

PROJECT: 461920
DATE: JUNE 28, 2010

DRAWN BY: LEVI THOMPSON
REVIEWED BY: THOM NOBLE

SECOND FLOOR
PART POWER PLAN
NEW MULTIGENERATIONAL
RECREATION CENTER
COUNTY OF ROANOKE
ROANOKE, VIRGINIA



MOSELEY ARCHITECTS
A PROFESSIONAL CORPORATION
780 LYNNHAVEN PARKWAY, SUITE 200, VIRGINIA BEACH, VIRGINIA 23452
PHONE (757) 368-2800 FAX (757) 368-2233
MOSELEY
FIRST CHOICE Public - Private Partners
3200 NORFOLK STREET
RICHMOND VA 23230
PHONE (804) 794-7555

Wellness 201
Floor & Equipment
Outlets

Front Desk

LV7-42

201-70
LV6-28

201-71
LV6-28

201-72
LV6-28

201-73
LV6-28

201-29
LV7-29

201-30
LV7-27

201-31
LV7-25

201-32
LV7-23

201-33
LV7-21

201-34
LV7-19

201-35
LV7-17

201-36
LV7-15

201-37
LV7-13

201-38
LV7-11

~~Broken wire~~ 201-39
LV7-31

201-40
LV7-9

201-41
LV7-7

201-42
LV3-15

201-43
LV7-5

201-44
LV7-3

201-45
LV7-1

201-46
LV3-23

201-8
LV7-28

201-9
LV7-41

201-10
LV7-24

201-11
LV7-39

201-12
LV7-22

201-13
LV7-37

201-14
LV7-16

201-15
LV7-36

201-16
LV7-34

201-17
LV7-14

201-18
LV7-32

201-19
LV3-18

201-20
LV7-10

201-21
LV3-16

201-22
LV3-24

201-23
LV7-4

201-24
LV3-22

201-25
LV7-2

201-26
LV7-38

Knee
Wall

LV6-25
LV6-27

201-1

LV6-23
LV6-21

201-2

LV6-19
LV6-17

201-3

LV6-13
LV6-15

201-4

LV6-11
LV6-9

201-5

LV6-7
LV6-5

201-6

LV6-3
LV6-1

201-7

Track

ENGLISH

January 2009

1285 16110 002 00

Entered

615 Church Street
Lynchburg, VA 24504
Ph : (434) 845-0301

Submittal

Job: 1285

MULTIGENERATIONAL REC CTR-ROAN
ROANOKE COUNTY
PO BOX 29800
ROANOKE, VA 24018

Spec Section No: 16110

Submittal No: 4 2

Revision No: 0

Sent Date:

Spec Section Title:

Submittal Title: Metallic Raceways

Contractor's Stamp

REVIEWED

MAR 06 2009

ENGLISH CONSTRUCTION CO., INC.
BY: Chri St

Architect (Primary):
MOSELEY ARCHITECTS
RUSSELL GILES

Architect's Stamp

RECEIVED

MAR 09 2009

MOSELEY ARCHITECTS

Engineer's Stamp

SOUTHERN AIR, INC.
 APPROVED
 APPROVED AS CORRECTED
BY Noble
DATE 2/21/09

SMT.
107

DIV.
16

PROJECT.
461920



Submittal Identification

Submittal Number 308252-2

Project : New Multi. Gen. Rec. Ctr.
SAI Job Number : 308252
Submittal Date : January 15 2009
Spec Section # & Title: 16110 Metallic Raceways
Submittal Description : Metallic Raceways
Manufacturer : Various

Salesman : **Vendor :** **Various**

Phone : **1-800-555-1234** Fax : **1-800-555-1235**

Engineer : Southern Air, Inc.
2655 Lakeside Drive
Lynchburg, VA 24501
Phone : 434-385-6200 Fax : 434-385-6209

Project Manager : Jack Bryant
Subcontractor : Southern Air, Inc.
6434 Peters Creek Rd
Roanoke, VA 24019
Phone : 540-362-3000 Fax : 540-362-4349

SOUTHERN AIR REVIEW:

The equipment and material shown and marked in this submittal is that proposed to be incorporated into this Project, is in compliance with the Contract Drawings and Specifications, unless otherwise shown in bold face type or letting and listed on a page or pages headed "DEPARTURES FROM DRAWINGS AND SPECIFICATIONS", (if applicable) and can be installed in the allocated spaces.

Reviewed by

Jack Beyond

Date

3/5/09

CAPITAL LIGHTING & SUPPLY
FARMVILLE , VA.
PHONE- 434-392-1650
FAX-434-392-7334

RACEWAY SUBMITTALS
FOR
ROANOKE MULTIGENERATIONAL
& RECREATION CENTER
CONTRACTOR
SOUTHERN AIR INC.



Capital Lighting & Supply

Raceway Solutions Quotation

Quote No: DFC-020209-01 Rev 3

Dennis Fligges Co., Inc 238 Center Dr., Chicora, PA. 16025

Date: 2-10-09

Job Name: Multigenerational Recreation Center

Location: VA

Contractor:

Agent:

Freight Terms:

Qty	Catalog Number	Description	Price
17	OKA/3-1/4 x 12-3C-1/4	Three Compt Trench Duct 3-1/4 x 12 x 72 with 1/4 Cover	
1	OKTT/3-1/4 x 12-3C-1/4	Three Compt Trench Duct T unit 3-1/4 x 12	
1	OKSER/D/12S	Sweep Vertical Riser	
2	OK-HOOD	Access Hood for Trench	
3	OKEB/12	Trench Duct End Cap 2-1/2 x 12	
1	OWA/D/12S	Wall Duct 3-1/2 x 12 x 60 with Surface Covers	
1	OWF/D/12	Wall Duct Cabinet Connector	
55	203F-15-24	Three Compt Duct with 1-1/2" High Three Gang Inserts 24" OC	
120	203-DCS	Duct Coupler Supports	
10	203-ECS	End Cap Supports	
3	203F-JB-15	Three Compt Junction Box for 1-1/2" Insert Height	
5	SPOKA-CROSS/3-1/4 x 12-203F	Trench to Duct Fitting	
2	SPOKA-CROSS/HRU/3-1/4 x 12-203F	Trench to Duct Fitting	
120	FACA-1G-AL	Aluminum Single Gang Carpet Flange	
70	FA-MCP-GFCI-AL	Aluminum Cover Plate with 1 Flip Lid	
50	FA-MCP-FDP-AL	Aluminum Cover Plate with 2 Flip Lids for Duplex	

Note:

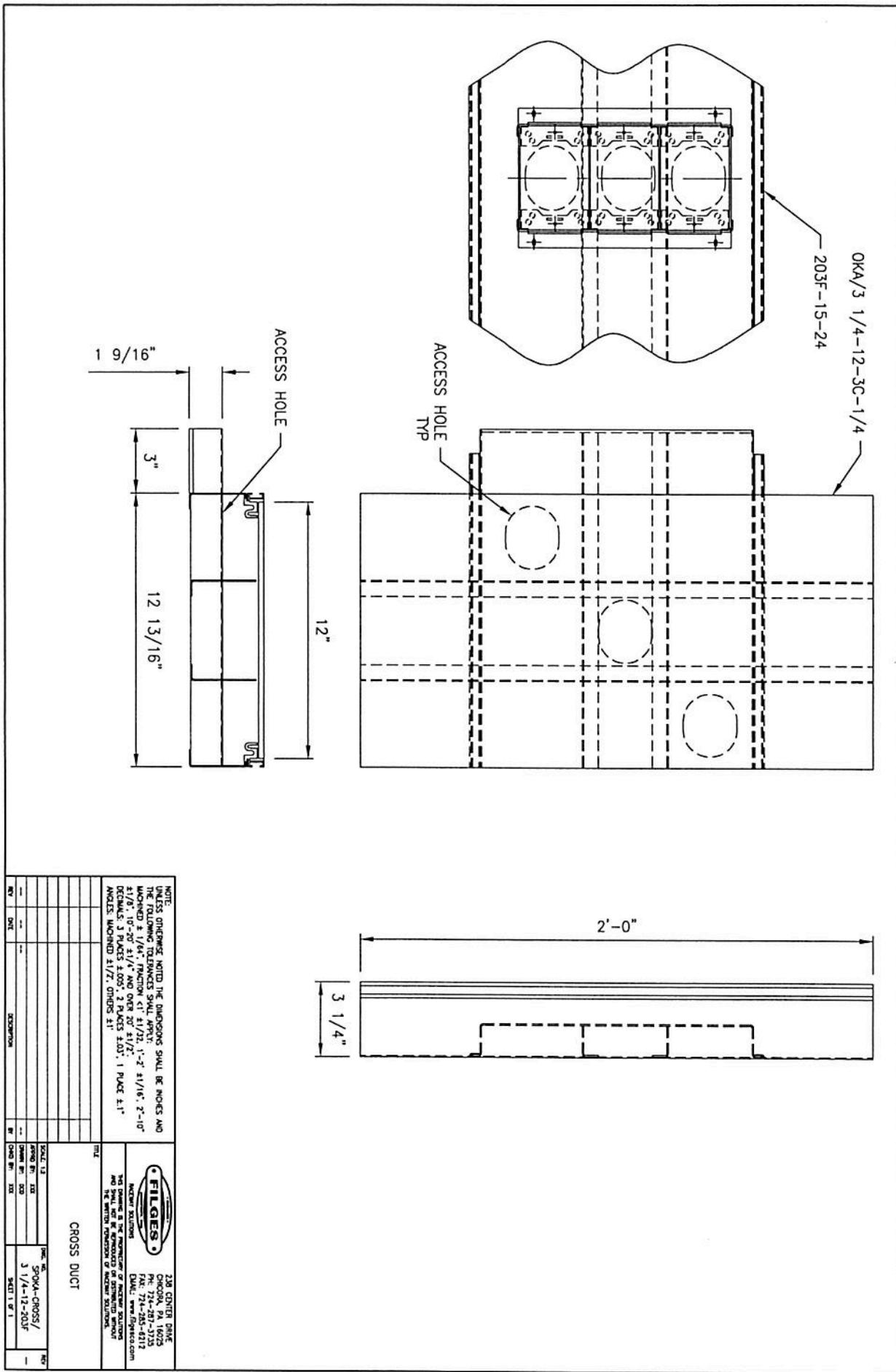
Quotation is based on information provided and is not guaranteed for a complete installation

Quotation is valid for 30 days

No Returns accepted on Lot Priced Material

Prices quoted do not include State, Municipal, Federal sales or Excise Taxes

Lead Time Shipment 13-15 Work Days ARO



14 GAUGE GALV BODY
50" COVER CARBON STEEL

.250" COVER CARBON STEEL

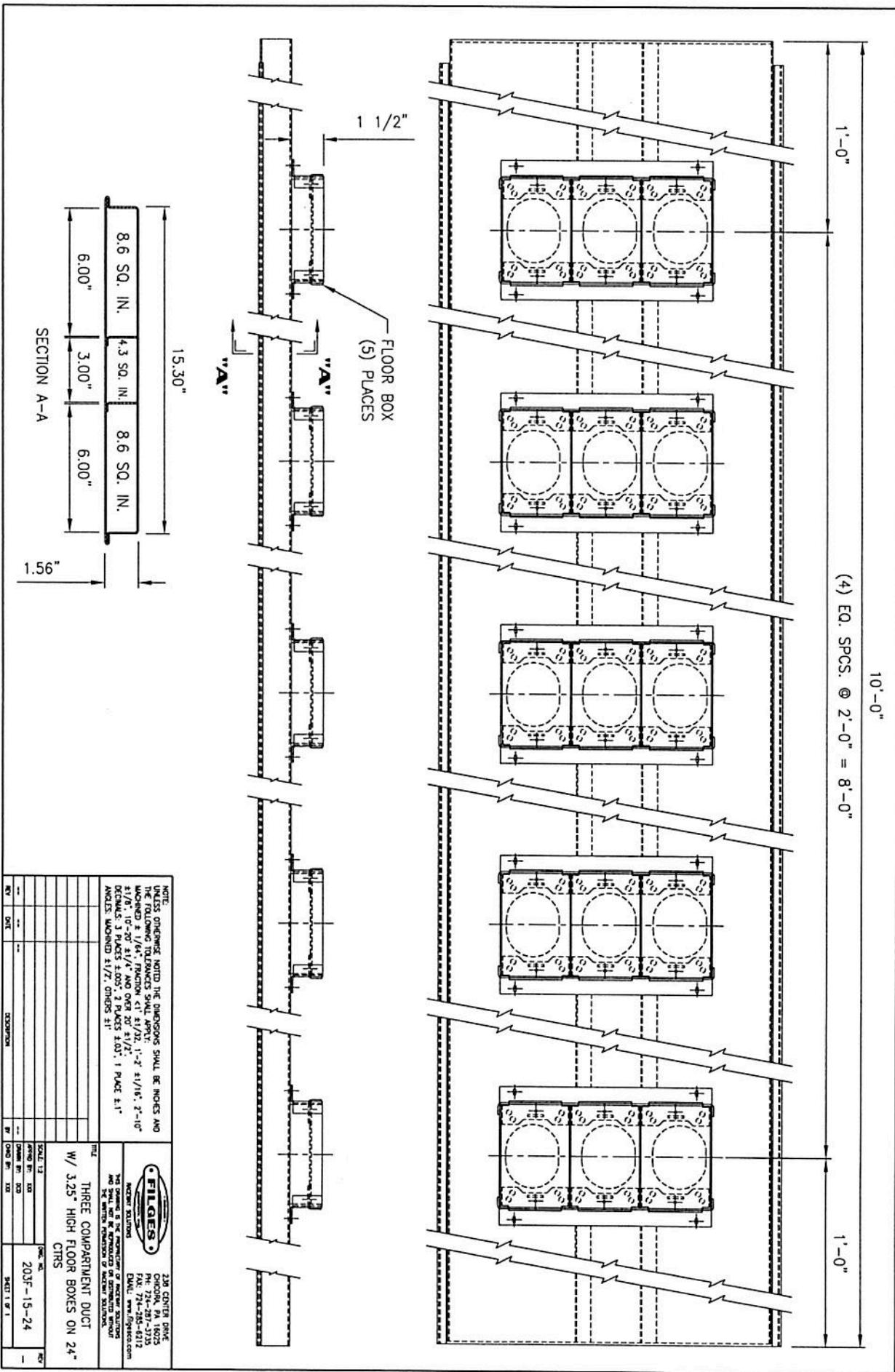
NOTE:
UNLESS OTHERWISE NOTED THE DIMENSIONS SHALL BE INCHES AND
THE FOLLOWING TOLERANCES SHALL APPLY:
MACHINED $\pm 1/64"$, FRACTION $<1/32"$, $1^{\circ}-2^{\circ}$, $\pm 1/16"$, $2^{\circ}-10^{\circ}$
 $\pm 1/8"$, -20° to $+10^{\circ}$ AND OVER $+10^{\circ}$ to -10° .

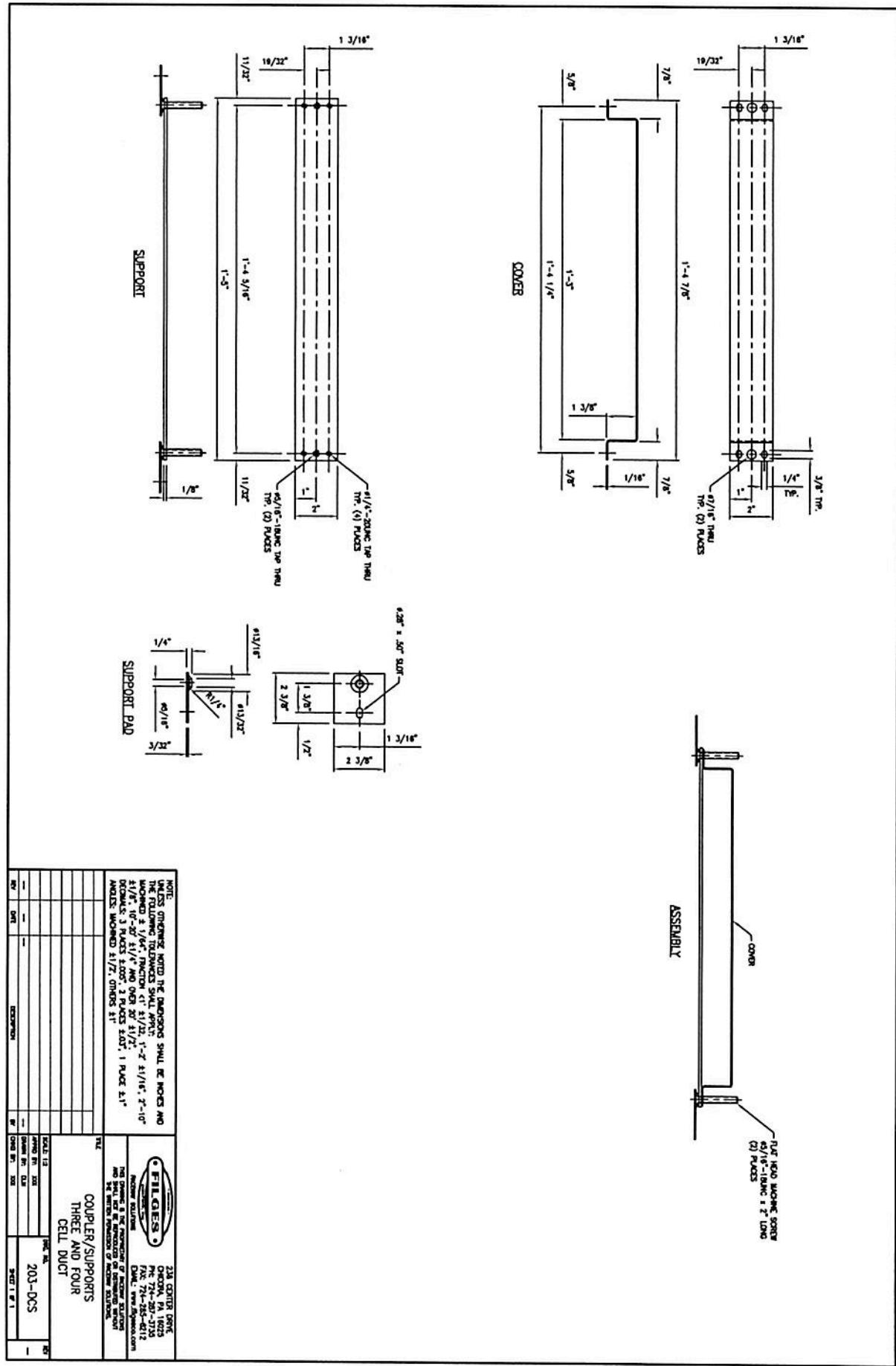


238 CENTER DRIVE
CHICORA, PA 16025
PH: 724-287-3735
FAX: 724-285-6212
EMAIL: www.filgesco.com

A technical line drawing of a rectangular metal frame. The frame has a central rectangular cutout. At each corner, there is a U-shaped bracket with a threaded bolt and a lock washer. The top edge of the frame has a decorative, flared border. Dimension lines indicate the following measurements: the top width is 3 1/4", the left height is 12 13/16", the bottom width is 17 1/2", and the right height is 12".

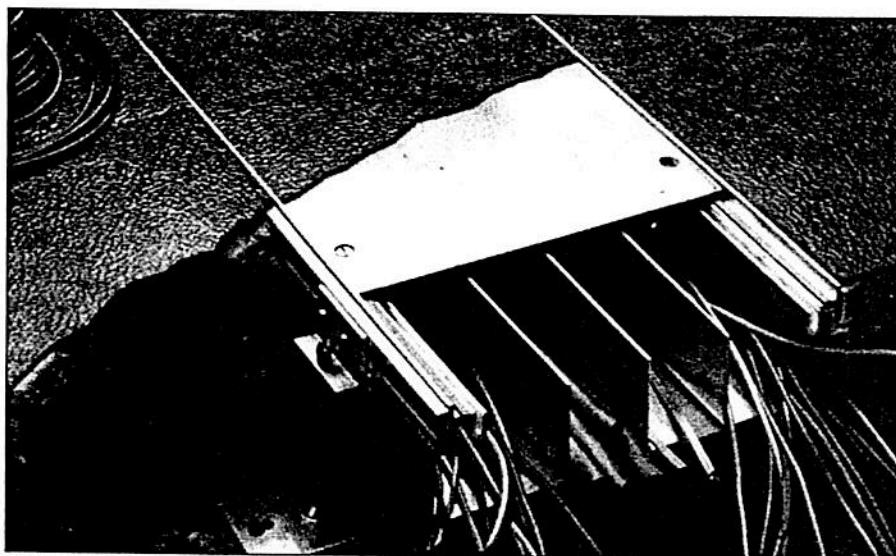
FLOOR COVER





Raceway Solutions™

Trench Duct

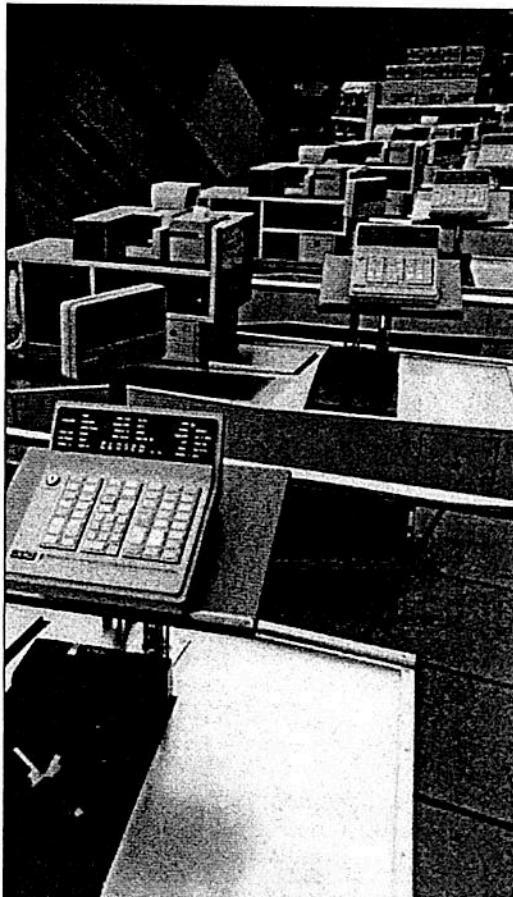


Features

- High Capacity Duct
- 14 gauge galvanized steel
- Aluminum trim frame
- Total Adjustability
- Standard 3/16" steel cover plate
- Threaded groove track
- Feeds Wall Duct systems
- UL Listed No. 884

Applications

- Commercial Buildings
- Retail Outlets
- Office Buildings
- Schools, Universities
- Shopping Centers



A High-Capacity Trench System for In-Floor Wire Management

The Raceway Solutions Trench System is an in-floor wire management system that meets today's high-capacity wiring needs that require multiple circuit separation. This system provides the raceways for which power, telecommunication and electronic circuitry can be supplied to multiple point-of-sale checkout counters, particularly those where a scanner is used or may be proposed.

Because of its ability to protect dedicated power circuits to computers as well as distribute general power in the same system, it is ideal for use in all data processing centers. Ample additional capacity for electronic, telecommunications and local area network circuitry is available.

Multiple Compartments Provide More Capacity Than Conventional Ducts

The Raceway Solutions trench system provides more capacity than conventional conduits and ducts. It features a single, high-capacity duct with four compartments for easy placement of additional wiring.

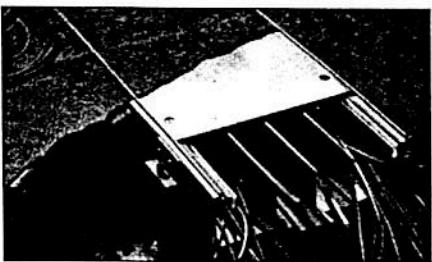
Its open-top design allows wiring to be laid in the duct instead of being pulled, eliminating the need for junction boxes. Wiring can be run directly from the top of the duct to the outlet stations, eliminating service fittings that protrude above the floor.

Removable covers are 3/16" thick and lock into the track of the trench preventing deflection under heavy loads.

Removable covers allow free access to wiring and can be placed anywhere along the duct for easy wire exit relocation.

Raceway Solutions™

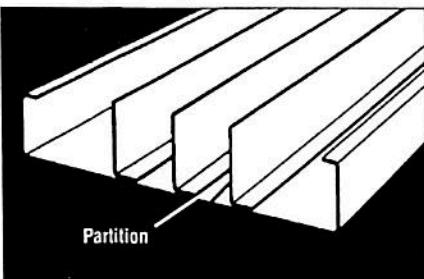
Trench Duct



Duct Frame

Duct frame includes fixed metal partitions that create multiple compartments in the duct. This feature permits a single duct to distribute power, electronics and communications. Duct with fewer partitions is available to meet your specifications and can be located in strategic places to meet special distribution requirements.

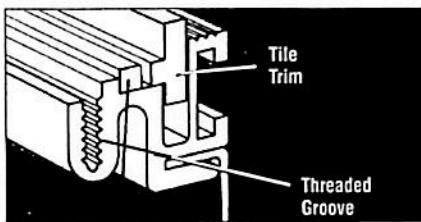
The duct frame is available in a variety of sizes. The frame is of 14 gauge galvanized steel and is supplied in standard 6' lengths. It can be cut to length which increases field flexibility and eliminates the need for ordering specialty fabricated material.



Track

The track of the structural assembly integrates the base aluminum profile with the tile trim, extruded rubber strip, and the duct support assembly. The track also provides the screed line for the concrete.

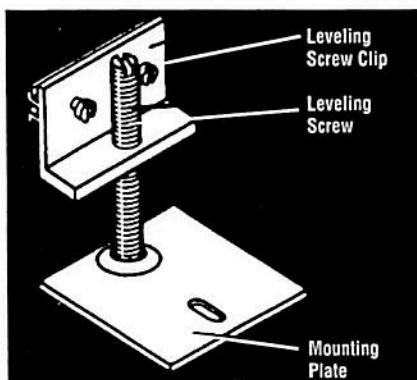
- The aluminum profile accepts and holds the duct frame, rubber cushion, and cover plate screws in addition to supporting the cover plate; it also acts as a runner for the leveling screw clips.



- The aluminum tile trim provides a finished edge for the tile, assists in cutting, and can be reversed when the trim is not required; can be reversed when carpet is used
- The extruded rubber gasket acts as a cushion, sound dampener and moisture barrier between the cover plate and the duct; meets U.L. moptight requirements

Duct Support Assembly

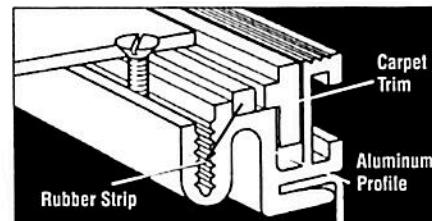
The unique duct support assembly provides one time leveling capability and acts as a splice for duct sections. The assembly consists of the leveling screw clip, mounting plate, and leveling screws, and is independent of the final support of the duct.



Leveling screw allows for 1" adjustment.

- The leveling screw clip integrates with the track and provides full adjustment along the length of the duct; it also acts as the splice for duct sections
- The heavy gauge mounting plate fastens duct to metal deck, rough slab, or wood/metal forms prior to pouring concrete; it adjusts to meet most floor and installation requirements.

- The leveling screws provide vertical adjustment of the duct prior to concrete pour; this allows the duct to be leveled to the screed line so only one pour is required



Cover

The cover plates for the Raceway Solutions Trench Duct are horizontally adjustable to any point along the duct. The 3/16" thick cover plates come in standard 24" lengths — three are provided per 6' duct section. A 1 1/4" thick cover plate is also available as a customer option.

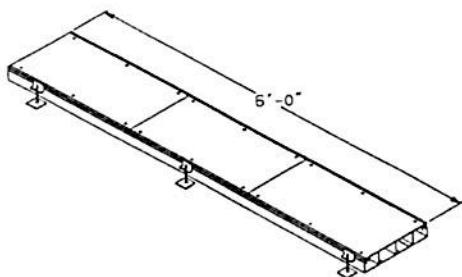
A special threaded groove on the track accepts the cover plate screws at any point along the duct, providing the cover unlimited adjustment. This special design relieves the installer from matching the duct frame sections with the covers, eliminating field cutting in most instances. This can substantially reduce installation and maintenance costs.

The cable exit may be installed on an exit fitting cover allowing cable to be easily pulled out and activated. The cable exit is reversible to provide accessibility from either direction. The standard cover plates may be removed and exit fitting covers installed for the cable exit.



Raceway Solutions™

Trench Duct



Raceway Solutions Trench Duct is manufactured in 6 foot lengths complete with three leveling feet on each side (OK/F-2-1/2), three cover plates 24" long (OKC) and three cover joint protectors (OK/DSD). The leveling feet (screw clips) permit 1" of vertical adjustment and act as section couplers. Additional vertical adjustment is available on order by increasing the length of the screw in the OK/F.

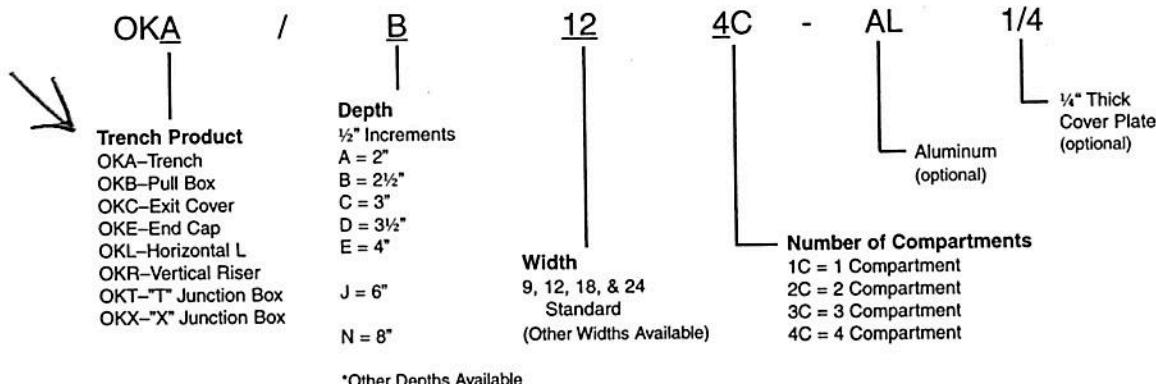
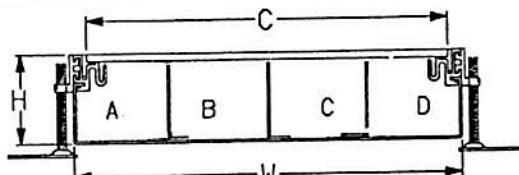
NOTE: All vertical adjustment should be made before the concrete is poured.

Duct Sections

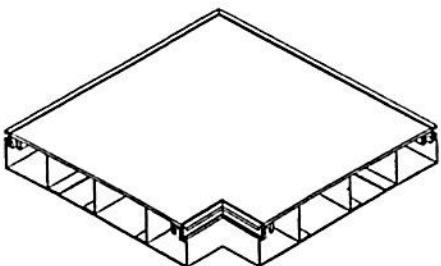
Cat. No.	Cover Width (c)	Outside Dimensions (in.)		Compartment Area (sq.in.)				Cell Width (in.)			
		H	W	A	B	C	D	A	B	C	D
Four Compartment											
OKA/B12-4C	12	2½	12½	6.6	6.6	6.6	6.6	3.15	3.15	3.15	3.15
Three Compartment											
OKA/B9-3C	9	2½	9½	6.7	6.7	6.7	—	3.2	3.2	3.2	—
OKA/B12-3C	12	2½	12½	8.8	8.8	8.8	—	4.2	4.2	4.2	—
OKA/C12-3C	12	3	12½	10.9	10.9	10.9	—	4.2	4.2	4.2	—

UL Listing No. 884

Catalog Number System



Note: *Other depths and widths are available. Please consult factory for details. Also available in Aluminum.



Manufactured with a single cover and matching compartments to form a 90° Horizontal L.

Horizontal L Fitting

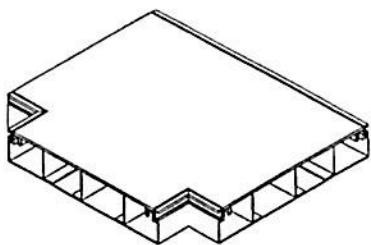
Cat. No.	Associated Trench	Outside Cover Dimension	No. of Compartments
OKL/B9-3C	OKA/B9-3C	12" x 12"	3
OKL/B12-4C	OKA/B12-4C	15" x 15"	4
OKL/C12-3C	OKA/C12-3C	15" x 15"	3
OKL/B12-3C	OKA/B12-3C	15" x 15"	3

Note: Table only an example of available sizes. Please refer to above for catalog number system.

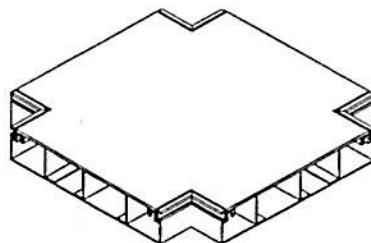


Raceway Solutions™

Trench Duct



Manufactured with internal partitions and crossovers to isolate power and communication.



Manufactured with internal partitions and crossovers to isolate power and communication.

Single Level "T" Junction Fitting

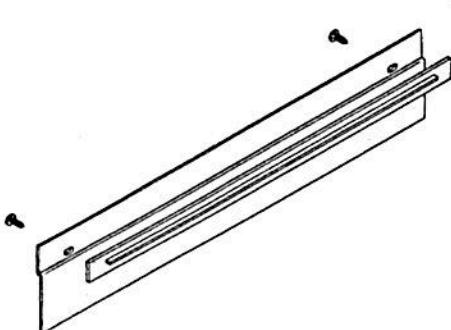
Cat. No.	Cover Dimensions	Associated Trench
OKT/B9-3C	15" x 12"	OKA/B9-3C
OKT/B12-4C	18" x 15"	OKA/B12-4C
OKT/B12-3C	18" x 15"	OKA/B12-3C
OKT/C12-3C	18" x 15"	OKA/C12-3C

Note: Table only an example of available sizes. Please refer to page 26 for catalog number system.



Single Level "X" Junction Fitting

Cat. No.	Cover Dimensions	Associated Trench
OKX/B9-3C	15" x 15"	OKA/B9-3C
OKX/B12-4C	18" x 18"	OKA/B12-4C
OKX/B12-3C	18" x 18"	OKA/B12-3C
OKX/C12-3C	18" x 18"	OKA/C12-3C



Fits over end of trench run to close trench and prevent foreign material from entering. End cap may be drilled to accept conduit.

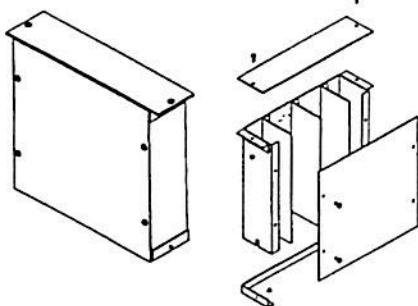
End Cap

Cat. No.	Width	Maximum Conduit	Depth
OKE/B9	10"	1 1/4"	2 1/8"
OKE/B12	13"	1 1/4"	2 1/8"
OKE/C12	13"	2"	3 1/8"



Raceway Solutions™

Trench Duct



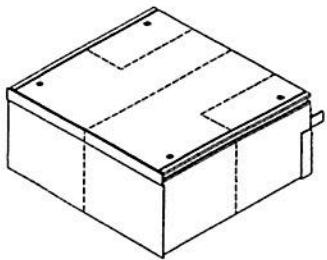
Manufactured to mount on trench in place of cover. Partitioned to separate cells and flanged to attach to pull box. Removable front cover and top cover. Standard height above finish floor —12 inches. Standard depth —3½ inches.



Vertical Riser Fitting

Cat. No.	Associated Trench	No. of Compartments	D	W	H
OKR/D9-3C	OKA/B9-3C	3	3½"	9"	12"
OKR/D12-4C	OKA/B12-4C	4	3½"	12"	12"
OKR/D12-3C	OKA/B12-3C OKA/C12-3C	3	3½"	12"	12"

Note: Table only an example of available sizes. Please refer to page 26 for catalog number system.



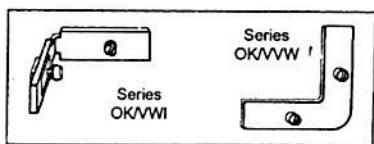
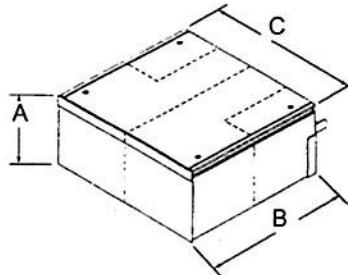
Manufactured to attach to trench section replacing end cap. Divided into compartment as shown. Additional depth permits attachment of larger conduit. Will accept up to 4" conduit. Box is field punched.



Pull Box

Cat. No.	Associated Trench	Dimensions		
		A	B	C
OKB/B9-3C	OKA/B9-3C	6"	12"	9"
OKB/B12-4C	OKA/B12-4C	6"	12"	12"
OKB/B12-3C	OKA/B12-3C	6"	12"	12"
OKB/C12-3C	OKA/C12-3C	6"	12"	12"

UL Listing No. 884



Accessories to join trench sections for field fabrication of horizontal and vertical assemblies.



Fastening Angles

Cat. No.	Description
OK/VW	Horizontal Angle
OK/VW	Vertical Angle

Raceway Solutions™

Wall Duct



Flush or Surface Mounted Wiring System for X-Ray Rooms

Wall Duct is a steel raceway, approved by U.L. for the enclosure of wiring to X-ray machines in medical applications. The system provides complete lay-in wiring capability in order to accommodate the large cables and connectors used in today's installations.

Wall Duct, when used in combination with floor trench, provides protection for X-ray room wiring from control consoles to X-ray machines to power supplies to remote locations.

Wall Duct is available in either flush or surface mount and a combination will usually be required on any job. Vertical runs in the walls are usually flush mounted with horizontal runs on walls and all duct in ceiling plenum being surface type.

Catalog Number System

OWA

/

D

12

S

AL

Aluminum (optional)

Cover Style
"S"-Surface
"F"-Flush

Depth

$\frac{1}{2}$ " Increments

A = 2"
B = 2½"
C = 3"
D = 3½" Standard
E = 4"

J = 6"

N = 8"

Width
6, 10, 12, & 18
Standard

*Other Widths Available

Wall Duct Product

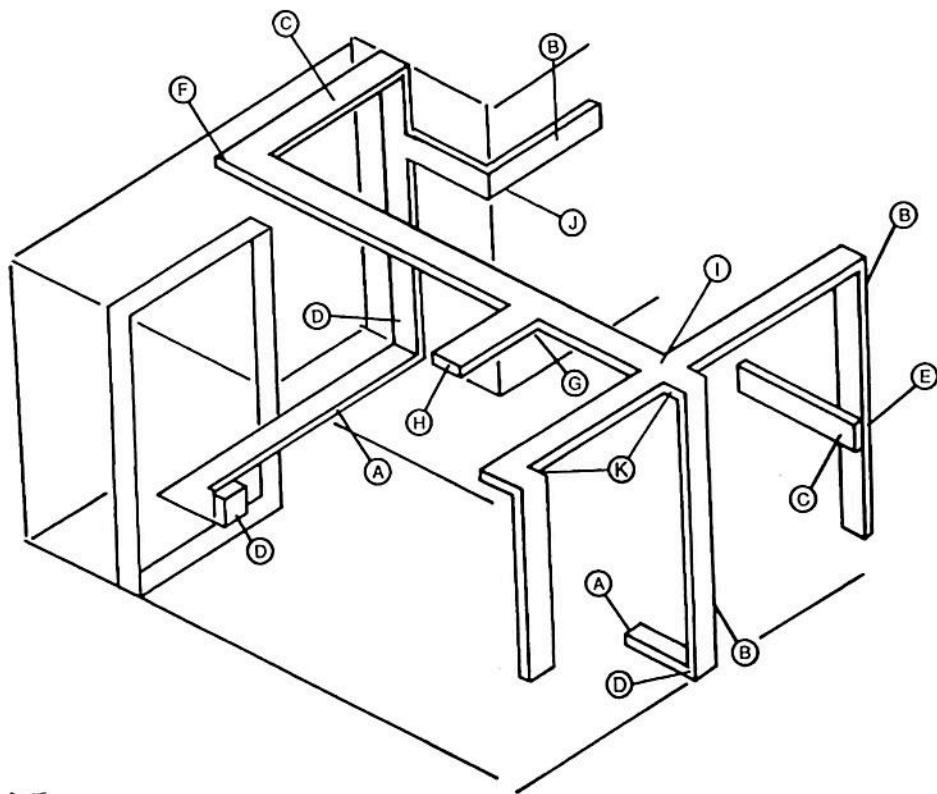
OWA-Wall Duct
OWB-Adapter
OWC-Coupling
OWD-Reducer Coupling
OWE-End Closure
OWF-Cabinet Connector
OWH-Horizontal Elbow
OWI-Internal Elbow
OWL-External Elbow
OWP-Partition
OWR-Vertical Riser
OWT-T Unit
OWV-Trench to Wall Duct Adapter
OWX-X Unit

*Other Depths Available



Raceway Solutions™

Wall Duct



Wall and Ceiling Duct Description

Wall Duct is manufactured of 14 gauge steel. Bodies are pre-galvanized G90-U and covers are dip painted. The covers may be field painted to match room interiors. Straight bodies are 5'0" long with two 30" coverplates.

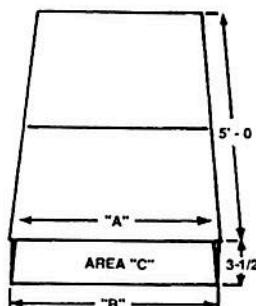
Wall Duct is U.L. Listed under File
Number: E116245

- A. OKA/B12-3C**—Trench 12" wide, 2½" deep, 3 compartment. See page 27.
- B. OWA/D12F**—Wall Duct -12" wide, 3½" deep, flush mounted. See page 37.
- C. OWA/D12S**—Wall Duct -12" wide, 3½" deep, surface mounted. See page 37.
- D. OWR/D12F**—Wall Duct Riser -12" wide, 3½" deep, flush mounted. See page 41.
- E. OWB/D12-12**—Wall Duct Flush to Surface Adapter -12" wide, 3½" deep flush mounted. See page 37.
- F. OWH/D12S**—Wall Duct 90° Horizontal Elbow -12" wide, 3½" deep, surface mounted. See page 39.
- G. OWT/D12S**—Wall Duct "T" Unit - 12" wide, 3½" deep, surface mounted. See page 42.
- H. OWE/D12S**—Wall Duct End Closure -12" wide, 3½" deep, surface mounted. See page 38.
- I. OWX/D12S**—Wall Duct "X" Unit - 12" wide, 3½" deep, surface mounted. See page 43.
- J. OWL/D12F**—Wall Duct External Elbow -12" wide, 3½" deep, flush mounted. See page 40.
- K. OWI/D12F**—Wall Duct Internal Elbow -12" wide, 3½" deep, flush mounted. See page 39.
- L. OWA/D18S**—Wall Duct —18" wide, 3½" deep, surface mounted. See page 37.
- M. OWA/D18F**—Wall Duct —18" wide, 3½" deep, flush mounted. See page 37.



Raceway Solutions™

Wall Duct



12" or 18" wide x 3½" deep x 60" long body with two 30" long coverplates. Each piece includes one coupling (Cat. No. OWC/D12 or OWC/D18) and necessary screws.



Wall and Ceiling Duct

Cat. No.	"A" Cover Width	"B" Body Width	"C" Area
OWA/D12S	12"	11½"	39 sq.in.
OWA/D18S	18"	17½"	59 sq.in.
OWA/D12F	14"	11½"	39 sq.in.
OWA/D18F	20"	17½"	59 sq.in.

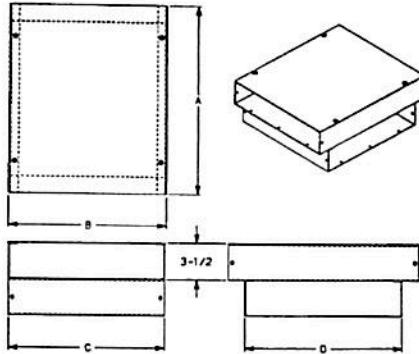
May be field cut to required length. See installation instructions.

Material: 14 gauge pre-galvanized steel. Also available in aluminum. (consult factory)
UL Listing No. E116245

Note: Table only an example of available sizes. Other lengths, depths & widths are available. Please refer to page 35 for catalog number system.



Flush to Surface Adapter



To transition from surface raceway to flush delivery.

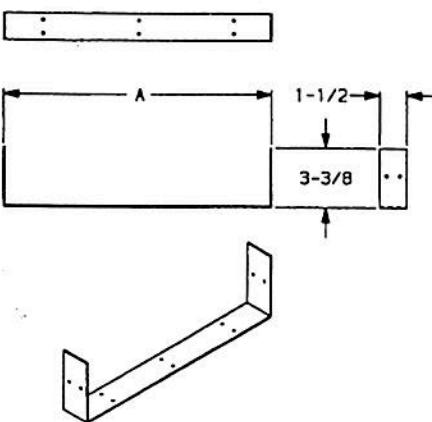


Coupling

Cat. No.	A
OWC/D12	12"
OWC/D18	18"

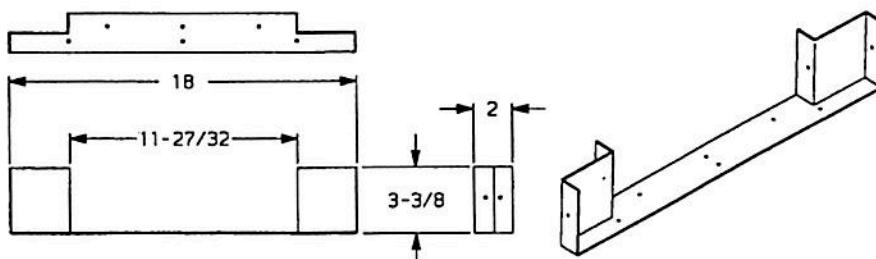
Screws included.

Material: 14 gauge pre-galvanized steel.
UL Listing No. E116245



Raceway Solutions™

Wall Duct

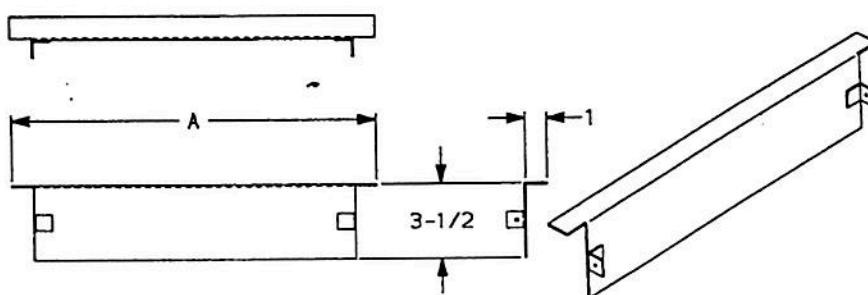


Reducer Coupling

Cat. No.	Description
OWD/D	Reduce from 18" to 12" duct

Screws included.

Material: 14 gauge pre-galvanized steel.
UL Listing No. E116245

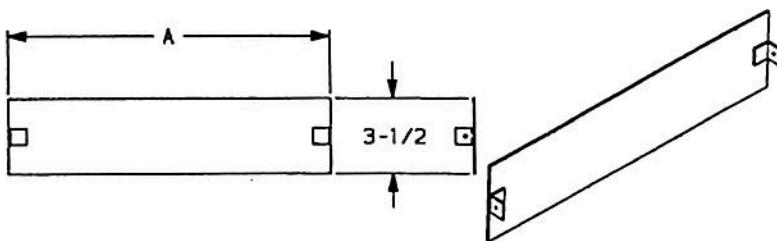


Flush End Closure

Cat. No.	A
OWE/D12F	14"
OWE/D18F	20"

Screws included.

Material: 14 gauge pre-galvanized steel.
UL Listing No. E116245

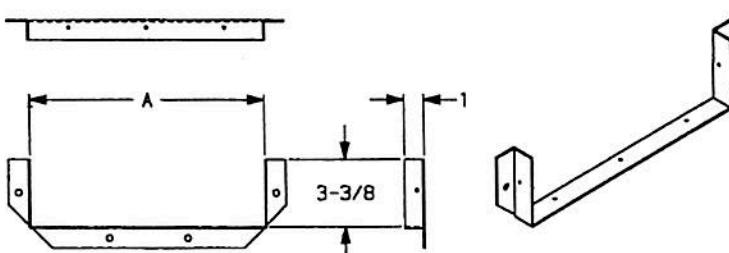


Surface End Closure

Cat. No.	A
OWE/D12S	12"
OWE/D18S	18"

Screws included.

Material: 14 gauge pre-galvanized steel.
UL Listing No. E116245



Cabinet Connector

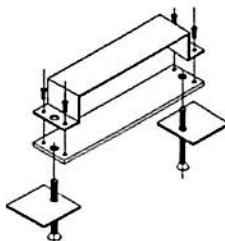
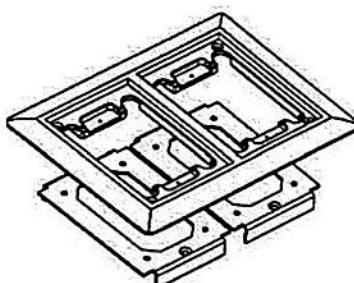
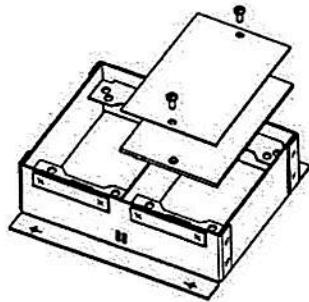
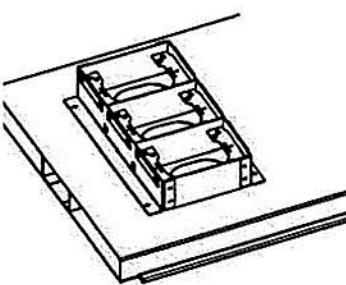
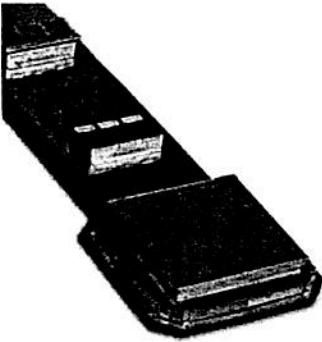
Cat. No.	A
OWF/D12	11 $\frac{1}{8}$ "
OWF/D18	17 $\frac{1}{8}$ "

Material: 14 gauge pre-galvanized steel.
UL Listing No. E116245



Raceway Solutions™

Flush Activation Underfloor Duct



Raceway Solutions Flush Activation Underfloor Duct provides an aesthetic wire management solution for delivering power and communications services. The new flush-style inserts, which use standard floor box covers for power and data outlets, make it the ideal underfloor duct solution for office environments, retail locations, casinos, and medical facilities. Raceway Solutions Flush Activation Underfloor Duct sets the standard for fast, easy installation by incorporating a unique one-piece duct design along with integral coupler/supports.

Raceway Solutions Flush Activation Underfloor Duct also sets the standard for application flexibility. The duct comes with activation inserts pre-assembled to the duct, or the inserts can be purchased separately for field installation only where you need them. Unique multi-gang inserts with removable voltage dividers provide the flexibility of installing multiple gangs of the same service at each insert location. In addition, the use of standard floor box covers enables a wide variety of power and data outlets.

Features & Benefits:

- **Available in 1-, 2-, and 3- compartment duct configurations**

Unique one-piece duct reduces installation labor.

Welded-in dividers create separate channels for power & communications services.

- **Unique multi-gang inserts offer application flexibility**

Removable voltage dividers allow multiple gangs of the same service at each insert location.

Individual gangs can be activated as needed – keeps costs down.

Afterset inserts are available for field installation – inserts only where you need them to minimize system cost.

- **Aesthetic, flush-mounted activation trims are available for both carpet and tile applications**

Brass, aluminum and nonmetallic trims are available.

Tile trims have after-pour adjustability to accommodate variations in tile thickness.

- **Activation trims accept standard Raceway Solutions Floor Box Covers**

Brass, aluminum and nonmetallic covers are available.

Complete cover offering accommodates a wide range of applications.

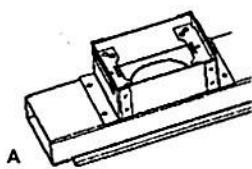
- **Combination coupler/supports simplify installation**

Same part is used to join raceway sections together and to support/level the duct – reduces labor & material.

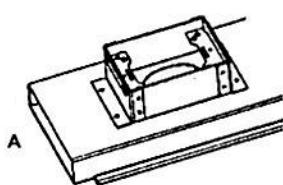


Raceway Solutions™

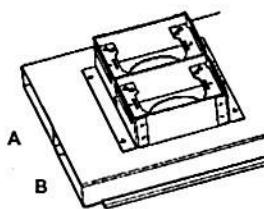
Flush Activation Underfloor Duct



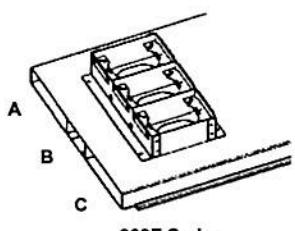
201F Series
Single Compartment



201WF Series
Wide Single Compartment



202F Series
Two Compartment



203F Series
Three Compartment

Catalog Number System

20_F

- 3 -

12

of Cells

1 = Single Cell

1W = Single Cell Wide

2 = Two Cell

3 = Three Cell

Insert Height

B = Blank

15 = 1½" Height

12 & 24 Standard

2 = 2" Height

6, 18, & 36 (optional)

3 = 3" Height



Duct Sections

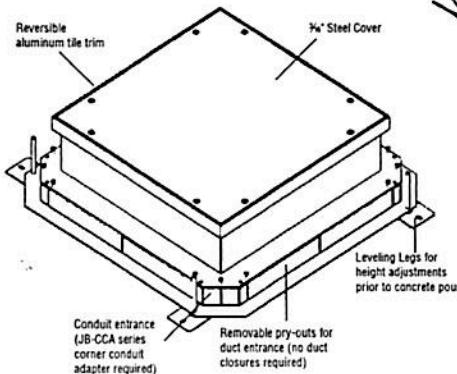
Cat.No.	Duct Depth	Duct Width	Compartment Width	Insert Height	Insert Spacing
201-B	1½"	3¼"	A = 3¼"	(no inserts)	(no inserts)
201F-3-24	1½"	3¼"	A = 3¼"	3"	24"
201F-2-24	1½"	3¼"	A = 3¼"	2"	24"
201F-15-24	1½"	3¼"	A = 3¼"	1½"	24"
201F-3-12	1½"	3¼"	A = 3¼"	3"	12"
201F-2-12	1½"	3¼"	A = 3¼"	2"	12"
201F-15-12	1½"	3¼"	A = 3¼"	1½"	12"
201W-B	1½"	5¾"	A = 5¾"	(no inserts)	(no inserts)
201W-3-24	1½"	5¾"	A = 5¾"	3"	24"
201WF-2-24	1½"	5¾"	A = 5¾"	2"	24"
201WF-15-24	1½"	5¾"	A = 5¾"	1½"	24"
201WF-3-12	1½"	5¾"	A = 5¾"	3"	12"
201WF-2-12	1½"	5¾"	A = 5¾"	2"	12"
201WF-15-12	1½"	5¾"	A = 5¾"	1½"	12"
202-B	1½"	10"	A & B = 5"	(no inserts)	(no inserts)
202F-3-24	1½"	10"	A & B = 5"	3"	24"
202F-2-24	1½"	10"	A & B = 5"	2"	24"
202F-15-24	1½"	10"	A & B = 5"	1½"	24"
202F-3-12	1½"	10"	A & B = 5"	3"	12"
202F-2-12	1½"	10"	A & B = 5"	2"	12"
202F-15-12	1½"	10"	A & B = 5"	1½"	12"
203-B	1½"	15"	A & C = 6"- B = 3"	(no inserts)	(no inserts)
203F-3-24	1½"	15"	A & C = 6"- B = 3"	3"	24"
203F-2-24	1½"	15"	A & C = 6"- B = 3"	2"	24"
203F-15-24	1½"	15"	A & C = 6"- B = 3"	1½"	24"
203F-3-12	1½"	15"	A & C = 6"- B = 3"	3"	12"
203F-2-12	1½"	15"	A & C = 6"- B = 3"	2"	12"
203F-15-12	1½"	15"	A & C = 6"- B = 3"	1½"	12"

All duct sections 10' long, 14 gauge pre-galvanized steel.



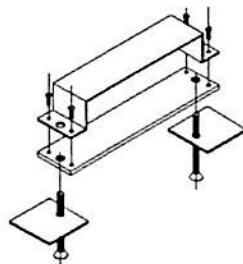
Junction Boxes

Cat. No.	Description
201-JB-3	Junction box for 201 Series Duct with 3" high inserts
201-JB-2	Junction box for 201 Series Duct with 2" high inserts
201-JB-15	Junction box for 201 Series Duct with 1½" high inserts
201W-JB-3	Junction box for 201W Series Duct with 3" high inserts
201W-JB-2	Junction box for 201W Series Duct with 2" high inserts
201W-JB-15	Junction box for 201W Series Duct with 1½" high inserts
202-JB-3	Junction box for 202 Series Duct with 3" high inserts
202-JB-2	Junction box for 202 Series Duct with 2" high inserts
202-JB-15	Junction box for 202 Series Duct with 1½" high inserts
203F-JB-3	Junction box for 203F Series Duct with 3" high inserts
203F-JB-2	Junction box for 203F Series Duct with 2" high inserts
203F-JB-15	Junction box for 203F Series Duct with 1½" high inserts



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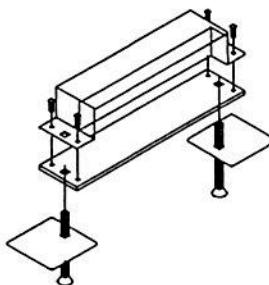
Flush Activation Underfloor Duct



Coupler/Support

Cat. No.	Description
201-DCS	Duct Coupler/Support for 201 Series Duct
201W-DCS	Duct Coupler/Support for 201W Series Duct
202-DCS	Duct Coupler/Support for 202 Series Duct
203-DCS	Duct Coupler/Support for 203F Series Duct

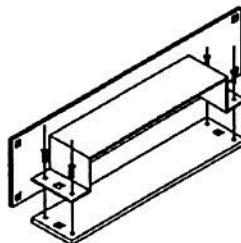
Provides means for coupling duct sections together and for supporting the duct system. It is recommended that a support/coupler be used every 5' of duct run.
Material: 14 gauge pre-galvanized steel



End Cap/Support

Cat. No.	Description
201-ECS	Duct End Cap/Support for 201 Series Duct
201W-ECS	Duct End Cap/Support for 201W Series Duct
202-ECS	Duct End Cap/Support for 202 Series Duct
203-ECS	Duct End Cap/Support for 203F Series Duct

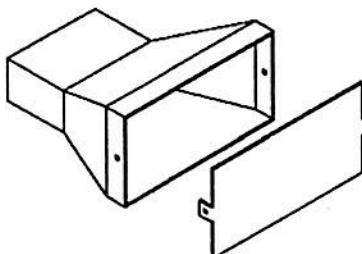
Provides means for supporting and closing off unused duct ends.
Material: 14 gauge pre-galvanized steel



Cabinet Connector

Cat. No.	Description
201-DCC	Duct Cabinet Connector for 201 Series Duct
201W-DCC	Duct Cabinet Connector for 201W Series Duct
202-DCC	Duct Cabinet Connector for 202 Series Duct
203-DCC	Duct Cabinet Connector for 203F Series Duct

Provides means for connecting duct to an electrical cabinet.
Material: 14 gauge pre-galvanized steel



Conduit Adapter

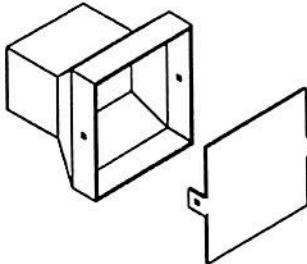
Cat. No.	Description
201-UCA	Universal Conduit Adapter for 201 Series Duct
201W-UCA	Universal Conduit Adapter for 201W Series Duct
202-UCA	Universal Conduit Adapter for 202 Series Duct
203F-UCA	Universal Conduit Adapter for 203F Series Duct

Provides means for attaching conduit to the underfloor duct system at the junction box. The conduit adapter is inserted into a main duct entrance. The blank cover can be field-punched for the required combination of conduits.
Material: 14 gauge pre-galvanized steel



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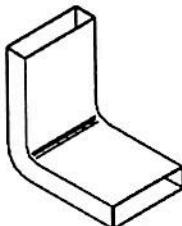
Flush Activation Underfloor Duct



Corner Conduit Adapter

Cat. No.	Description
JB-CCA-B	Corner Conduit Adapter with blank cover
JB-CCA-1/2	Corner Conduit Adapter with 1/2" KO
JB-CCA-3/4	Corner Conduit Adapter with 3/4" KO
JB-CCA-1	Corner Conduit Adapter with 1" KO
JB-CCA-1-1/2	Corner Conduit Adapter with 1-1/2" KO
JB-CCA-2	Corner Conduit Adapter with 2" KO

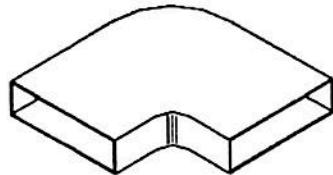
Provides means for attaching conduit to the underfloor duct system at the junction box. The corner conduit adapter is inserted into the corner conduit entrance of any size junction box.
Material: 14 gauge pre-galvanized steel



Vertical Elbow

Cat. No.	Description
201-VEL	Vertical Elbow for 201 Series Duct
201W-VEL	Vertical Elbow for 201W Series Duct
202-VEL	Vertical Elbow for 202 Series Duct
203F-VEL	Vertical Elbow for 203F Series Duct

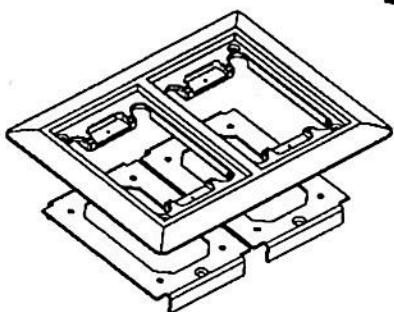
Material: 14 gauge pre-galvanized steel



Horizontal Elbow

Cat. No.	Description
201-HB90	Horizontal 90° Elbow for 201 Series Duct
201W-HB90	Horizontal 90° Elbow for 201W Series Duct
202-HB90	Horizontal 90° Elbow for 202 Series Duct
203F-HB90	Horizontal 90° Elbow for 203F Series Duct

Material: 14 gauge pre-galvanized steel



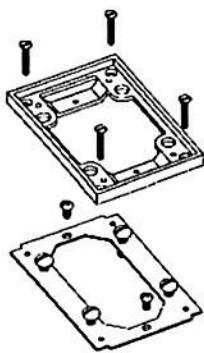
Carpet Activations

Cat. No.	Description	Color
FACA-1G-AL	1-Gang Carpet Activation	Aluminum
FACA-1G-B	1-Gang Carpet Activation	Brass
FACA-1G-BGE	1-Gang Carpet Activation	Nonmetallic - Beige
FACA-1G-BLK	1-Gang Carpet Activation	Nonmetallic - Black
FACA-1G-GRY	1-Gang Carpet Activation	Nonmetallic - Gray
FACA-2G-AL	2-Gang Carpet Activation	Aluminum
FACA-2G-B	2-Gang Carpet Activation	Brass
FACA-2G-BGE	2-Gang Carpet Activation	Nonmetallic - Beige
FACA-2G-BLK	2-Gang Carpet Activation	Nonmetallic - Black
FACA-2G-GRY	2-Gang Carpet Activation	Nonmetallic - Gray
FACA-3G-AL	3-Gang Carpet Activation	Aluminum
FACA-3G-B	3-Gang Carpet Activation	Brass
FACA-3G-BGE	3-Gang Carpet Activation	Nonmetallic - Beige
FACA-3G-BLK	3-Gang Carpet Activation	Nonmetallic - Black
FACA-3G-GRY	3-Gang Carpet Activation	Nonmetallic - Gray



Raceway Solutions™

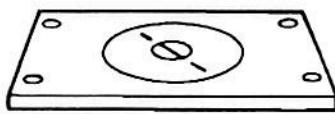
Flush Activation Underfloor Duct



Tile Activations

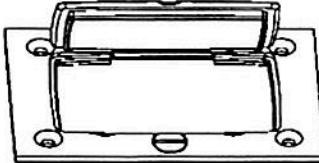
Cat. No.	Description	Color
FATA-AL	Tile Activation	Aluminum
FATA-B	Tile Activation	Brass
FATA-BGE	Tile Activation	Nonmetallic - Beige
FATA-BLK	Tile Activation	Nonmetallic - Black
FATA-GRY	Tile Activation	Nonmetallic - Gray

Note: One Tile Activation is required for each gang of the insert.
Provides means for height adjustment after the concrete pour to accommodate different tile thickness.



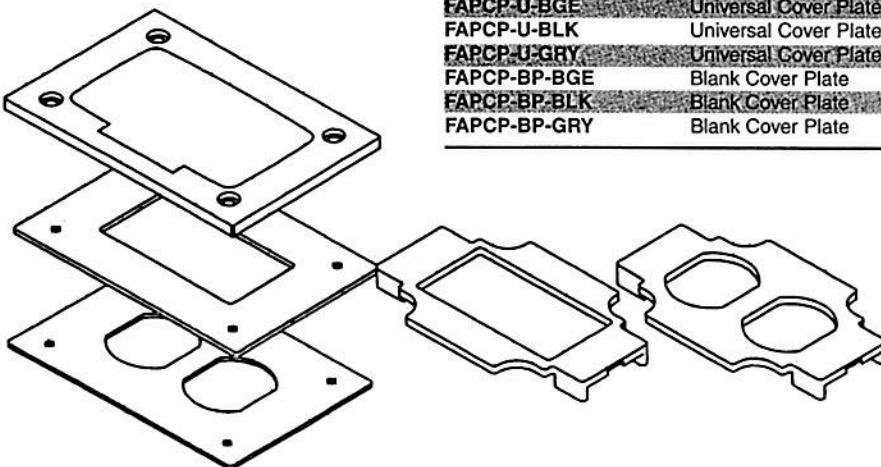
Metallic Covers

Cat. No.	Description	Color
FA-MCP-1/2-B	Cover Plate w/ 1/2" NPS Plug	Brass
FA-MCP-1/2-AL	Cover Plate w/ 1/2" NPS Plug	Aluminum
FA-MCP-3/4-B	Cover Plate w/ 3/4" NPS Plug	Brass
FA-MCP-3/4-AL	Cover Plate w/ 3/4" NPS Plug	Aluminum
FA-MCP-1-B	Cover Plate w/ 1" NPS Plug	Brass
FA-MCP-1-AL	Cover Plate w/ 1" NPS Plug	Aluminum
FA-MCP-1 1/4-B	Cover Plate w/ 1 1/4" NPS Plug	Brass
FA-MCP-1-1/4-AL	Cover Plate w/ 1 1/4" NPS Plug	Aluminum
FA-MCP-2-B	Cover Plate w/ 2" UN plug	Brass
FA-MCP-2-AL	Cover Plate w/ 2" UN plug	Aluminum
FA-MCP-1/2-2-B	Cover Plate w/ 2" UN & 1/2" NPS plugs	Brass
FA-MCP-1/2-2-AL	Cover Plate w/ 2" UN & 1/2" NPS plugs	Aluminum
FA-MCP-3/4-2-B	Cover Plate w/ 2" UN & 3/4" NPS plug	Brass
FA-MCP-3/4-2-AL	Cover Plate w/ 2" UN & 3/4" NPS plug	Aluminum
FA-MCP-2-5/8-B	Cover Plate w/ 2 5/8" UN plug	Brass
FA-MCP-2-5/8-AL	Cover Plate w/ 2 5/8" UN plug	Aluminum
FA-MCP-DP-B	Cover Plate w/ Two 1 7/16" Plugs for Duplex	Brass
FA-MCP-DP-AL	Cover Plate w/ Two 1 7/16" Plugs for Duplex	Aluminum
FA-MCP-FDP-B	Cover Plate w/ Two Flip Lids for Duplex	Brass
FA-MCP-FDP-AL	Cover Plate w/ Two Flip Lids for Duplex	Aluminum
FA-MCP-GFCI-B	Cover Plate w/ One Flip Lid for GFCI	Brass



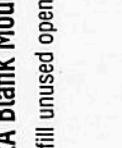
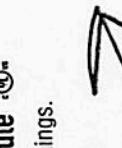
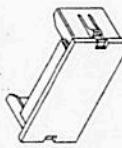
Nonmetallic Covers

Cat. No.	Description	Color
FAPCP-U-BGE	Universal Cover Plate for Duplex & GFCI	Beige
FAPCP-U-BLK	Universal Cover Plate for Duplex & GFCI	Black
FAPCP-U-GRY	Universal Cover Plate for Duplex & GFCI	Gray
FAPCP-BP-BGE	Blank Cover Plate	Beige
FAPCP-BP-BLK	Blank Cover Plate	Black
FAPCP-BP-GRY	Blank Cover Plate	Gray

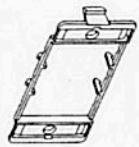


**CM SERIES
COMMUNICATION MODULES**

Blank Modules & End Plates

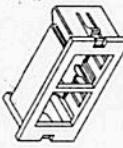


CM-EPLA / CM-EPLA-G / CM-EPLA-WH End Plate



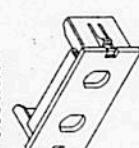
End plates with two outlet ID labels with clear covers and two matching screw covers. Required when mounting modules into 4050, 5450, 5550, and WSA07-4A device mounting brackets, and the V2444D-2A and 2344SD-2A 2-gang divided raceway box.

CM2-U2NOR* 2A Dual Flushmount NORDX Unloaded Module



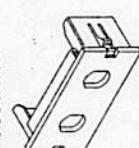
Accepts MDVOFlex jacks and fiber modules.

CM2-U2ST* 2A Dual Unloaded ST Adapter Module



Accepts two ST adapters.

CM2-U2SC* 2A Unloaded Duplex SC Adapter Module



Accepts one duplex SC adapter.

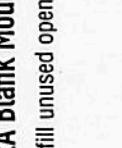
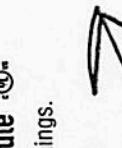
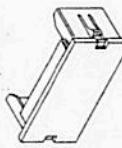
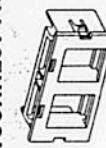
CM2-U2TJ 2A Dual Flushmount Unloaded Ortronics® TracJack Module



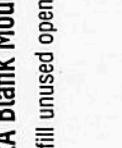
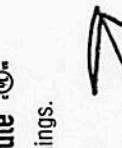
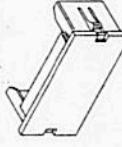
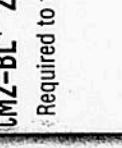
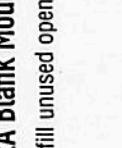
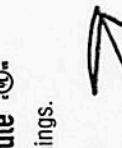
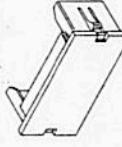
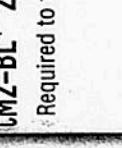
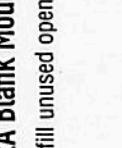
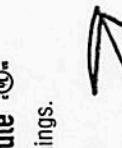
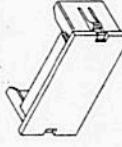
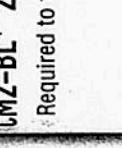
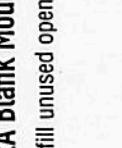
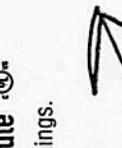
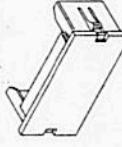
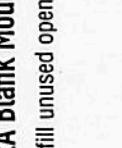
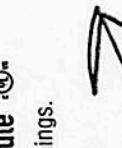
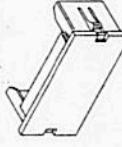
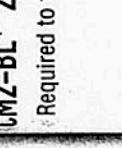
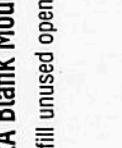
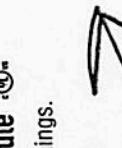
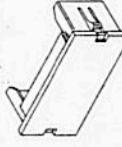
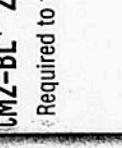
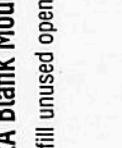
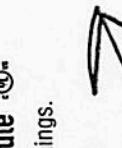
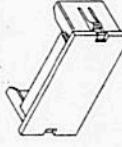
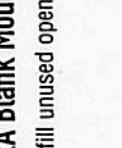
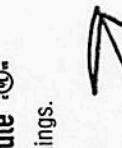
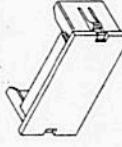
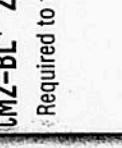
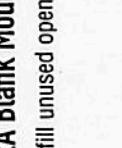
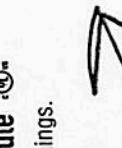
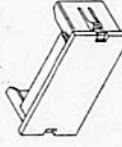
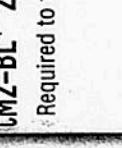
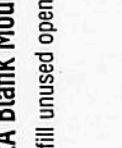
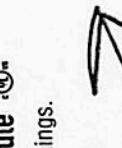
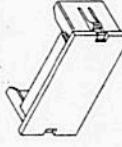
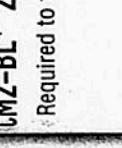
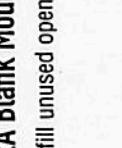
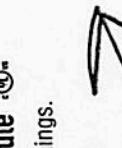
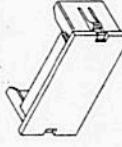
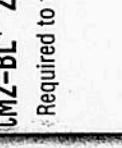
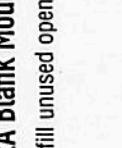
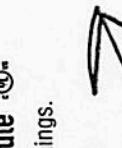
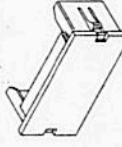
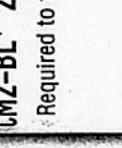
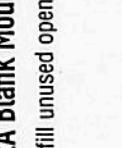
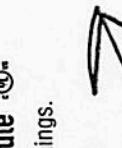
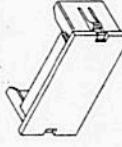
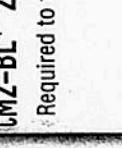
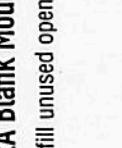
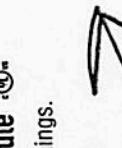
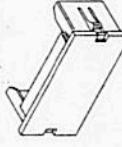
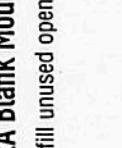
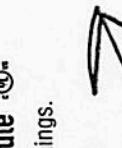
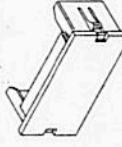
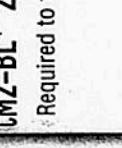
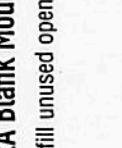
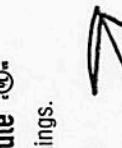
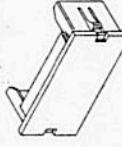
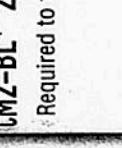
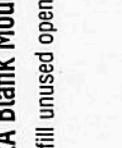
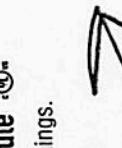
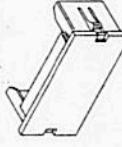
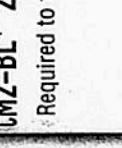
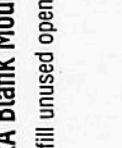
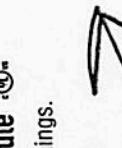
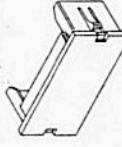
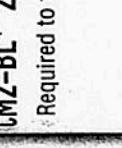
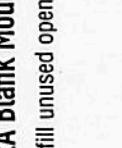
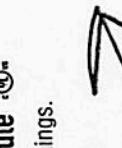
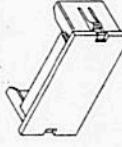
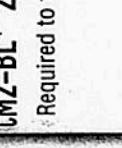
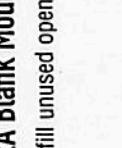
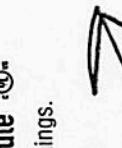
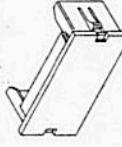
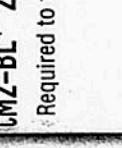
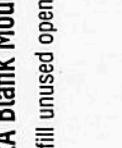
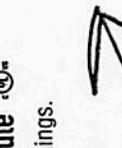
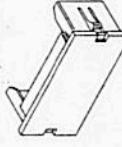
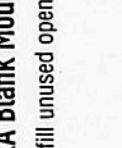
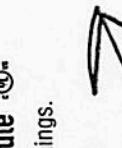
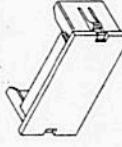
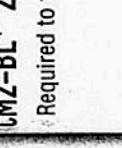
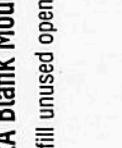
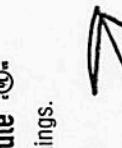
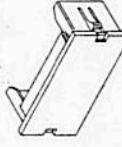
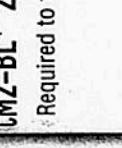
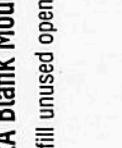
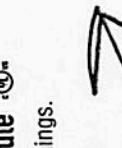
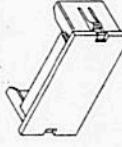
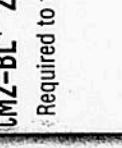
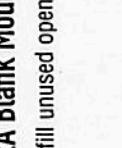
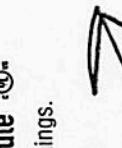
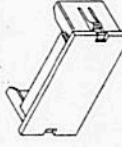
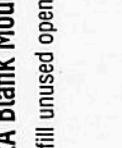
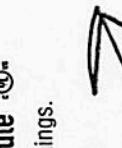
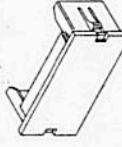
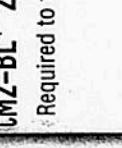
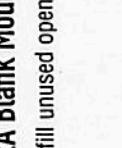
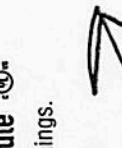
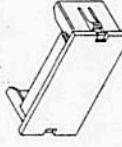
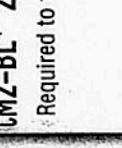
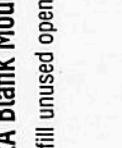
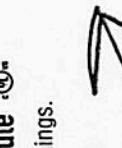
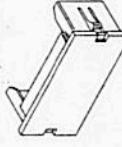
For mounting two TracJack devices.

CM2-U2AMP 2A Unloaded Single AMP NETCONNECT Module

For mounting two AMP NETCONNECT SL Series devices.



Required to fill unused openings.



CM SERIES COMMUNICATION MODULES

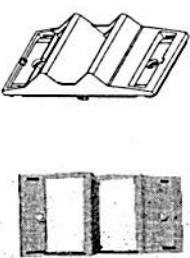
CM-MAB 6A MINI Adapter Bezel

6A opening. Must be purchased separately for mounting communication modules in Walker service fittings where it is indicated they are not included. (Available in ivory only.)



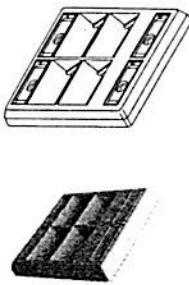
CM-ARA* Angled Raceway Adapter

For use with multi-channel raceway device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for audio/visual connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two CM2 Series modules or two 2A inserts.



CM-DAP* Double-Gang Angled Faceplate

For mounting two CM2 Series modules or Pass & Seymour Activate Series device modules.



CM-SAP* Single-Gang Angled Faceplate

For mounting four CM2 Series modules or Pass & Seymour Activate Series device modules.



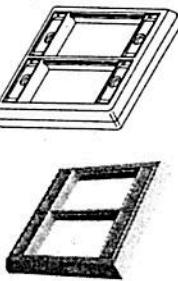
CM SERIES COMMUNICATION MODULES

WIREMOLD

Specialty Mounting Bezels & Adapters

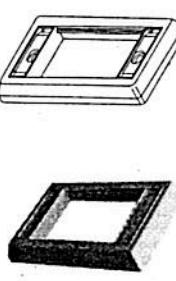
CM-DFP* Double-Gang Faceplate

For mounting six CM2 Series modules or Pass & Seymour Activate Series device modules.



CM-SFP* Single-Gang Faceplate

For mounting three CM2 Series modules or Pass & Seymour Activate Series device modules.



U1 CM SERIES COMMUNICATION MODULES

* Standard color is ivory; for other colors, add one of the following: "-WH" for white, "-G" for light gray (matches aluminum and nonmetallic products), "-BK" for black, "-G" for gray (matches Wiremold gray steel products).