WIREMOLD®
Wallduct Raceway Systems

Raceway Solutions for Healthcare Applications

Wallduct Raceway Systems are high capacity raceways for use in walls or ceilings. They can be mounted to the wall surface or flush with the wall to meet equipment layout and room designs. The lay-in feature for enclosure of wire and cable is ideal for use in healthcare rooms, under raised floors, or as a large capacity feeder for perimeter raceway. The cover plates are easily removed for wire and cable access. Wallduct Raceway Systems can also be used with Trenchduct to carry wire and cables from cabinets to egress points anywhere on the floor or wall. Wallduct Raceway Systems are also available in aluminum for applications that require nonferrous metal raceways such as X-ray and MRI scan rooms.

Aluminum Wallduct installed in an MRI Room.

FEATURES & BENEFITS

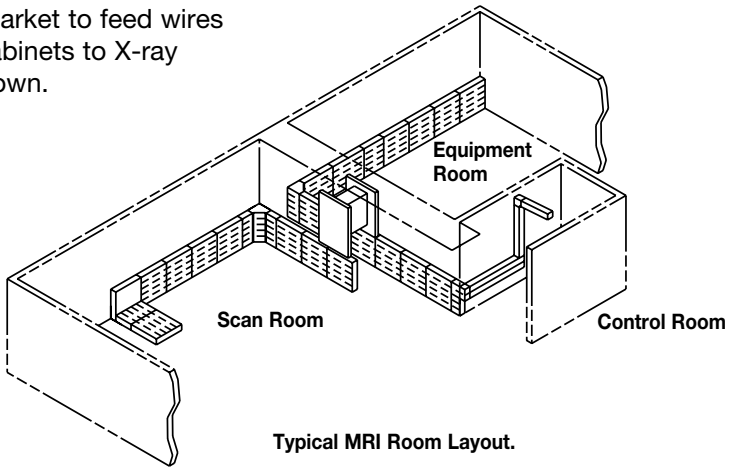
- **Constructed of galvannealed steel.** The 14-gauge galvannealed steel has a material thickness of .0785, provides extra corrosion resistance, and is easily painted to match any room interior.
- **Available in non-magnetic aluminum material.** Meets requirements for MRI facilities in accordance with equipment manufacturer's specifications.
- **Interior couplings.** Offer improved aesthetics when surface mounted.
- **Complete line of fittings.** Lowers installation costs with fittings that can address field conditions and require minimal field modifications.
- **Bodies and covers shipped unassembled.** No disassembly required before starting system installation.
- **10" [254mm] and 18" [457mm] stock.** Readily available warehouse stock provides for immediate shipment of customer orders.
- **AutoCAD® capabilities for detailing project drawings.** Provides high quality detailing information with the option of electronic communication for a quicker, more accurate exchange of information.
- **Three standard widths.** Provide cable and wire requirements for most applications.
- **UL Listed (UL File E4376 Base and Cover, E41751 Fittings).** Product matches equipment supplier's specifications.

Wallduct Raceway bodies are available in multiple widths and with flush and surface cover options.

Wallduct Steel or Aluminum Raceway with lay-in features for enclosure of wire and cable.

Wallduct Series Raceway System Layout

Wallduct is commonly used in the healthcare market to feed wires and cables from electric and communication cabinets to X-ray and MRI equipment. See typical application shown. Because some healthcare equipment requires nonmetallic material in the surrounding area, aluminum Wallduct is used in scan rooms. The equipment and control rooms generally use steel Wallduct.

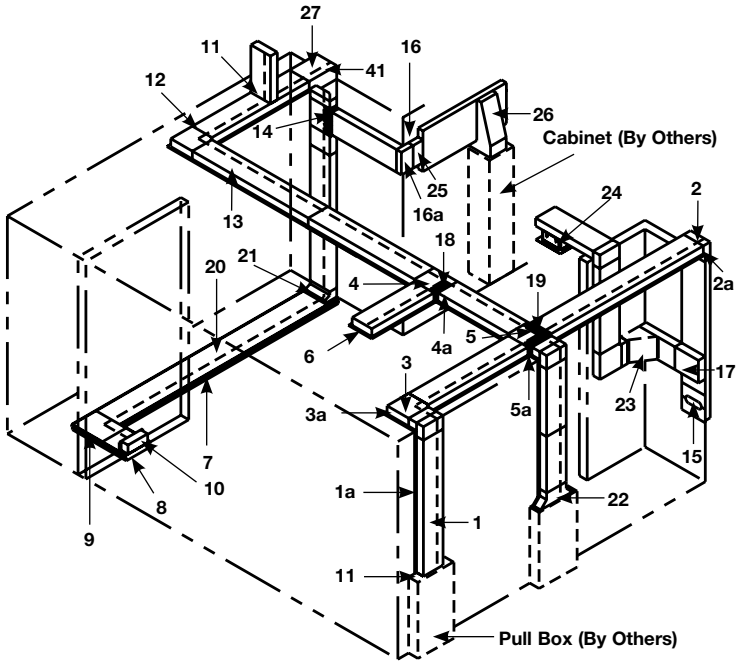


Typical MRI Room Layout.

Wallduct and Trenchduct Legend

Item	Catalog No.	Description
1	WD10W350-60	5'-0" [1524mm] Straight Length.
1a	CP10-F30	30" [762mm] L Flush Cover Plate.
2	WD10W350-IL	Internal Wallduct Elbow.
2a	CP10-ILF	Internal Wallduct Elbow Cover Flush.
3	WD10W350-HL	Horizontal Wallduct Elbow.
3a	CP10-HLF	Horizontal Wallduct Elbow Cover Flush.
4	WD10W350-T	Wallduct T-Unit.
4a	CP10-TF	Wallduct T-Unit Cover Flush.
5	WD10W350-X	Wallduct X-Unit.
5a	CP10-XF	Wallduct X-Unit Cover Flush.
6	WD10W350-ECF	Wallduct End Closure.
7	VA12W250H-5	VA Style Trenchduct 12" Wide x 2 1/2" Deep [304mm x 63mm].
8	VA12W250H-EC	VA Style Trenchduct End Closure.
9	VA12W250H-LL	VA Style Trenchduct Horizontal Elbow (Left Hand).
10	VA12W-VR10	VA Style Trenchduct Vertical Riser.
11	WD10W350-CC/DO	Wallduct Cabinet Connector.
12	WD350-CP	Corner Partition.
13	WD350-P60	Straight Partition.
14	WD10W350-TUN	T-Unit Straight Tunnel.
15	WD10-ACPF	Access Cover Plate With Grommet.
16	WD10W350-EL	Wallduct External Elbow.
16a	CP10W350-ELF	Wallduct External Elbow Cover Flush.
17	WD10W350-FST	Wallduct Flush to Surface Transition.
18	WD10W350-LTUN	T-Unit Left Hand Tunnel.
19	WD10W350-XTUN	X-Unit Tunnel.
20	T250HZP-5	Trenchduct Partition.
21	VA12W-VL10	Trenchduct Vertical Riser
22	WD10W350-FCCF	Flanged Cabinet Connector Flush.
23	WD10W350-SWTS	Sweep Surface Tee.
24	WD-10CDO	Ceiling Drop Out.
25	WD350-R04	Wallduct Reducer.
26	WD18W350-SWCCS	Sweep Cabinet Connector Surface.
27	WD10W350-SES	Sweep Elbow Surface.

Wallduct can be installed in the wall exposing only the cover plate, or it can be wall mounted exposing the entire surface. Wallduct may also be installed overhead to connect cables/ wires between rooms. Trenchduct can be used in combination with Wallduct as a feeder or for access points in the floor to feed equipment. Diagram below is for illustration only. It does not portray typical installation of products



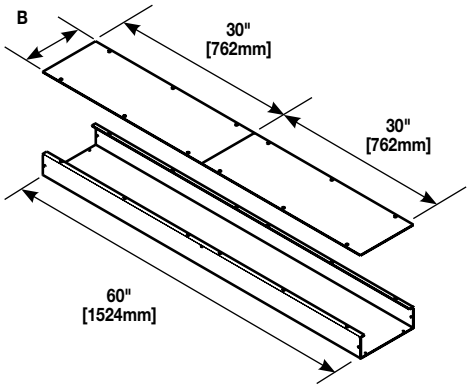
Wallduct Series Raceway Product Notes

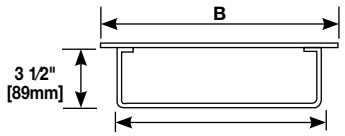
To attach Wallduct Series Raceway to Trenchduct, use vertical risers as shown in the current version of ED738. All field cut openings in Wallduct Series Raceway should be grommeted as needed to protect edges from cutting cables and wires. Order Catalog # 686039-100FT.

Contact factory for availability of other sizes of Wallduct Series Raceway.

Wallduct Series Raceway Bodies and Covers Ordering Information

Catalog No./Item	"A"	Description/Specifications
Bodies		**Straight Wallduct With Removable Cover Plates –** Bodies include two coupling angles and assembly screws. Bodies are 5' [1.3m] long and can be field cut to length. Surface flush covers are 30" [762mm] long. Two covers required per body. See page 10 for wire/cable fill capacity information.
WD06W350-60	6" [152mm]	
WD10W350-60	10" [254mm]	
WD18W350-60	18" [457mm]	
Surface Covers	**"B"**	
CP06-S30	6" [152mm]	
CP10-S30	10" [254mm]	
CP18-S30	18" [457mm]	
Flush Covers	**"B"**	
CP06-F30	8" [203mm]	
CP10-F30	12" [305mm]	
CP18-F30	20" [508mm]	



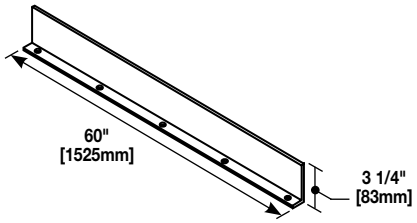


A – End View
(Flush Cover Shown)

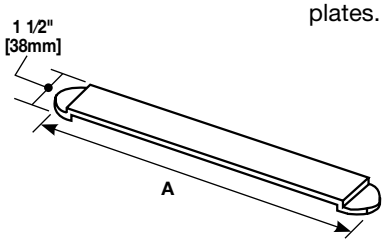
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Body Accessories Ordering Information

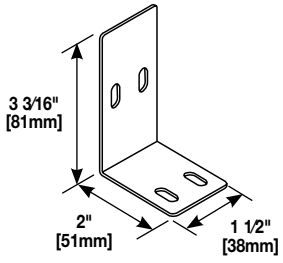
Catalog No./Item	Description/Specifications
WD350-P60	**Straight Partition** – Used to separate services. Includes assembly screws for field installation.



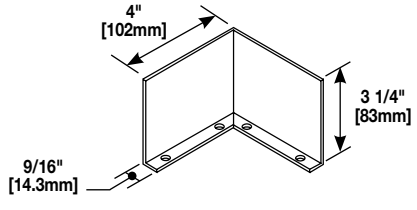
Catalog No./Item	"A"	Description/Specifications
		Wire Retainer –
WD06-WR	6" [152mm]	Used to hold wires in place during installation and to close gap between cover plates if more than 1/8" [3.2mm]. Snap in place prior to installing cover plates.
WD10-WR	10" [254mm]	
WD18-WR	18" [457mm]	



Catalog No./Item	Description/Specifications
WD350-CA	**Coupling Angle** – Used for connecting two pieces of Wallduct. Includes assembly screws. Two coupling angles included with every straight body assembly.



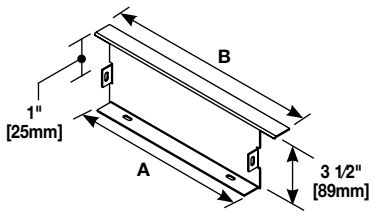
Catalog No./Item	Description/Specifications
WD350-CP	**Corner Partition** – Used in horizontal elbow to form corner partition. Assembly screws included. Two wire retainers are included with every straight body assembly.



NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway End Closure Ordering Information

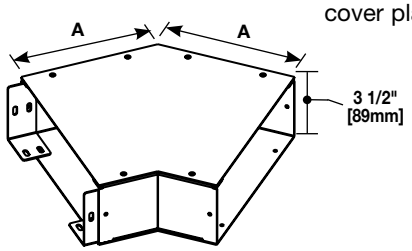
Catalog No./Item					Description/Specifications
Surface End Closures	**"A"**		**"B"**		**End Closure** – Used to close off end of Wallduct run. Includes assembly screws.
WD06W350-ECS	6"	[152mm]	6"	[152mm]	
WD10W350-ECS	10"	[254mm]	10"	[254mm]	
WD18W350-ECS	18"	[457mm]	18"	[457mm]	
Flush End Closures	**"A"**		**"B"**		
WD06W350-ECF	6"	[152mm]	8"	[203mm]	
WD10W350-ECF	10"	[254mm]	12"	[305mm]	
WD18W350-ECF	18"	[457mm]	20"	[508mm]	



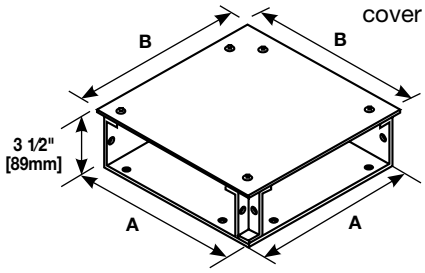
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Fittings Ordering Information

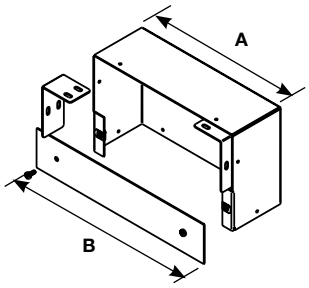
Catalog No./Item			Description/Specifications
Bodies	**"A"**		**45° Elbow** – Used to change direction of Wallduct runs 45° on same plane. Includes one pair of coupling angles, one retainer, and assembly screws. Complete unit requires one body and one cover plate.
WD06W350-HL45	6"	[152mm]	
WD10W350-HL45	10"	[254mm]	
WD18W350-HL45	18"	[457mm]	
Surface Covers	**"A"**		
CP06-HLS-45	5 5/8"	[143mm]	
CP10-HLS-45	7 1/4"	[185mm]	
CP18-HLS-45	10 1/2"	[270mm]	
Flush Covers	**"A"**		
CP06-HLF-45	6"	[153mm]	
CP10-HLF-45	7 3/4"	[196mm]	
CP18-HLF-45	11"	[280mm]	



Bodies	**"A"**		**Horizontal Elbow** – Used to change direction of Wallduct runs 90° on same plane. Includes one pair of coupling angles, one retainer, and assembly screws. Complete unit requires one body and one cover plate.
WD06W350-HL	6"	[152mm]	
WD10W350-HL	10"	[254mm]	
WD18W350-HL	18"	[457mm]	
Surface Covers	**"B"**		
CP06-HLS	7"	[178mm]	
CP10-HLS	11"	[279mm]	
CP18-HLS	19"	[482mm]	
Flush Covers	**"B"**		
CP06-HLF	8"	[203mm]	
CP10-HLF	12"	[305mm]	
CP18-HLF	20"	[508mm]	



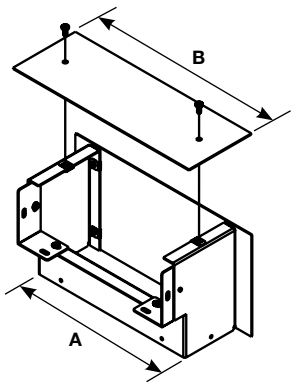
Bodies	**"A"**		**Internal Elbow** – Used to connect vertical and horizontal run at 90° when cover plates are on inside of run. Includes one pair of coupling angles, wire retainer, and assembly screws. Complete unit requires one elbow body and one cover plate.
WD06W350-IL	6"	[152mm]	
WD10W350-IL	10"	[254mm]	
WD18W350-IL	18"	[457mm]	
Surface Covers	**"B"**		
CP06-ILS	6"	[152mm]	
CP10-ILS	10"	[254mm]	
CP18-ILS	18"	[457mm]	
Flush Covers	**"B"**		
CP06-ILF	8"	[203mm]	
CP10-ILF	12"	[305mm]	
CP18-ILF	20"	[508mm]	

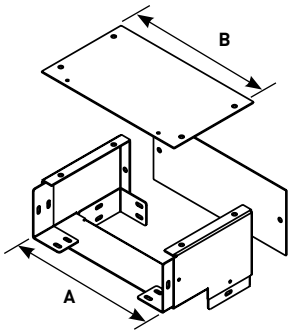


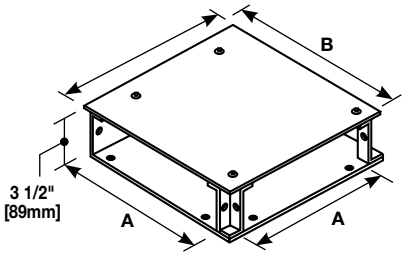
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

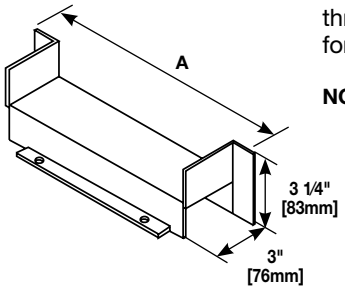
Wallduct Series Raceway Fittings Ordering Information

Catalog No./Item			Description/Specifications
Bodies	**"A"**		
WD06W350-EL	6"	[152mm]	**External Elbow** – Used to connect vertical and horizontal run at 90° angle when cover plates are on outside of run. Includes attached coupling angles, wire retainer, and assembly screws. Complete unit requires one elbow body and two cover plates. Flush and surface cover catalog numbers include two covers.
WD10W350-EL	10"	[254mm]	
WD18W350-EL	18"	[457mm]	
Surface Covers	**"B"**		
CP06W350-ELS	6"	[152mm]	
CP10W350-ELS	10"	[254mm]	
CP18W350-ELS	18"	[457mm]	
Flush Covers	**"B"**		
CP06W350-ELF	8"	[203mm]	
CP10W350-ELF	12"	[304mm]	
CP18W350-ELF	20"	[508mm]	
Bodies	**"A"**		**Internal External Elbow** – Internal elbow used to change direction 90° while also allowing for a change in coverplate orientation. Complete unit requires one body and one cover plate.
WD06W350-IEL	6"	[152mm]	
WD10W350-IEL	10"	[254mm]	
WD18W350-IEL	18"	[457mm]	
Surface Covers	**"B"**		
CP06W350-IELS	6"	[152mm]	
CP10W350-IELS	10"	[254mm]	
CP18W350-IELS	18"	[457mm]	
Flush Covers	**"B"**		
CP06W350-IELF	8"	[203mm]	
CP10W350-IELF	12"	[304mm]	
CP18W350-IELF	20"	[508mm]	
Bodies	**"A"**		**T-Unit** – Used to connect a second run of Wallduct at 90° angle to first run. Includes one pair of coupling angles, one wire retainer, and assembly screws. Complete unit requires one body and one cover plate.
WD06W350-T	6"	[152mm]	
WD10W350-T	10"	[254mm]	
WD18W350-T	18"	[457mm]	
Surface Covers	**"B"**		
CP06-TS	7"	[178mm]	
CP10-TS	11"	[279mm]	
CP18-TS	19"	[482mm]	
Flush Covers			
CP06-TF	8"	[203mm]	
CP10-TF	12"	[304mm]	
CP18-TF	20"	[508mm]	
WD10W350-TUN	11 7/8"	[301mm]	**T-Unit Straight Tunnel** – Provides 3" [76mm] straight through compartment for one service with crossover for a second service. Assembly screws included. **NOTE: Not available for 6" [162mm] wide Wallduct.**
WD18W350-TUN	19 7/8"	[504mm]	





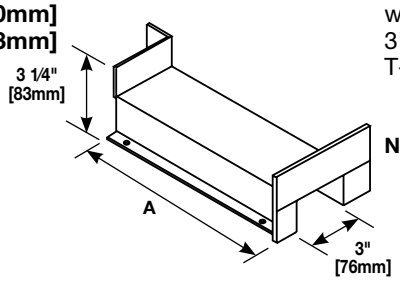




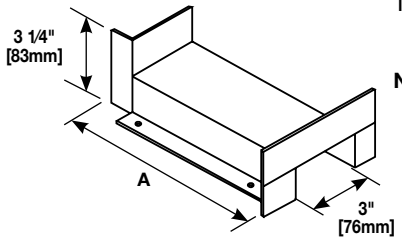
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Fittings Ordering Information (Continued)

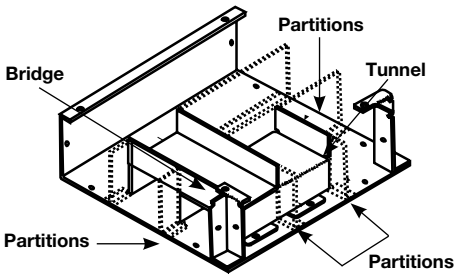
Catalog No./Item	"A"	Description/Specifications
WD10W350-RTUN	7 7/8" [200mm]	**Right Hand Tunnel** – Used in conjunction with straight partition to form a 90° angle – 3" [76mm] compartment with crossover in T-Unit. Assembly screws included.
WD18W350-RTUN	15 7/8" [403mm]	**NOTE: Not available for 6" [162mm] wide Wallduct.**



Catalog No./Item	"A"	Description/Specifications
WD10W350-LTUN	7 7/8" [200mm]	**Left Hand Tunnel** – Used in conjunction with straight partition to form a 90° angle – 3" [76mm] compartment with crossover in T-Unit. Assembly screws included.
WD18W350-LTUN	15 7/8" [403mm]	**NOTE: Not available for 6" [162mm] wide Wallduct.**



Catalog No./Item	Description/Specifications
WD10W350-3TUN WD18W350-3TUN	**T-Unit Tunnel** – Provides three equal compartments for separation of services in T-Unit. Assembly screws included. Purchase partition Catalog No. WD350-P60 separately to complete installation. **NOTE: Not available for 6" [162mm] wide Wallduct.**

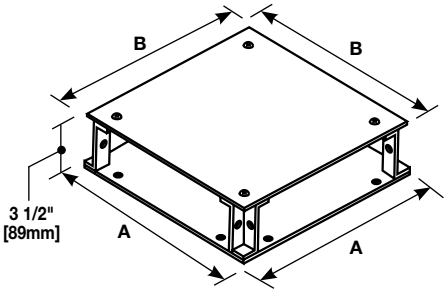


Bodies	"A"
WD06W350-X	6" [152mm]
WD10W350-X	10" [254mm]
WD18W350-X	18" [457mm]

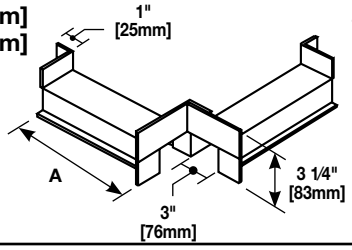
Surface Covers	"B"
CP06-XS	8" [203mm]
CP10-XS	12" [304mm]
CP18-XS	20" [508mm]

Flush Covers	"B"
CP06-XF	8" [203mm]
CP10-XF	12" [305mm]
CP18-XF	20" [508mm]

X-Unit – Used to connect two intersecting runs of Wallduct at a 90° angle. Includes one pair of coupling angles, one wire retainer, and assembly screws. Complete unit requires one body and one cover plate.



Catalog No./Item	"A"	Description/Specifications
WD10W350-XTUN	6 7/8" [174mm]	**X-Unit Crossover** – Used to provide a 90° angle – 3" [76mm] compartment with crossover in X-Unit. Assembly screws included.
WD18W350-XTUN	14 7/8" [377mm]	**NOTE: Not available for 6" [162mm] wide Wallduct.**



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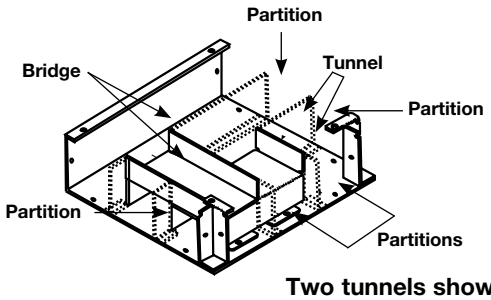
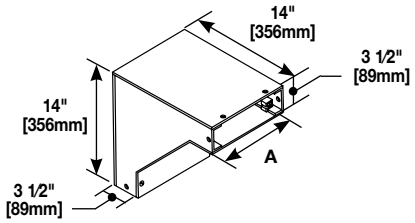
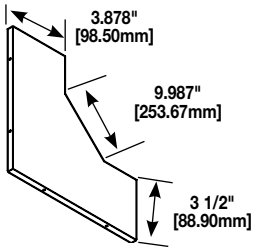
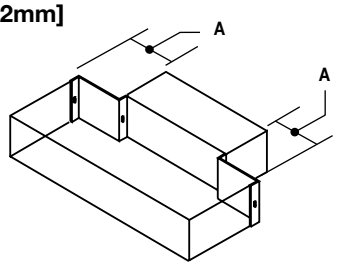
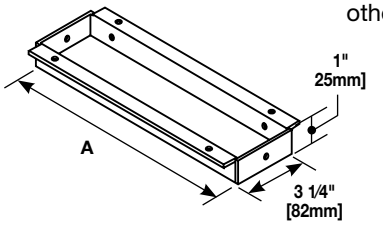
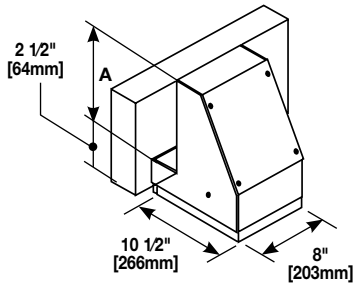
Wallduct Series Raceway Fittings Ordering Information (Continued)

Catalog No./Item		Description/Specifications
WD10W350-3TUN **WD18W350-3TUN**	 **Two tunnels shown.**	**X-Unit Tunnel** – Provides three equal compartments for separation of services in X-Unit. Assembly screws included. Purchase partition, Catalog No. WD350-P60 separately to complete installation. Complete X-Unit assembly requires two X-unit tunnel units. **NOTE: Not available for 6" [162mm] wide Wallduct.**
	"A"	**Sweep Elbow** – Used to connect vertical and horizontal runs of Wallduct at a 90° angle with a 45° internal sweep radius. Includes one pair of coupling angles and assembly screws. For partition use Catalog No. WD350-PSE Series. **NOTE: Not available in flush cover version.**
WD06W350-SES	6" [152mm]	
WD10W350-SES	10" [254mm]	
WD18W350-SES	18" [457mm]	
		
WD350-PSE		**Internal Sweep Elbow Partition** – Used with past #WDXWX-SES to partition elbow.
	"A"	**Reducer Coupling** – Used to reduce Wallduct width by 4" [102mm] or 8" [204mm]. Two piece unit allows 18" [457mm] wide Wallduct to be reduced to 10" [254mm] wide, or 10" {254mm] wide to be reduced to 6" [152mm] wide. Can also be used on other sizes as needed. Assembly screws included.
WD350-RO2	2" [51mm]	
WD350-RO4	4" [102mm]	
		
	"A"	**Cabinet Connector/Drop Out** – Used to connect ends of Wallduct run to panel/cabinet. Also used to connect two runs of Wallduct at a 90° angle when one run butts up to the bottom or top of the other. Assembly screws included.
WD06W350-CC/DO	5 3/4" [146mm]	
WD10W350-CC/DO	9 3/4" [247mm]	
WD18W350-CC/DO	17 3/4" [450mm]	
		

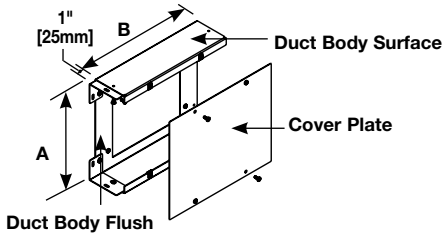
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Accessories Ordering Information

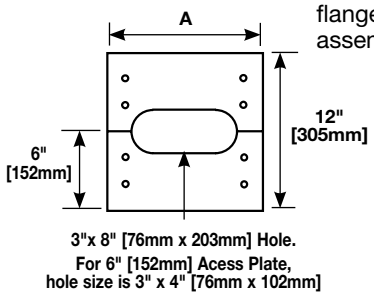
Catalog No./Item	"A"	Description/Specifications
WD06W350-SWCCS	6" [152mm]	**Sweep Cabinet Connector** – For use with GE medical equipment. Attaches to 6" x 3 1/2" [152mm x 89mm], 10" x 3 1/2" [254mm x 89mm], or 18" x 3 1/2" [457mm x 89mm] horizontal surface Wallduct.
WD10W350-SWCCS	10" [254mm]	
WD18W350-SWCCS	18" [457mm]	**NOTE: Not available in aluminum.**



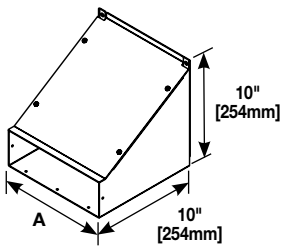
	"A"	"B"	
WD06W350-FST	6" [152mm]	8" [203mm]	**Transition** – Used to form a junction between flush and surface Wallduct at a 90° angle. Includes assembly screws, clips, one wire retainer and two coupling angles.
WD10W350-FST	10" [254mm]	12" [304mm]	
WD18W350-FST	18" [457mm]	20" [508mm]	



Surface Covers	"A"	
WD06-ACPS	6" [152mm]	**Access Cover Plate** – Two-piece cover with grommeted hole in center. Can be installed at any location by match drilling eight holes in duct body flanges and attaching speed nuts. Includes assembly screws and grommet.
WD10-ACPS	10" [254mm]	
WD18-ACPS	18" [457mm]	
Flush Covers	**"A"**	
WD06-ACPF	7" [178mm]	
WD10-ACPF	11" [279mm]	
WD18-ACPF	19" [482mm]	



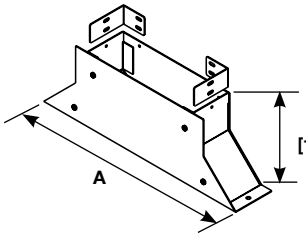
Sweep Tee	"A"	
WD06W350-SWTS	6" [152mm]	**Sweep Tee** – Used to connect horizontal and vertical runs of Wallduct at a 90° angle with sweep radius. Includes one pair of coupling angles and assembly screws.
WD10W350-SWTS	10" [254mm]	
WD18W350-SWTS	18" [457mm]	**NOTE: Not available in flush cover version.**



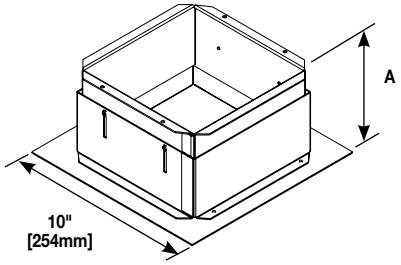
NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Accessories Ordering Information (Continued)

Catalog No./Item	"A"	Description/Specifications
Flanged Connector		**Flanged Cabinet Connector** – Used to connect end of Wallduct run to panel cabinet. Assembly screws included. Use .166" [4.2mm] diameter (#19 drill) for assembly.
WD06W350-FCCS	**16" [406mm]**	
WD10W350-FCCS	**22" [559mm]**	
WD18W350-FCCS	**24" [610mm]**	
WD06W350-FCCF	**18" [4570mm]**	**NOTE: Not available in aluminum.**
WD10W350-FCCF	**24" [610mm]**	
WD18W350-FCCF	**26" [660mm]**	



Ceiling Drop Out	"A"	Description/Specifications
WD-10CDO	**4" [102mm] to 5 3/4" [146mm]**	**Ceiling Drop Out** – Used to drop cables and wires from Wallduct in ceiling to imaging equipment. Available in 10" [254mm] width only. Units have adjustable depth.
WD-10CDOD	**5 1/2" [140mm] to 7 1/4" [184mm]**	



NOTE: To order aluminum products, add the letter "A" to the beginning of the catalog number.

Wallduct Series Raceway Replacement Hardware Ordering Information

Part No:	Description/Specifications
1002412	**Wallduct Replacement Hardware** – Hardware bag with twelve (12) 10/32 x 7/8" pan head screws.
1000883	**Wallduct Replacement Hardware** – Hardware bag with eight (8) 10/32 x 1/4" pan head screws.
1002414	**Wallduct Replacement Hardware** – Hardware bag with twelve (12) cover clips.

Part No:	Description/Specifications
686039-100FT	**Wallduct Grommet** – Applied to edges of Wallduct and fittings where cables egress to protect against damage to cable insulation. Packed 100' of grommet per unit.

Wallduct is ideal for use in medical scan rooms.

Wallduct Series Raceway Wire Fill Capacity

Use these steps to determine wire fill capacity in Wallduct.

Step 1: Determine the internal raceway area by multiplying the overall width by the overall depth (subtract material thickness).

Example: Assume a raceway 10" wide by 4" deep. Subtract the material thickness from each dimension (see below). This results in internal raceway dimensions of 9.844" (10" - 0.156") wide by 3.922" (4" - 0.078"). The internal area for this raceway size would be 38.6 sq. in. (9.844" x 3.922").

Maximum Raceway Width (In.)	Deduct for Material Thickness Left & Right	Deduct for Material Thickness (Bottom)
6" – 18" Steel	0.156"	0.078"
20" – 30" Steel	0.216"	0.108"
6" – 18" Aluminum	0.200"	0.100"
20" – 30" Aluminum	0.250"	0.125"

Step 2: Determine the number of conductors allowed inside the raceway for a given type and size (types THHN and THWN are shown in Table 1) of the conductor by multiplying the internal area (calculated in Step 1) by the number of conductors allowed per square inch (see table 1).

Example: Calculate how many No. 6 AWG (THHN) conductors you are allowed to place in the 10" x 4" raceway in Step 1 at 40% wire fill capacity. Multiply the internal area of the raceway by the maximum number of wires allowed per square inch, from table 1. This results in 304 allowable cables (38.6 sq. in. x 7.89).

A 20% fill should be used for systems utilizing fittings that have sharp 90° turns. The derating factors of NEC article 310.15(B)(2)(a) shall apply to conductors installed if the amount of current-carrying conductors exceeds 30 in number, or the sum of the cross-sectional area of all conductors exceeds 20% of the interior cross-sectional area of the raceway. When tunnels are utilized, the internal cross-sectional area must be further reduced by 50%. When partitions are utilized, the internal cross-sectional area must be calculated for each individual compartment.

Table 1 – Steel Wallduct Wire Fill Capacities for Power

WIRE SIZE AWG	DIAMETER In.	DIAMETER [mm]	AREA (In^2) Sq. In.	AREA (In^2) [Sq. mm]	40% FILL (Per Sq. In.)	20% FILL (Per Sq. In.)
14	0.111	[2.8]	0.0097	[6.3]	41.24	20.62
12	0.130	[3.3]	0.0133	[8.6]	30.08	15.04
10	0.164	[4.2]	0.0211	[13.6]	18.96	9.48
8	0.216	[5.5]	0.0366	[23.6]	10.93	5.46
6	0.254	[6.5]	0.0507	[32.7]	7.89	3.94
4	0.324	[8.2]	0.0824	[53.2]	4.85	2.43
3	0.352	[8.9]	0.0973	[62.8]	4.11	2.06
2	0.384	[9.8]	0.1158	[74.7]	3.45	1.73

Table 2 – Steel Wallduct Wire Fill Capacities for Data/Communications

	CABLE/WIRE SIZE	DIAMETER In.	DIAMETER [mm]	AREA (In^2) Sq. In.	AREA (In^2) [Sq. mm]	40% FILL (Per Sq. In.)	20% FILL (Per Sq. In.)
UNSHIELDED TWISTED PAIR	4-Pair, Cat 5e	0.220	[5.6]	0.0381	[24.6]	10	5
	4-Pair, Cat 6	0.250	[6.4]	0.0491	[31.7]	14	7
TELEPHONE	2-Pair, 24 AWG	0.140	[3.5]	0.0154	[9.9]	20	13
	4-Pair, 24 AWG	0.190	[4.8]	0.0263	[18.2]	14	7
	25-Pair, 24 AWG	0.410	[10.4]	0.1321	[85.2]	3	1
COAXIAL	RG58/U	0.195	[4.9]	0.0298	[19.2]	13	6
	RG59/U	0.242	[6.1]	0.0459	[29.6]	9	4
	RG6/U	0.270	[6.8]	0.0572	[36.9]	7	3
SHIELDED TWISTED PAIR	TYPE 1	0.390	[9.9]	0.1194	[77.0]	3	1
	TYPE 2	0.465	[11.8]	0.1698	[109.5]	2	1
	TYPE 3	0.245	[6.2]	0.0471	[30.4]	0	4
FIBER OPTIC	2-STRAND	0.180	[4.6]	0.0254	[16.4]	10	8
	4-STRAND	0.190	[4.8]	0.0263	[15.3]	14	7
	6-STRAND	0.210	[5.3]	0.0346	[22.3]	11	5
	FIBER ZIP CORD	0.110	[2.8]	0.0095	[6.1]	42	21

NOTE: Wire diameters can vary depending on manufacturer. Verify diameter and adjust fill capacities as required. Values are per one square inch of Wallduct area.

Wallduct Series Raceway Take-Off Sheet

Project Name: _____

Location: _____

1. Enter the correct size and width of each part number (WD"6"W"350"-60).
2. Provide correct covers, dividers, tunnels, hardware, fittings as required.
3. Provide correct part number of covers per bodies of WallDuct (two covers per WallDuct body).

		Run #			Run #
WD__W__-60	Body		WD__W__-60	Body	
CP__W__-S30	Surface Cover		CP__W__-S30	Surface Cover	
CP__W__-F30	Flush Cover		CP__W__-F30	Flush Cover	
WD__-P60	Straight Partition		WD__-P60	Straight Partition	
WD__-CA	Coupling Angle		WD__-CA	Coupling Angle	
WD__-WR	Wire Retainer		WD__-WR	Wire Retainer	
WD__-CP	Corner Partition		WD__-CP	Corner Partition	
WD__W__-ECS	Surface End Closure		WD__W__-ECS	Surface End Closure	
WD__W__-ECF	Flush End Closure		WD__W__-ECF	Flush End Closure	
WD__W__-HL45	45° Elbow Body		WD__W__-HL45	45° Elbow Body	
CP__-HLS-45	45° Elbow Surface Cover		CP__-HLS-45	45° Elbow Surface Cover	
CP__-HLF-45	45° Elbow Flush Cover		CP__-HLF-45	45° Elbow Flush Cover	
WD__W__-HL	Horizontal Elbow Body		WD__W__-HL	Horizontal Elbow Body	
CP__-HLS	Horizontal Surface Cover		CP__-HLS	Horizontal Surface Cover	
CP__-HLF	Horizontal Flush Cover		CP__-HLF	Horizontal Flush Cover	
WD__W__-IL	Internal Elbow Body		WD__W__-IL	Internal Elbow Body	
CP__-ILS	Internal Elbow Surface Cover		CP__-ILS	Internal Elbow Surface Cover	
CP__-ILF	Internal Elbow Flush Cover		CP__-ILF	Internal Elbow Flush Cover	
WD__W__-EL	External Elbow Body		WD__W__-EL	External Elbow Body	
CP__W__-ELS	External Elbow Surface Cover		CP__W__-ELS	External Elbow Surface Cover	
CP__W__-ELF	External Elbow Flush Cover		CP__W__-ELF	External Elbow Flush Cover	
WD__W__-T	T-Unit Body		WD__W__-T	T-Unit Body	
CP__-TS	T-Unit Surface Cover		CP__-TS	T-Unit Surface Cover	
CP__-TF	T-Unit Flush Cover		CP__-TF	T-Unit Flush Cover	
WD__W__-TUN	Straight Tunnel		WD__W__-TUN	Straight Tunnel	
WD__W__-RTUN	Right Hand Tunnel		WD__W__-RTUN	Right Hand Tunnel	
WD__W__-LTUN	Left Hand Tunnel		WD__W__-LTUN	Left Hand Tunnel	
WD__W__-3TUN	T-Unit Tunnel		WD__W__-3TUN	T-Unit Tunnel	
WD__W__-X	X-Unit Body		WD__W__-X	X-Unit Body	
CP__-XS	X-Unit Surface Cover		CP__-XS	X-Unit Surface Cover	
CP__-XF	X-Unit Flush Cover		CP__-XF	X-Unit Flush Cover	
WD__W__-XTUN	X-Unit Crossover		WD__W__-XTUN	X-Unit Crossover	
WD__W__-3TUN	X-Unit Tunnel		WD__W__-3TUN	X-Unit Tunnel	
WD__W__-SES	Sweep Elbow		WD__W__-SES	Sweep Elbow	
WD__-RO2	Reducer Coupling		WD__-RO2	Reducer Coupling	
WD__-RO4	Reducer Coupling		WD__-RO4	Reducer Coupling	
WD__W__-CC/DO	Cabinet Connector Drop Out		WD__W__-CC/DO	Cabinet Connector Drop Out	
WD__W__-SWCCS	Sweep Cabinet Connector		WD__W__-SWCCS	Sweep Cabinet Connector	
WD__W__-FST	Transition		WD__W__-FST	Transition	
WD__-ACPS	Surface Access Cover Plate		WD__-ACPS	Surface Access Cover Plate	
WD__-ACPF	Flush Access Cover Plate		WD__-ACPF	Flush Access Cover Plate	
WD__W__-SWTS	Sweep Tee		WD__W__-SWTS	Sweep Tee	
WD__W__-FCCS	Flanged Cabinet Connector		WD__W__-FCCS	Flanged Cabinet Connector	
WD__W__-FCCF	Flanged Cabinet Connector		WD__W__-FCCF	Flanged Cabinet Connector	
WD-10CDO	Ceiling Drop Out		WD-10CDO	Ceiling Drop Out	
WD-10CDOD	Ceiling Drop Out		WD-10CDOD	Ceiling Drop Out	

NOTES

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