PGT
- LPR-2122PGT

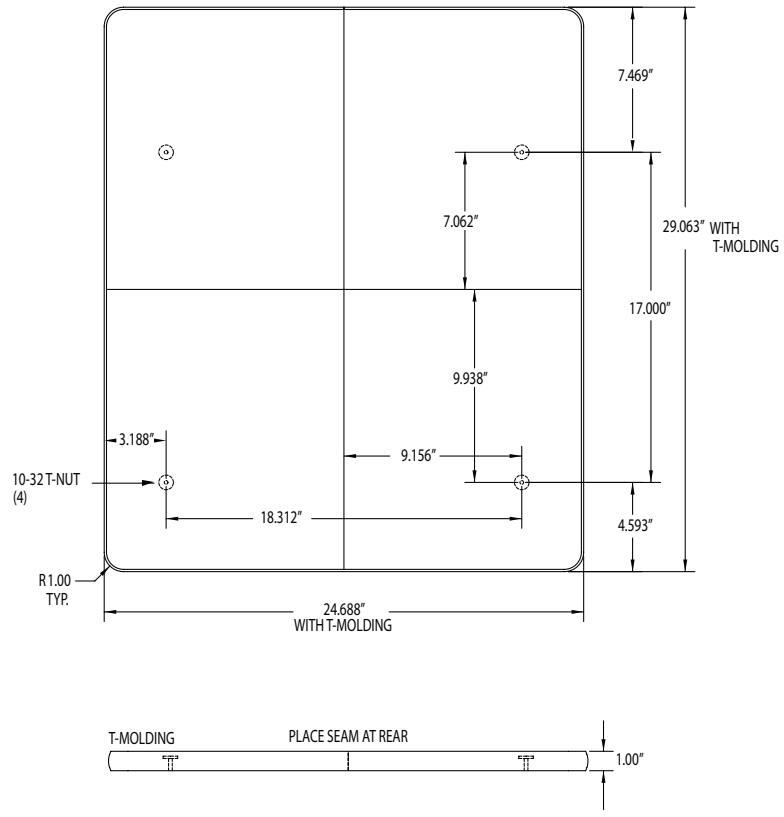


Model LGT-27

For LPR rack models (sold separately):
- LPR-1427
- LPR-2127
- LPR-2427

For LPR-FV rack models (sold separately):
- LPR-1427FV
- LPR-2127FV
- LPR-2427FV

For LPR-PGT rack models (included):
- LPR-1427PGT
- LPR-2127PGT
- LPR-2427PGT



► = *accessory fits LPR Series models*

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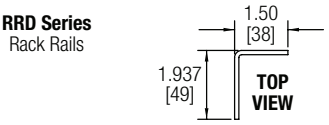
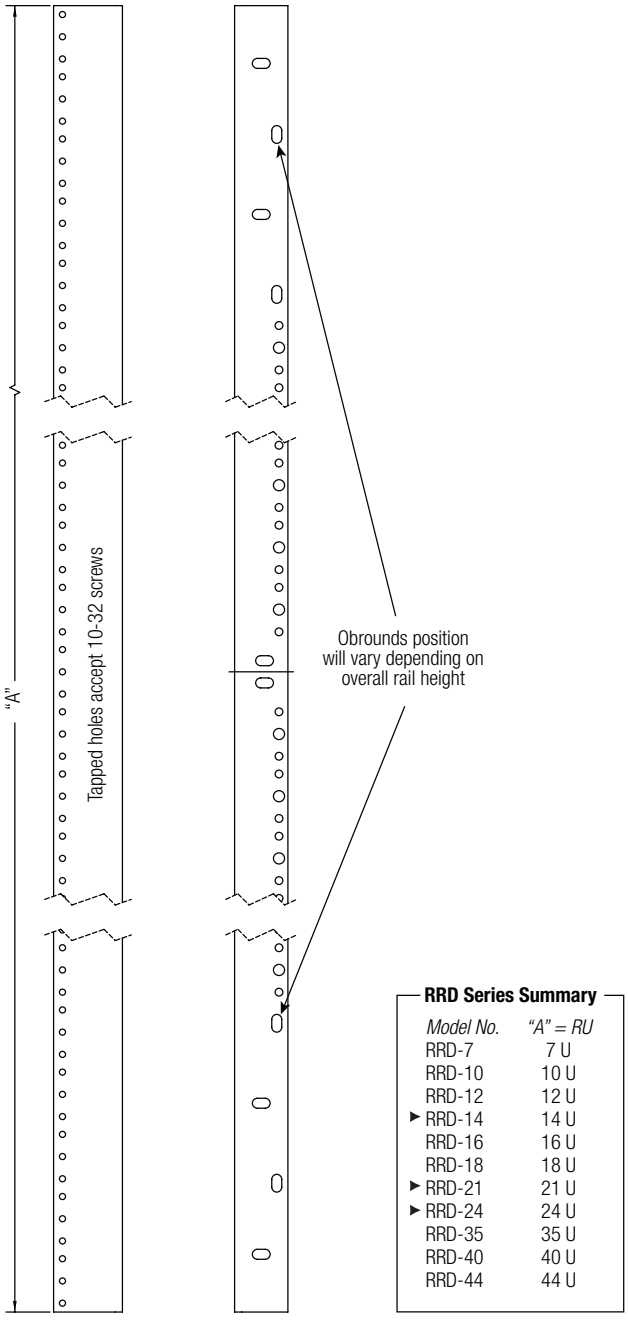
SERIES SPECIFIC ACCESSORIES — ADDITIONAL RACK RAILS

RRD Series
Rack Rails





RRD Series Summary

Model No.	*"A" = RU*
RRD-7	7 U
RRD-10	10 U
RRD-12	12 U
▶ RRD-14	14 U
RRD-16	16 U
RRD-18	18 U
▶ RRD-21	21 U
▶ RRD-24	24 U
RRD-35	35 U
RRD-40	40 U
RRD-44	44 U

▶ = *accessory fits LPR Series models*

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