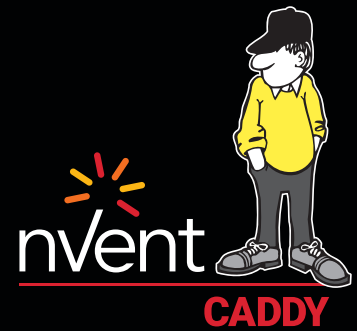


nVent CADDY Wire Basket Supports



FREQUENTLY ASKED QUESTIONS

DOES THE WIRE BASKET SUPPORT (WBS) WORK ON ALL TYPES OF TRAYS?

The Wire Basket Support (WBS) is designed specifically for wire basket trays, not perforated trays or ladder trays.

DOES WBS WORK ON ANY WIRE BASKET TRAY?

WBS works best with basket trays with 2 wires on the sides diameter ranging from 0.14" to 0.24". Basket trays are fully engaged with both top and bottom wires with WBS fingers, as opposed to simply being "held" on only one wire. Trays will not collapse even when only one side of the basket is supported by WBS during installation.

The straight brackets (WBSH25 or WBSHM6) are not designed for deeper trays, as the 3rd or 4th wire will prevent WBSH from rotating to the position for installation.

A compatibility list of WBS (with top tray manufacturers) can be found in the BlueVolt Resources folder.

CAN I INSTALL WBS ON CEILING RODS FIRST, THEN PUT THE TRAYS ON?

No. WBS is designed to be installed on basket tray first, before the whole assembly is installed onto threaded rods. This pre-fabrication can be done off-site with several advantages.

WHY DOES NVENT CADDY OFFER SEVERAL VARIATIONS OF WBS BRACKETS?

nVent CADDY offers several variation of WBS to allow contractors to install multi-tiered trapeze systems. Use a combination for ultimate labor and time saving - WBSxx (Riveted Nut version) is great for bottom tier, and WBS1 (slotted version) can go anywhere in the middle when bottom tiers already exist.

WHAT SPACING SHOULD WBS BE INSTALLED ON BASKET TRAYS?

Support spacing should be calculated by the project engineer based on the overall weight of the basket tray. Factors to consider include cable diameter, cable weight, cable tray fill rate, tray weight,

etc. Follow tray manufacturers' instructions as the tray itself could possibly be the limiting factor (WBS has a 120 lbs load rating or 240 lbs for a pair).

For example, a competitor suggests a loading capacity of 27 lb/ft for an 8 ft support spacing on its FT2X12 tray, which is only 216 lbs compared to the 240 lbs capacity of a pair of WBS.

A quick look-up sheet is available in the BlueVolt Resources folder.

DOES WBS NEED TO BE BRACED IF SEISMIC EVENTS ARE COMMON IN MY AREA?

WBS has not been tested for seismic bracing. However, cable trays are exempt from seismic bracing if the raceway is 12" or less in length from support point (bottom fingers of WBS) to the supporting structure (ceiling or beam) per ASCE.

DOES UNIVERSAL TRAY SUPPORT (UTS) WORK ON ALL TYPES OF TRAYS?

Yes. The Universal Tray Support (UTS) is designed to accommodate all types of cable trays. Both top and bottom arms have a strut profile for any strut channel hardware to go on. Use nVent CADDY KBT clip for wire basket trays, a regular J-bolt for ladder trays, and standard accessories for perforated tray.

DOES UTS WORK ON ANY TRAY SIZES?

nVent CADDY offers 3 sizes of UTS bracket to accommodate 6" (150 mm), 8" (200 mm), 12" (300 mm) tray width. Bolting two UTS brackets (same size) in the "back-to-back" configuration with top tab bend by 90 degrees to accommodate extra large tray sizes (up to 24" or 600 mm) on the top tier.

WHAT APPLICATIONS/ INSTALLATION METHODS WILL UTS ACCOMMODATE FOR CABLE TRAY?

UTS is designed to be universal, and will accommodate hanging cable trays by threaded rod, directly on ceiling, directly on wall, and by wire rope (CADDY SPEED LINK). It's "double arm" in one bracket design will also allow conduits on one arm and cabletray on the other.

IS nVENT CADDY SPEED LINK APPLICATION OF UTS FOR SEISMIC BRACING?

No. nVent CADDY SPEED LINK is NOT designed for seismic bracing as the wire rope is not prestretched. However, UTS allows nVent CADDY SPEED LINK wire ropes be attached to structures in two directions and can minimize the concern of "swinging" when trays being supported by wire ropes. nVent CADDY does offer a "cable bracing" solution for seismic events specifically.

WHAT SPACING SHOULD UTS BE INSTALLED ON BASKET TRAYS?

Support spacing should be calculated by the project engineer based on the overall weight of the basket tray. Factors to consider include cable diameter, cable weight, cable tray fill rate, tray weight, etc. Follow tray manufacturers' instructions as the

tray itself could possibly be the limiting factor (UTS has a 100 lbs load rating for threaded rod or 200 lbs for wall/nVent CADDY SPEED LINK mount). For example, a competitor suggests a loading capacity of 20 lb/ft for an 8 ft support spacing on its FT2X2 tray, which is only 160 lbs compared to the 200 lbs capacity of UTS150 mounted on the wall. A quick look-up sheet is available in the BlueVolt Resource folder.

DOES UTS NEED TO BE BRACED IF SEISMIC EVENTS ARE COMMON IN MY AREA?

UTS has not been tested for seismic bracing. However, cable trays are exempt from seismic bracing if the raceway is 12" or less in length from support point (bottom arm of UTS) to the supporting structure (ceiling). So if UTS is attached directly to ceiling, or by a very short ceiling rod (4" or so), seismic bracing is not required per ASCE.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER