Contents

CiFLABSOLUTIONS

Service Distribution

CiF Lab Solutions offers a variety of service distribution methods to accommodate ceiling, floor and wall requirements. All systems are designed to work in conjunction with CiF Lab Solutions workstations and C-Frame systems to create a complete laboratory system.

CiF Lab Solutions offers ceiling service panels that work in conjunction with flexible workstations utilizing vertical service distribution within their uprights. CiF Lab Solutions features the Wing® overhead service carrier used primarily with flexible workstations utilizing horizontal service distribution through service manifolds. In addition, CiF Lab Solutions offers the half Wing® system to accommodate perimeter applications

For any "Best-In-Class" service distribution solution, *let's talk.*

Wing®

Wing® Overhead Service Carrier

Features and Benefits

The Wing® is a starter and adder overhead service distribution system that is exible enough to work with your current or future service and communication needs and can be ordered to accommodate lighting, center snorkels and offset snorkels. Pre-plumbing, pre-wiring and exhaust options are available through CiF Lab Solutions. In addition, with longer lead times, custom uplighting can be ordered from CiF Lab Solutions.

The modular design of the Wing® allows for multiple units to join together with a single - or multiple - umbilical(s) feeding services throughout the units. The slim design of the Wing® makes it an ideal solution when ceiling height is limited. Ceiling suspension allows service connections along the entire system length. For services in the wall or ceiling fed perimeter needs, half Wing® wall-mounted versions are available.
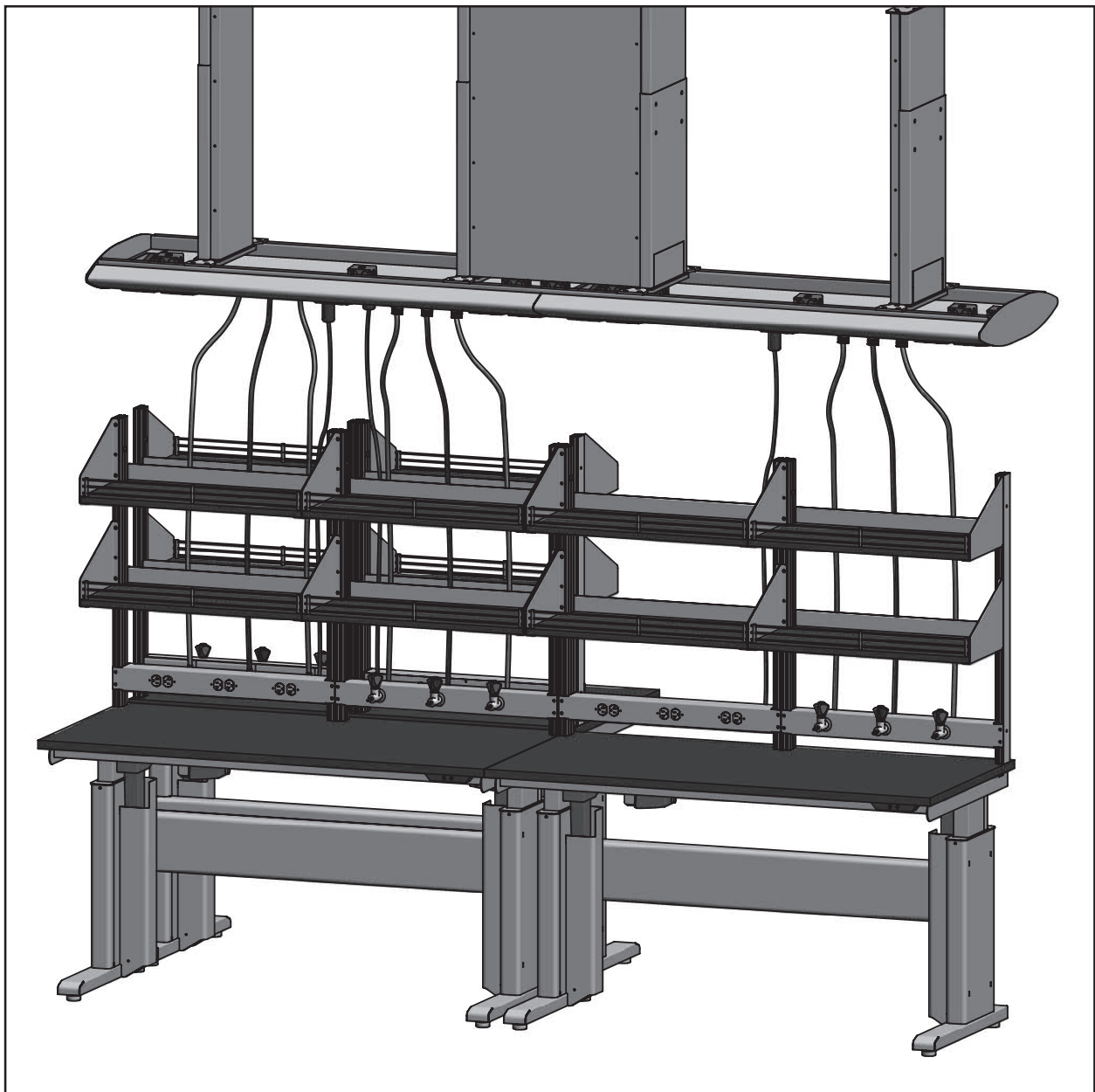
Wing® Starters

Product Description and Characteristics

The Wing® distribution system is a formed steel suspended overhead service carrier that is designed to carry services including water, vacuum, gasses, electrical, data and communications. Each section shall have pre-punched plumbing and electrical fixture openings. To achieve multiple section runs, you must move one end-cap from the starter section to the end of the adder section. Only one starter unit is needed per run. For suspension, incorporate umbilicals and end umbilicals for every service run. Refer to our laboratory specifications for details.

Finish

All steel frame components shall be finished using a baked-on powder-coat finish. Standard colors include black, grey, platinum, and light neutral.
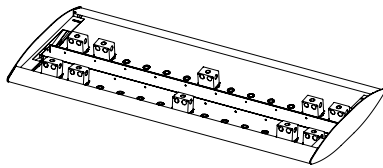
Pre-Plumbing and Pre-Wiring

Pre-plumbing and pre-wiring is available at the CiF Lab Solutions factory. All supply lines are systematically routed and securely clamped inside.

Fabrication

The Wing® is shipped in single (36-, 48-, 60-, and 72-inch) sections or in factory joined runs (final length may vary).

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.
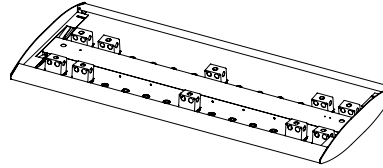
CAT. NO	OSWM0 + H + D + W
DESCRIPTION	Wing® Starter Unit • With blank center panel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72

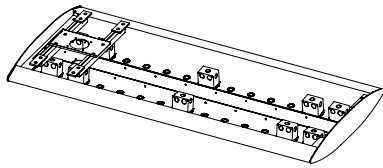| CAT. NO	OSWL0 + H + D + W
DESCRIPTION	Wing® Starter Unit • With center lighting panel • 72-inch requires (2) 3-foot lights
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72
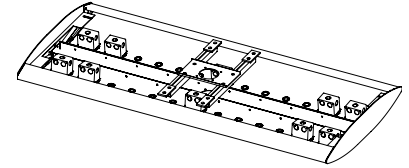
CAT. NO	OSWJ0 + H + D + W
DESCRIPTION	Wing® Starter Unit • With center snorkel • Includes plate and structure to mount snorkel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72

CAT. NO	OSWK0 + H + D + W
DESCRIPTION	Wing® Starter Unit • With offset snorkel • Includes plate and structure to mount snorkel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72

Wing® Adders

Product Description and Characteristics

The Wing® distribution system is a formed steel suspended overhead service carrier that is designed to carry services including water, vacuum, gasses, electrical, data and communications. Each section shall have pre-punched plumbing and electrical fixture openings. To achieve multiple section runs, you must move one end-cap from the starter section to the end of the adder section. Only one starter unit is needed per run. For suspension, incorporate umbilicals and end umbilicals for every service run. Refer to our laboratory specifications for details.

Finish

All steel frame components shall be finished using a baked-on powder-coat finish. Standard colors include black, grey, platinum, and light neutral.
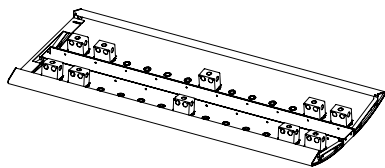
Pre-Plumbing and Pre-Wiring

Pre-plumbing and pre-wiring is available at the CiF Lab Solutions factory. All supply lines are systematically routed and securely clamped inside.

Fabrication

The Wing® is shipped in single (36-, 48-, 60-, and 72-inch) sections or in factory joined runs (final length may vary).

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.
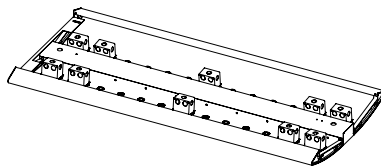
CAT. NO	OSWM1 + H + D + W
DESCRIPTION	**Wing® Adder Unit** • With blank center panel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72

CAT. NO	OSWL1 + H + D + W
DESCRIPTION	**Wing® Adder Unit** • With center lighting panel • 72-inch requires (2) 3-foot lights
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72
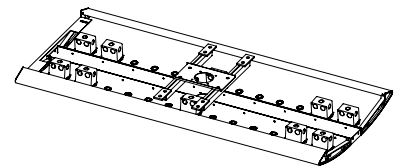
CAT. NO	OSWJ1 + H + D + W
DESCRIPTION	**Wing® Adder Unit** • With center snorkel • Includes plate and structure to mount snorkel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72
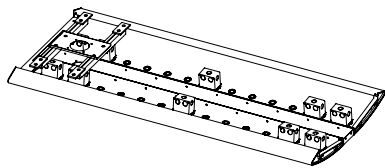
CAT. NO	OSWK1 + H + D + W
DESCRIPTION	**Wing® Adder Unit** • With offset snorkel • Includes plate and structure to mount snorkel
HEIGHT	05
DEPTH	28
WIDTH	36 | 48 | 60 | 72

Half-Wing® Starter and Adder

Product Description and Characteristics

The Half Wing® distribution system is a formed steel suspended overhead service carrier that is designed to carry services including water, vacuum, gasses, electrical, data and communications and is used when an application is against the wall. Each section shall have pre-punched plumbing and electrical fixture openings. To achieve multiple section runs, you must move one end-cap from the starter section to the end of the adder section. Only one starter unit is needed per run. For suspension, incorporate umbilicals and right and left end umbilicals for every service run. Refer to our laboratory specifications for details.

Finish

All steel frame components shall be finished using a baked-on powder-coat finish. Standard colors include black, grey, platinum, and light neutral.
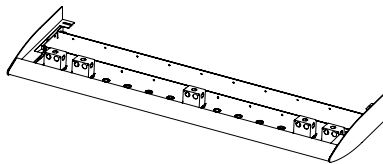
Pre-Plumbing and Pre-Wiring

Pre-plumbing and pre-wiring is available at the CiF Lab Solutions factory. All supply lines are systematically routed and securely clamped inside.

Fabrication

The Wing® is shipped in single (36-, 48-, 60-, and 72-inch) sections or in factory joined runs (final length may vary).

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.
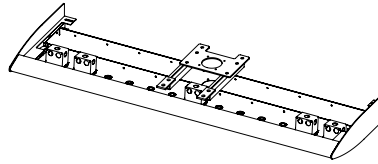

CAT. NO	OHWM0 + H + D + W	OHWJ0 + H + D + W	OHWK0 + H + D + W
DESCRIPTION	**Half Wing® Starter Unit** • With blank center panel	**Half Wing® Starter Unit** • With center snorkel • Includes plate and structure to mount snorkel	**Half Wing® Starter Unit** • With offset snorkel • Includes plate and structure to mount snorkel
HEIGHT	05	05	05
DEPTH	20	20	20
WIDTH	36 | 48 | 60 | 72	36 | 48 | 60 | 72	36 | 48 | 60 | 72
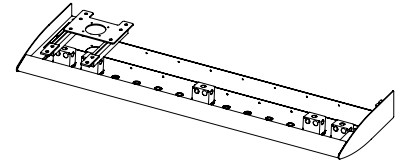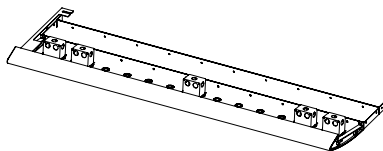
CAT. NO	OHWM1 + H + D + W	OHWJ1 + H + D + W	OHWK1 + H + D + W
DESCRIPTION	**Half Wing® Adder Unit** • With blank center panel	**Half Wing® Adder Unit** • With center snorkel • Includes plate and structure to mount snorkel	**Half Wing® Adder Unit** • With offset snorkel • Includes plate and structure to mount snorkel
HEIGHT	05	05	05
DEPTH	20	20	20
WIDTH	36 | 48 | 60 | 72	36 | 48 | 60 | 72	36 | 48 | 60 | 72
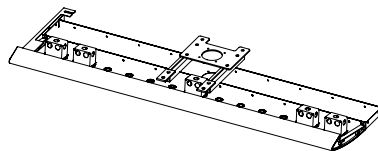
Wing® Supports

The accessories on this page are designed for exclusive use with the Wing® overhead service distribution systems. Use the charts below to determine how many Umbilical Supports and End Umbilicals are required for your overhead service carrier run.
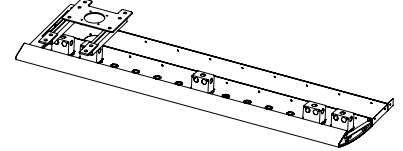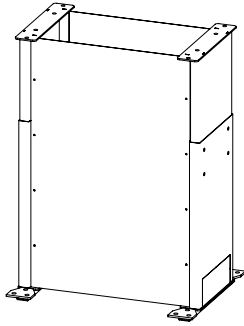
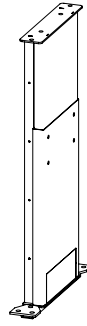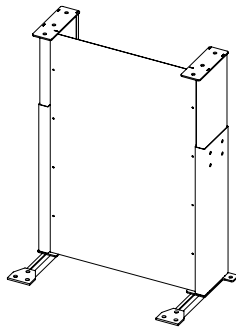| CAT. NO	OSCU0	OSEU0
DESCRIPTION	**Umbilical Support** • For suspension from the ceiling • Structure with removable metal chase enclosure panel • For input, use the maximum height (36/48/60)	**End Umbilical Support** • For suspension from the ceiling • Structure with removable metal chase enclosure panel • For input, use the maximum height (36/48/60)
HEIGHT	24-36 | 37-48 | 49-60	24-36 | 37-48 | 49-60
DEPTH	13 (Wing®)	13 (Wing®)
WIDTH	25	03

CAT. NO	OHWU0	OHWUL	OHWUR
DESCRIPTION	**Half Wing® Umbilical Support** • For suspension from the ceiling • For input, use the maximum height (36/48/60)	**Half Wing® Umbilical Support** • For suspension from the ceiling • For input, use the maximum height (36/48/60)	**Half Wing® Umbilical Support** • For suspension from the ceiling • For input, use the maximum height (36/48/60)
HEIGHT	24-36 | 37-48 | 49-60	24-36 | 37-48 | 49-60	24-36 | 37-48 | 49-60
DEPTH	08	08	08
WIDTH	25	03	03

Wing®		
Run Length of Wing®	Umbilicals Required	End Umbilicals Required
3- through 8-Foot Runs	1	0
9- through 16-Foot Runs	1	2
17- through 24-Foot Runs	2	2
25- through 30-Foot Runs	2	3

Half Wing®			
		Umbilicals Required	
Run Length of Half Wing®	Umbilicals Required	Left End	Right End
3- through 8-Foot Runs	1	0	0
9- through 16-Foot Runs	1	1	1
17- through 24-Foot Runs	2	1	1
25- through 30-Foot Runs	2	2	1

CiFLABSOLUTIONS

Wing® Struts

The accessories on this page are designed for exclusive use with the Wing® overhead service distribution systems.
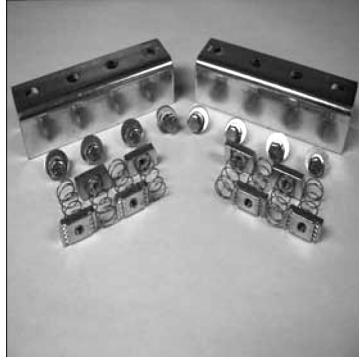
	OSFS1	OSFS2
CAT. NO		
DESCRIPTION	**Side Strut Splice Kit** • For suspension from the ceiling • The splice kit needs to be ordered for each instance the run is split for shipping	**Side Struts** • For suspension from the ceiling • The side struts need to be ordered by the length of the run (up to 20' in 1-foot increments)
HEIGHT	01	01
DEPTH	01	01
WIDTH	07	36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 132 | 144 | 156 | 168 | 180 | 192 | 204 216 | 228 | 240

Wing® Snorkels

The accessories on this page are designed for exclusive use with the Wing® overhead service distribution systems.

CAT. NO	SNK03	SNK04	SNKC1
DESCRIP-TION	**Snorkel for Wing·** • Snorkel has been congured for exclusive use with the Wing® and includes 3-inch mounting collar	**Snorkel for Wing·** • Snorkel has been congured for exclusive use with the Wing® and includes 4-inch mounting collar	**Snorkel Hole Cover** • For use with the Wing®
HEIGHT	04	04	01
DEPTH	04	04	04
WIDTH	37 | 41 | 55	37 | 41 | 55	04

Wing® Plumbing Hoses

CiF Lab Solutions offers a wide array of options to suit your plumbing hose requirements. To order the hose for your fixtures, you must "build your own" six character model number. White is the color used if a service is needed that is not listed below. Options not listed are considered custom.

Plumbing Hose Model # Template	
Plumbing Hoses ____+ Conguration __ + Color/Service ___+ Length _ = 6 Character Model Number	
Step 1	Automatically use the letters "P" and "H" to indicate you are ordering a plumbing hose Plumbing Hose – **PH**
Step 2	Select the type of configuration you need for your hose 3/8" FNPT and 3/8" FNPT - **0** 3/8" FNPT and male quick connect - **1** 3/8" FNPT and female quick connect - **2** Male quick connect and female quick connect - **3**
Step 3	Select the color and service Color is BLACK and service is HELIUM - **K1** Color is ORANGE and service is AIR - **K2** Color is GREEN and service is WATER - **K3** Color is YELLOW and service is VACUUM - **K4** Color is BLUE and service is NATURAL GAS - **K5** Color is WHITE and service is MISC - **K6** Color is PURPLE and service is ARGON - **K7** Color is BROWN and service is NITROGEN - **K8**
Step 4	Select the hose length 1-Foot hose - **A** 2-Foot hose - **B** 3-Foot hose - **C** 4-Foot hose - **D** 5-Foot hose - **E** 6-Foot hose - **F** 7-Foot hose - **G** 8-Foot hose - **H** 9-Foot hose - **I** 10-Foot hose - **J**

CiFLABSOLUTIONS

Wing® Plumbing Quick Connects

CiF Lab Solutions offers a wide array of options to suit your plumbing hose requirements. To order the plumbing quick connects, you must "build your own" five character model number. White is the color used if a service is needed that is not listed below. Options not listed are considered custom.

Plumbing Quick Connect Model # Template	
Plumbing Quick Connect ____+ Conguration __ + Color/Service ___ = 5 Character Model Number	
Step 1	Automatically use the letters "P" and "Q" to indicate you are ordering a plumbing quick connect
	Plumbing Quick Connect – **PQ**
Step 2	Select the type of product configuration you are using with the quick connect
	Wing/Ceiling Panel - **0**
Step 3	Select the color and service
	Color is BLACK and service is HELIUM - **K1** Color is ORANGE and service is AIR - **K2** Color is GREEN and service is WATER - **K3** Color is YELLOW and service is VACUUM - **K4** Color is BLUE and service is NATURAL GAS - **K5** Color is WHITE and service is MISC - **K6** Color is PURPLE and service is ARGON - **K7** Color is BROWN and service is NITROGEN - **K8**

Wing® Electrical Receptacles

CiF Lab Solutions offers a wide array of options to suit your electrical receptacle requirements. To order the electrical receptacles you must "build your own" seven character model number. Options not listed are considered custom.

Electrical Receptacle Model # Template		
Electrical Receptacle __+ Product Use __+ Conguration _ + Grade __+ Receptacle Cover __+ Cover Color ___= 7 Character Model Number		
Step 1	Automatically use the letters "E" and "R" to indicate you are ordering an electrical receptacle	
	Electrical Receptacle – **ER**	
Step 2	Select the type of product conguration you are using with the electrical receptacle	
	Wing/Ceiling Panel - **0**	
Step 3	Select the configuration	
	NEMA # 5-20, duplex receptacle - **A** NEMA # L5-20, single receptacle - **B** NEMA # 6-20, single receptacle - **C** NEMA # L6-20, single receptacle - **D** NEMA #5-20, isolated ground, duplex receptacle - **E** NEMA #6-20, isolated ground, single receptacle - **F** NEMA #5-20, GFI, duplex receptacle - **G**	
Step 4	Select the electrical receptacle grade	
	Industrial - **0** Commercial - **1** Hospital - **2**	
Step 5	Select the receptacle color	
	White - **A** Gray - **B** Ebony (Black) - **C** Ivory - **D** Almond - **E** Red - **F**	
Step 6	Select the cover color	
	White - **A** Gray - **B** Ebony (Black) - **C** Ivory - **D** Almond - **E** Red - **F** Stainless - **G** Use when receptacle is used in manifold - **X**	

NEMA #5-20R
duplex receptacle
125 VAC, 20 Amp

NEMA #L5-20R
single receptacle
Locking 125 VAC, 20 Amp

NEMA #6-20R
single receptacle
250 VAC, 20 Amp

NEMA #L6-20R
single receptacle
Locking 250 VAC, 20 Amp

NEMA #5-20R
isolated ground, duplex
receptacle
125 VAC, 20 Amp

NEMA #6-20R
isolated ground, single
receptacle
250 VAC, 20 Amp

NEMA #5-20R
GFI, duplex receptacle
125 VAC, 20 Amp

CiFLABSOLUTIONS

Wing® Plumbing Valves

CiF Lab Solutions offers a wide array of options to suit your plumbing valve requirements. To order the plumbing valves, you must "build your own" seven character model number.

Plumbing Valve Model # Template
Plumbing Valve __ + Conguration _ + Color/Service ___ + Product/Finish _ + Type _ = 7 Character Model Number

Step 1	Automatically use the letters "P" and "V" to indicate you are ordering an electrical receptacle
	Electrical Receptacle – **PV**
Step 2	Select the type of product conguration you are using with the plumbing valve
	Wing/Ceiling Panel - **0**
Step 3	Select the color and service
	Color is BLACK and service is HELIUM - **K1**
	Color is ORANGE and service is AIR - **K2**
	Color is GREEN and service is WATER - **K3**
	Color is YELLOW and service is VACUUM - **K4**
	Color is BLUE and service is NATURAL GAS - **K5**
	Color is WHITE and service is MISC - **K6**
	Color is PURPLE and service is ARGON - **K7**
	Color is BROWN and service is NITROGEN - **K8**
Step 4	Select the product/finish
	Standard/Chrome - **A**
	ColorTech/White - **B**
	ColorTech/Gray - **C**
	ColorTech/Tan - **D**
	ColorTech/Polished Chrome with clear epoxy - **E**
	ColorTech/Satin Nickel with clear epoxy - **F**
	ColorTech/Satin Chrome with epoxy - **G**
Step 5	Select the type of valve
	Ball valve - **0**
	Needle valve - **1**
	Fine Control Needle valve - **2**

Wing® Dust Covers

Product Description and Characteristics

The dust covers are formed metal and used to cover the top side of the Wing® overhead service distribution system. Dust covers are ordered based upon final run length.

Finish

All steel frame components shall be nished using a baked-on powder-coat nish. Standard colors include black, grey, platinum, and light neutral.

Fabrication

The dust covers are shipped knocked down.

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.

Dust Covers For Wing®
MODEL#: ODC0 + Total Run Length (03-30 in 1-Foot Increments)
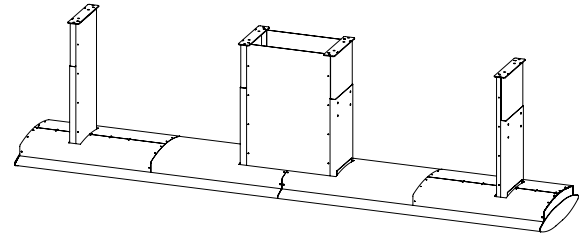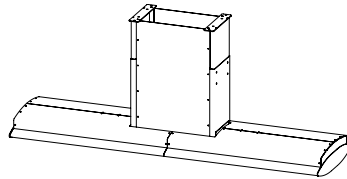
CAT. NO	ODC0 + W
DESCRIPTION	Dust Cover for Wing® with a Run Width Range of 03-08 feet
WIDTH	03 | 04 | 05 | 06 | 07 | 08

ODC0 + W	
Dust Cover for Wing® with a Run Width Range of 09-16 feet	
09 | 10 | 11 | 12 | 13 | 14 | 15 | 16	
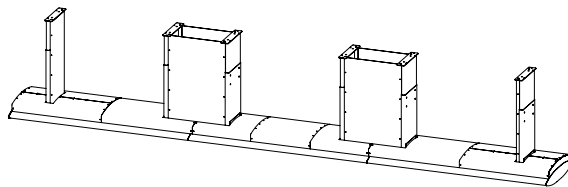
CAT. NO	ODC0 + W
DESCRIPTION	Dust Cover for Wing® with a Run Width Range of 17-24 feet
WIDTH	17 | 18 | 19 | 20 | 21 | 22 | 23 | 24

ODC0 + W	
Dust Cover for Wing® with a Run Width Range of 25-30 feet	
25 | 26 | 27 | 28 | 29 | 30	

Ceiling Service Panels
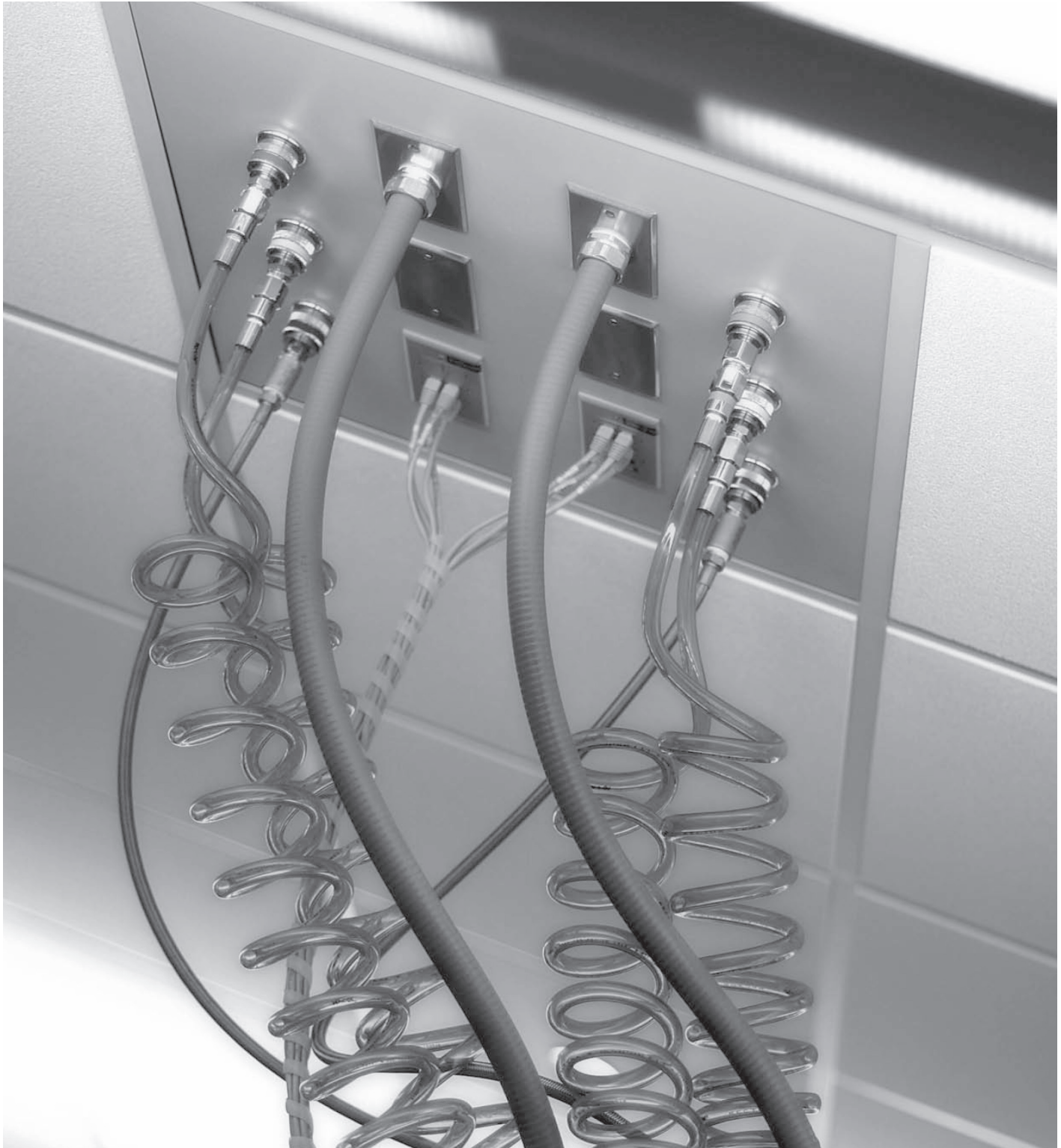
Ceiling Service Panels

Product Description and Characteristics

The CiF Lab Solutions Ceiling Service Panels are a more economical method of providing connection to gas services, electric and data from the ceiling to your flexible workstation solutions configured below. Ceiling Service Tiles are available in standard sizes of 2-foot x 2-foot and 2-foot x 4-foot tiles, with customized configurations available to meet your project's specific needs. This page features two standard 24x24-inch ceiling panels.

Finish

All steel Ceiling Service Tile components shall be finished using a baked-on powder-coat finish. Standard colors include black, grey, platinum, and light neutral.

Fabrication

If no gas fixtures are installed at the factory, the hole will have a knock-out present that is removed when a fixture is installed in the field. If no electrical boxes are installed at the factory, there will be a hole cut-out for the box to be installed in the field. If electrical boxes are installed at the factory, they will have a metal duplex box and blank cover installed for field wiring.

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.

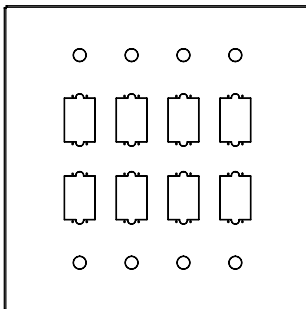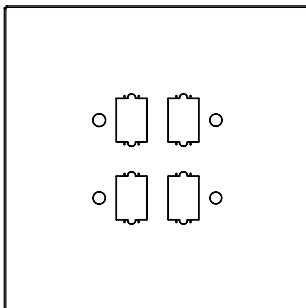**24 x 24-Inch** (Actual Dimensions are 23 5/8 x 23 5/8-inches, Structural Support Required)

Ceiling Service Panel CP242401A

Ceiling Service Panel CP242402A

	Ceiling Service Panel Model # Template	
	Ceiling Service Panel __ + Ceiling Service Panel Width __ + Ceiling Service Panel Length __ + Conguration __ + Build Type __	
	= 9 Character Model Number	
Step 1	Automatically use the letters "C" and "P" to indicate you are ordering a Ceiling Service Panel	
	Ceiling Panel – **CP**	
Step 2	Select the ceiling service panel width	
	12, 24	
Step 3	Select the ceiling service panel length	
	12, 24, 48	
Step 4	Select your configuration	
	(8) gas and (8) electrical per catalog drawing - **01** (4) gas and (4) electrical per catalog drawing - **02** (12) gas and (8) electrical per catalog drawing - **03** (4) gas and (8) electrical per catalog drawing - **04**	
Step 5	Select your build type	
	Plain panel with no gas xtures or electrical boxes installed - **A** Gas xtures installed at factory, no electrical boxes installed - **B** Electrical boxes installed at factory, no gas xtures installed - **C** Electrical boxes and gas xtures installed at factory - **D**	

Ceiling Service Panels

Product Description and Characteristics

The CiF Lab Solutions Ceiling Service Panels are a more economical method of providing connection to gas services, electric and data from the ceiling to your exible workstation solutions congured below. Ceiling Service Tiles are available in standard sizes of 2-foot x 2-foot and 2-foot x 4-foot tiles, with customized configurations available to meet your project's specic needs. This page features two standard 24x48-inch ceiling panels.

Finish

All steel Ceiling Service Tile components shall be finished using a baked-on powder-coat finish. Standard colors include black, grey, platinum, and light neutral.

Fabrication

If no gas fixtures are installed at the factory, the hold will have a knock-out present that is removed when a fixture is installed in the field. If no electrical boxes are installed at the factory, there will be a hole cut-out for the box to be installed in the field. If electrical boxes are installed at the factory, they will have a metal duplex box and blank cover installed for field wiring.

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.

24 x 48-Inch (Actual Dimensions are 23 5/8 x 47 5/8-inches, Structural Support Required)
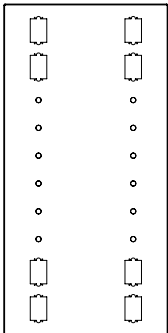
Ceiling Service Panel CP244803A
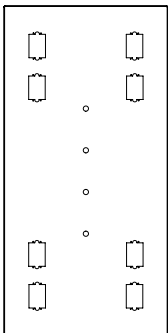
Ceiling Service Panel CP244804A

Ceiling Service Panel Model # Template	
Ceiling Service Panel __ + Ceiling Service Panel Width __ + Ceiling Service Panel Length __ + Conguration __ + Build Type __ = 9 Character Model Number	
Step 1	Automatically use the letters "C" and "P" to indicate you are ordering a Ceiling Service Panel
	Ceiling Panel – **CP**
Step 2	Select the ceiling service panel width
	12, 24
Step 3	Select the ceiling service panel length
	12, 24, 48
Step 4	Select your configuration
	(8) gas and (8) electrical per catalog drawing - **01** (4) gas and (4) electrical per catalog drawing - **02** (12) gas and (8) electrical per catalog drawing - **03** (4) gas and (8) electrical per catalog drawing - **04**
Step 5	Select your build type
	Plain panel with no gas xtures or electrical boxes installed - **A** Gas xtures installed at factory, no electrical boxes installed - **B** Electrical boxes installed at factory, no gas xtures installed - **C** Electrical boxes and gas xtures installed at factory - **D**

Ceiling Service Panels
Plumbing Hoses

CiF Lab Solutions offers a wide array of options to suit your plumbing hose requirements. To order the hose for your fixtures, you must "build your own" six character model number. White is the color used if a service is needed that is not listed below. Options not listed are considered custom.

Plumbing Hose Model # Template	
Plumbing Hoses ____+ Conguration _ + Color/Service ___+ Length _ = 6 Character Model Number	
Step 1	Automatically use the letters "P" and "H" to indicate you are ordering a plumbing hose
	Plumbing Hose – **PH**
Step 2	Select the type of configuration you need for your hose
	3/8" FNPT and 3/8" FNPT - **0** 3/8" FNPT and male quick connect - **1** 3/8" FNPT and female quick connect - **2** Male quick connect and female quick connect - **3**
Step 3	Select the color and service
	Color is BLACK and service is HELIUM - **K1** Color is ORANGE and service is AIR - **K2** Color is GREEN and service is WATER - **K3** Color is YELLOW and service is VACUUM - **K4** Color is BLUE and service is NATURAL GAS - **K5** Color is WHITE and service is MISC - **K6** Color is PURPLE and service is ARGON - **K7** Color is BROWN and service is NITROGEN - **K8**
Step 4	Select the hose length
	1-Foot hose - **A** 2-Foot hose - **B** 3-Foot hose - **C** 4-Foot hose - **D** 5-Foot hose - **E** 6-Foot hose - **F** 7-Foot hose - **G** 8-Foot hose - **H** 9-Foot hose - **I** 10-Foot hose - **J**

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Ceiling Service Panels
Plumbing Quick Connects

CiF Lab Solutions offers a wide array of options to suit your plumbing quick connect requirements. To order the plumbing quick connects, you must "build your own" five character model number. White is the color used if a service is needed that is not listed below. Options not listed are considered custom.

Plumbing Quick Connect Model # Template	
Plumbing Quick Connect ____+ Conguration _ + Color/Service ___ **= 5 Character Model Number**	
Step 1	Automatically use the letters "P" and "Q" to indicate you are ordering a plumbing quick connect
	Plumbing Quick Connect – **PQ**
Step 2	Select the type of product configuration you are using with the quick connect
	Wing/Ceiling Panel - **0**
Step 3	Select the color and service
	Color is BLACK and service is HELIUM - **K1** Color is ORANGE and service is AIR - **K2** Color is GREEN and service is WATER - **K3** Color is YELLOW and service is VACUUM - **K4** Color is BLUE and service is NATURAL GAS - **K5** Color is WHITE and service is MISC - **K6** Color is PURPLE and service is ARGON - **K7** Color is BROWN and service is NITROGEN - **K8**

Ceiling Service Panels
Electrical Receptacles

CiF Lab Solutions offers a wide array of options to suit your electrical receptacle requirements. To order the electrical receptacles you must "build your own" seven character model number. Options not listed are considered custom.

Electrical Receptacle Model # Template
Electrical Receptacle __+ Product Use __+ Conguration _ + Grade __+ Receptacle Cover __+ Cover Color ___= 7 Character Model Number

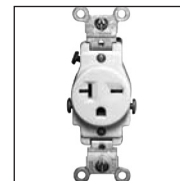|	
Step 1	Automatically use the letters "E" and "R" to indicate you are ordering an electrical receptacle
	Electrical Receptacle – **ER**
Step 2	Select the type of product conguration you are using with the electrical receptacle
	Wing/Ceiling Panel - **0**
Step 3	Select the configuration
	NEMA # 5-20, duplex receptacle - **A** NEMA # L5-20, single receptacle - **B** NEMA # 6-20, single receptacle - **C** NEMA # L6-20, single receptacle - **D** NEMA #5-20, isolated ground, duplex receptacle - **E** NEMA #6-20, isolated ground, single receptacle - **F** NEMA #5-20, GFI, duplex receptacle - **G**
Step 4	Select the electrical receptacle grade
	Industrial - **0** Commercial - **1** Hospital - **2**
Step 5	Select the receptacle color
	White - **A** Gray - **B** Ebony (Black) - **C** Ivory - **D** Almond - **E** Red - **F**
Step 6	Select the cover color
	White - **A** Gray - **B** Ebony (Black) - **C** Ivory - **D** Almond - **E** Red - **F** Stainless - **G** Use when receptacle is used in manifold - **X**

NEMA #5-20R
duplex receptacle
125 VAC, 20 Amp

NEMA #L5-20R
single receptacle
Locking 125 VAC, 20 Amp

NEMA #6-20R
single receptacle
250 VAC, 20 Amp

NEMA #L6-20R
single receptacle
Locking 250 VAC, 20 Amp

NEMA #5-20R
isolated ground, duplex
receptacle
125 VAC, 20 Amp

NEMA #6-20R
isolated ground, single
receptacle
250 VAC, 20 Amp

NEMA #5-20R
GFI, duplex receptacle
125 VAC, 20 Amp

Ceiling Service Panels Plumbing Valves

CiF Lab Solutions offers a wide array of options to suit your plumbing valve requirements. To order the plumbing valves, you must "build your own" seven character model number.

Plumbing Valve Model # Template
Plumbing Valve __+ Conguration _ + Color/Service ___+ Product/Finish _ + Type _ = 7 Character Model Number

Step 1	Automatically use the letters "P" and "V" to indicate you are ordering an electrical receptacle
	Electrical Receptacle – **PV**
Step 2	Select the type of product conguration you are using with the plumbing valve
	Wing/Ceiling Panel - **0**
Step 3	Select the color and service
	Color is BLACK and service is HELIUM - **K1** Color is ORANGE and service is AIR - **K2** Color is GREEN and service is WATER - **K3** Color is YELLOW and service is VACUUM - **K4** Color is BLUE and service is NATURAL GAS - **K5** Color is WHITE and service is MISC - **K6** Color is PURPLE and service is ARGON - **K7** Color is BROWN and service is NITROGEN - **K8**
Step 4	Select the product/finish
	Standard/Chrome - **A** ColorTech/White - **B** ColorTech/Gray - **C** ColorTech/Tan - **D** ColorTech/Polished Chrome with clear epoxy - **E** ColorTech/Satin Nickel with clear epoxy - **F** ColorTech/Satin Chrome with epoxy - **G**
Step 5	Select the type of valve
	Ball valve - **0** Needle valve - **1** Fine Control Needle valve - **2**

Service Chase

Service Chase

Features and Benefits

The CiF Lab Solutions Service Chase is available with customized configurations to meet the project's specific needs. Project specifications should include where the Service Chase is to be mounted; foor-to-ceiling, casework-to-ceiling and service core-to-ceiling. The mounting location selected will determine the hardware needed for installation. Then, you must specify the size of the Service Chase (HxDxW), any pre-cutting for electrical, fixtures and access panels with your material selection (wood, laminate or metal and appropriate color combinations).

Fabrication

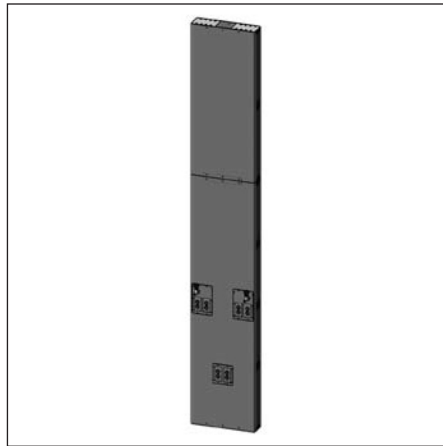The Service Chase is shipped knocked down on pallets.

Finish

All steel Service Chase components shall be nished using a baked-on powder-coat nish. Standard colors include black, grey, platinum, and light neutral.

Warranty

All standard products manufactured by CiF Lab Solutions carry a two (2) year guarantee and Limited Warranty from the date of substantial completion to the original owner against defective material and workmanship. Refer to our full warranty for further details.
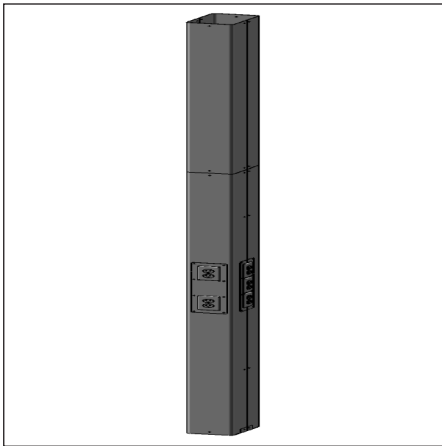
Example A: 6x9 Service Chase

Example B: 6x24 Service Chase