

T-SERIES ENTERPRISE

Server and Network Cabinets

Legrand T-Series Cabinets are designed for applications that require an extremely robust and durable enclosure solution. T-Series is built on a fully welded, tubular steel frame with a static load rating of 4,000 pounds.

With a dynamic load rating of 3,000 pounds, the T-Series is ideal for “rack and stack applications” in which cabinets are loaded with equipment off-site and rolled into place fully configured.

The Legrand T-Series solution is available in 24”, 30” and 31.5” widths and either 42” or 48” deep. Heights up to 51U are available as standard configurations.

Legrand offers a wide variety of airflow and cable management accessories that may be factory configured to your exact specifications, or shipped separately for field installation.

Choose from a wide variety of door, top panel and side panel options to configure the cabinet solution that best fits your installation, be it a server rack or network cabinet. The Legrand T-Series does it all!



HEAVY DUTY

- ✓ 4,000 lbs Static Load
- ✓ 3,000 lbs Dynamic Load Rating

RACK & STACK

- ✓ IDEAL for Rack & Stack applications

VERSATILE

- ✓ Many sizes and configurations available

FEATURES

The T-Series Fully Welded, Tubular Steel Frame provides a robust and versatile platform that can be outfitted to meet even the most rigorous applications.



Heights from 42RU, 45RU, 48RU and 51RU; widths of 24", 30" and 31.5" with depths of 42" and 48" to choose from. The Legrand T-Series Cabinet solution is perfect for either server or network applications. The tubular construction is ideal for third party "rack and stack" projects where the cabinet is populated with equipment and cabling in one place and shipped to another.

Choose the doors, railing system and accessories that best fit your application. The T-Series offers a modularity that makes it the most versatile cabinet solution we offer and, we believe the most versatile cabinet solution available anywhere!



DIMENSIONS

Height Dimensions- inches			
Rack Mount Spaces (U)	Frame Height (A)	Height with Levelers (Min) (B)	Height with Casters (Min) (C)
42	78	78-3/4	80-1/2
45	83-1/4	84	85-3/4
48	88-1/2	89-1/4	91
51	93-3/4	94-1/2	96-1/4

Casters add approximately 2.5" to height of the frame and are factory installed on the cabinet.

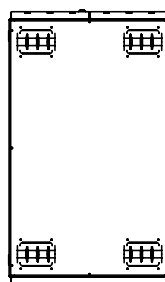
Note:

Space between the bottom of the door and the floor provides enough clearance to remove both the front and rear floor tiles.

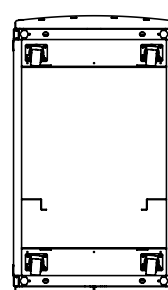
Depth Dimensions- inches			
Nominal Depth (D)	Frame Less Doors (D)	Overall with Doors (E)	Maximum Rail Depth
42	42	45-7/8	38
48	48	51-7/8	44

Front door is approximately 2-5/8" deep and rear door is approximately 1-1/8" deep when mounted to frame. Minimum rail depth from outside of frame is 2". Maximum rail depth is reduced when vertical accessories are placed in the corners.

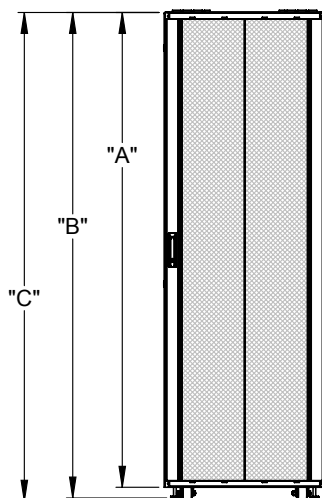
Top View



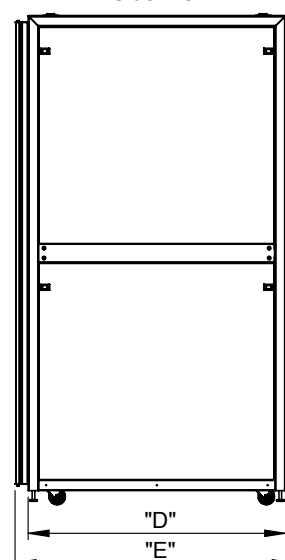
Bottom View



Front View



Side View

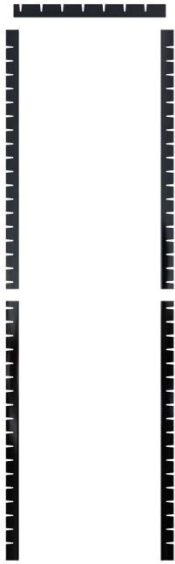


T-Series Cabinet

Spec Sheet

THERMAL AIRFLOW MANAGEMENT

Air Curtains

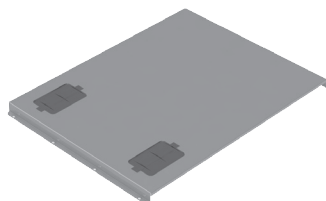


The Air Curtain Kit fills the gap between the mounting rails and cabinet frame, thus preventing by-pass air from slipping around the side of mounted equipment and/or blanking panels. The kit also includes a horizontal panel that fills the gap between the top of the mounting rails and the top of the cabinet frame.

- Kit includes (1) horizontal and (2) vertical curtain
- Designed for easy field installation using standard mounting hardware
- Optional cable pass through openings are available



BOTTOM PLATE



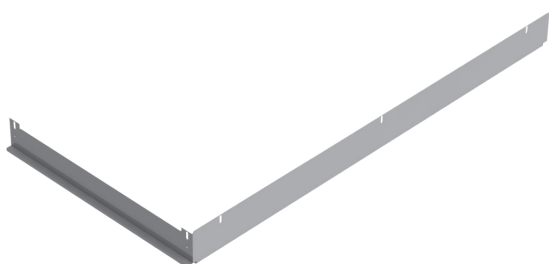
When installed inside the cabinet base, the bottom plate creates a seal that prevents by-pass airflow through the bottom of the frame. The bottom plate ensures the thermal integrity of cabinets on levelers or casters.

- Use the table below to select the bottom plate design that best suites your application
- Solid or cable access versions are available
- Standard brush size openings are 6" x 4.25" (brushes included)
- Brush inserts allow cables to pass through, but block airflow
- Designed for easy installation. Mounting screws included.
- Constructed of #16 gauge cold rolled steel with a durable powder coat finish

Solid Bottom Plate Part Numbers			Frame Depth
24" wide	30" wide	31.5" wide	
TF-BPS-2442	TF-BPS-3042	TF-BPS-31542	42
TF-BPS-2448	TF-BPS-3048	TF-BPS-31548	48

2 Brush Bottom Plate Part Numbers			Frame Depth
24" wide	30" wide	31.5" wide	
TF-BP-2442	TF-BP-3042	TF-BP-31542	42
TF-BP-2448	TF-BP-3048	TF-BP-31548	48

AIR SKIRT



Features:

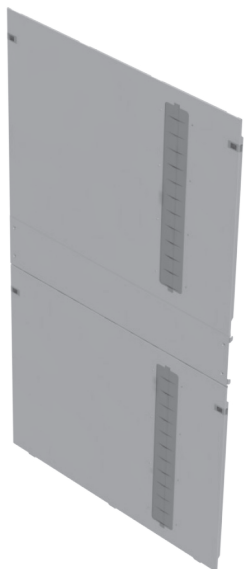
- Designed for use with cabinets on casters
- Prevents by-pass air from circulating under the cabinet
- Color: black or white (other colors upon request)

Part Number:

TF-FSKRT-(W) / Front Mounted
TF-SSKRT-(D) / Side Mounted

W = 24", 30", or 31.5"
D = 42" or 48"

TWO PIECE SIDE PANEL



Features:

- Slides easily into features located on the bottom of the cabinet frame and the top of the center divider
- For use between cabinets or at the end of row
- Removed easily through the implementation of tab latches which allow quick access to the inside of the cabinet
- Available with brushed cutouts on either the front, rear, or both (rear right shown in figure)
- Color: black or white (other colors available upon request)

Part Number:

TFA-SPK-(D)(H)RU / Solid

TFA-SPK-BR-FLRR-(D)(H)RU / Front Left or Rear Right Brush

TFA-SPK-BR-FRRL-(D)(H)RU / Front Right or Rear Left Brush

TFA-SPK-BR-FR-(D)(H)RU / Front and Rear Brush

D = 42" OR 48"

H = 42, 45, 48, OR 51RU

LOCKING TWO PIECE SIDE PANEL



Features:

- Slides easily into features located on the bottom of the cabinet frame and the top of the center divider
- Removed easily through the implementation of tab latches which allow quick access to the inside of the cabinet
- Available with brushed cutouts on either the front, rear, or both (rear right shown in figure)
- Keyed lock included to secure panel
- Color: black or white (other colors available upon request)

Part Number:

TFA-SPK- (D) (H) RU-LOCK / Solid

TFA-SPK-BR-FLRR-(D)(H)RU-LOCK / Front Left or Rear Right Brush

TFA-SPK-BR-FRRL-(D)(H)RU-LOCK / Front Right or Rear Left Brush

TFA-SPK-BR-FR-(D)(H)RU-LOCK / Front and Rear Brush

D = 42" OR 48"

H = 42, 45, 48, OR 51RU

SOLID TOP PANEL

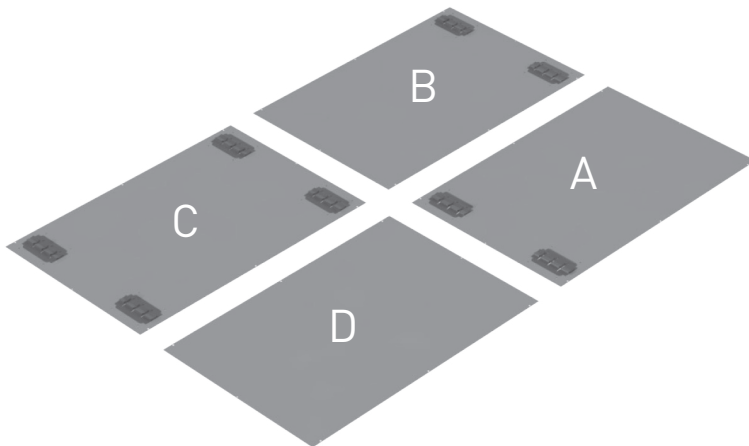
Features:

- Secures and seals top of cabinet
- One piece design - easy on/easy off
- Optional cable access - Choose A, B, C or solid D
- Color: black or white (other colors available upon request)

Part Number:

A: TT-OPTP-(W)(D)-2B-F
B: TT-OPTP-(W)(D)-2B-R
C: TT-OPTP-(W)(D)-4B
D: TT-OPTP-(W)(D)-NB

W = 24", 30", OR 31.5"
D = 42" OR 48"



MODULAR TOP PANEL

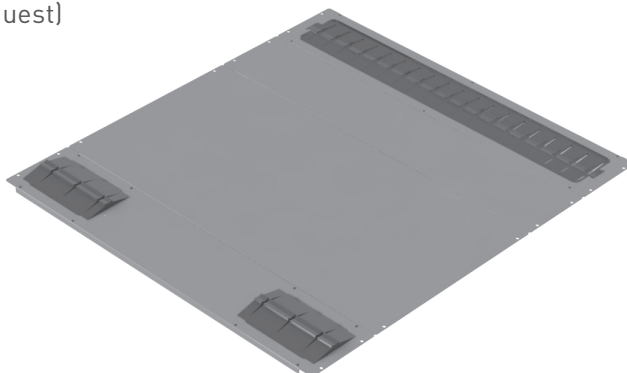
Features:

- Secures and seals top of cabinet
- Modular design supports dozens of configurations
- One (1) 16" panel (C) must be included in all configurations
- Mix and match 6" panels A, B, and D
- Choose panel C plus (4) 6" panels for 42" deep cabinets
- Choose panel C plus (5) 6" panels for 48" deep cabinets
- Color: black or white (other colors available upon request)

Part Number:

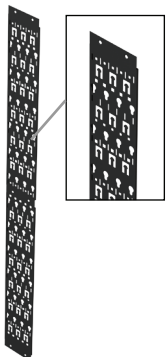
A: TT-CET-(W)06-FB
B: TT-STF-(W)06
C: TT-ST-(W)16
D: TT-CET-(W)06-CB

W = 24", 30", OR 31.5"



CABLE MANAGEMENT OPTIONS

PCM Bracket



Designed to manage equipment power cables. Mounts directly to cabinet strut so as not to consume RU space. Compatible with Snap and Twist D-Rings, Saddle Wraps, and Lobster Claws. Available in three widths, 4", 6" or 8"

Part Number:
TF-PCM-0(W)(H)RU

Lobster Claws



"Snap and Twist" design is compatible with PCM bracket. Designed to accommodate large bundles of network cabling. Size 2.75"W x 4"L

Part Number:
AS-CM-LC

Saddle Wraps



"Snap and Twist" design is compatible with PCM bracket. Flexible and easy-to-use tie wraps manage cables in a variety of applications.

Part Number:
AS-VEL-PM-12 (12" Strap)
AS-VEL-PM-18 (18" Strap)

Cable Fingers



Mounts to rails to create horizontal cable management and strain relief. Cable access between fingers is located at every RU position.

Part Number:
HD-CM-4-(H)RU (4" Fingers)
HD-CM-(H)RU (6" Fingers)

D-Rings



"Snap and Twist" design is compatible with PCM bracket. Provides support and strain relief for network cabling.

Part Number:
AS-CM-VP-143 / Size: 1.75 x 3.5"
AS-CM-VP-145 / Size: 3.5 x 5"

Front to Rear

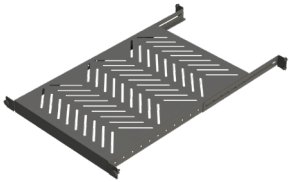


Attaches to the mounting rails and creates a channel for routing cables horizontally between the front and rear of the cabinet. Available for 30 & 31.5in wide cabinets only. Rail settings between 23" - 30.5"

Part Number:
HDA-WIR-FTOB-ADJ-152

CABLE MANAGEMENT OPTIONS

Vented Shelf



Durable, heavy duty construction slotted air vents do not impede vertical airflow. 150 pounds load rating. Rail settings between 22.5" - 33.5"

Part Number:
AS-SAV-1924

Plastic



Creates a barrier in unused rack (RU) spaces to block bypass air and prevent re-circulation.

Part Number:
AS-PBP-TL-(1RU or 2RU)

Levelers



Mounts to cabinet frame base. Sold in sets of (4).

Part Number:
HD-LEV

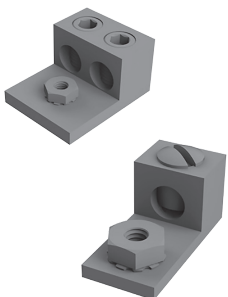
EZ Blanking



Snap In design- No tools or hardware required. Conforms to EIA standard 19" rail spacing. Ships in 6-10RU sheets for a total of 60 RU total. Each sheet can be broken down into smaller sections for versatility.

Part Number:
AS-EZBLANK-60

Grounding Kit



Provides an easy grounding location. Secures to studs located in the base of the frame.

Part Number:
HD-GND-LUG
HD-GND-LUG-2W

Casters



Mounts to cabinet frame base. Locking Option available. Sold in sets of (2).

Part Number:
[Locking]
HD-CASTER-1000

[Non-Locking]
HD-CASTER-NL-1000

RACK & STACK PACKAGING SOLUTION

T-Series Cabinet Packaging Option

Designed for shipping with equipment loaded, our T-Series cabinet platforms may be paired with our Rack & Stack package solution making them perfect for integrators who offer services in hyperscale and colocation environments.

The Rack & Stack packaging solution has been tested to ISTA 3B for a 3000 pound dynamic load capacity and is available with everything needed to ship a fully loaded cabinet.



Part Number:

SPKIT-T-42

SPKIT-T-48

SPRMP-T-24

SPRMP-T315

Contents:

42" deep pallet, anchor brackets, c-folds, top tray (any width cabinet)

48" deep pallet, anchor brackets, c-folds, top tray (any width cabinet)

24" wide ramp

31.5" wide ramp