

Product Data Sheet





Upfit expands the use of the outdoors by transforming new and existing space into purposeful place designed for a variety of activities. It's an adaptive structure system with modern styling, endless flexibility, and many options to create intentional outdoor environments. And in the new era of social distancing and moving work, study and other activities outdoors, Upfit's benefits have become even more acute. It provides shelter from the elements, power, light, technology, storage, seating and surfaces—all of the things people need to live, learn, work, care, play, and travel outdoors.

Standard Upfit Structure

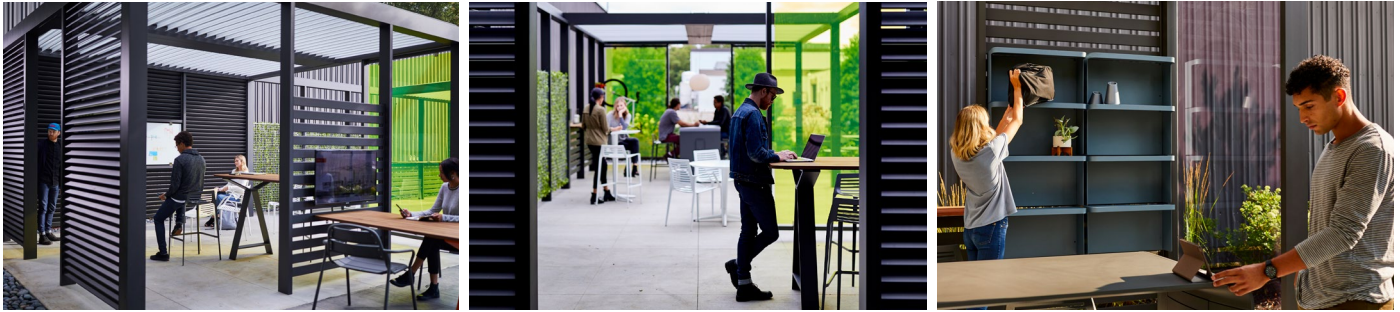
- Basic unit – 16' w X 16' d X 10' h.
- Structure is available with or without lighting.
- Scalable for any space.
- Upfit Structure contains post, beams, gutters, panel dividers, louvered extrusions, pivot parts, and hardware.
- Upfit offers either an automated louver roof or a solid roof with the standard 16'x16' unit.
- Structure support components are made of powdercoated extruded aluminum.
- Upfit operation (with louvered roof) includes Somfy® motors, controllers, wall switch, and weather sensors.
- Units have optional lighting fixtures, electrical capabilities, several different panel options (slatted, louvered, vertical louvered, glass, green, and screen), and accessories (shelf, bench, bike rack, tables and power).
- Electrical wiring can be run anywhere in the structure through the posts and beams, powering lights, accessories, and providing power access.

Note: electrical to be run by third party provided by customer.

Louvered Roof	Style	Depth	Width	Height	Weight
	Basic Unit	192"	192"	120"	1,062 lbs
	Basic Unit with Panel Posts	192"	192"	120"	1,249 lbs

Solid Roof	Style	Depth	Width	Height	Weight
Coming Soon	Basic Unit	192"	192"	120"	Coming Soon

Product Data Sheet



Solid Roof

- Solid roof is composed of interlocking metal extrusions that mount to the gutter, providing water management.

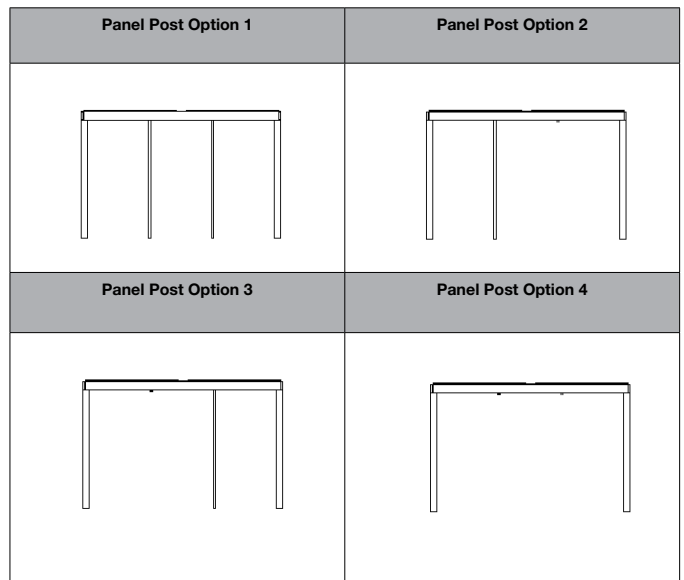
Note: Gutter up-lighting are not available with solid roof

Louvered Roof

- Louvered roof comes in two sections of 8' x 16' powdercoated extruded aluminum louvers.
- Louvers pivot 170 degrees to completely open and close.
- Structure must have electrical power to operate louvers.
- Louvers are powered by a 24v motor.

Weather Management

- Louvered roof comes standard with weather sensors.
- Rain and wind sensors detect precipitation and close louvers, or detect excessive wind speed and open.
- Louver control options include 3 types of motorized operations: switch, remote control using RF technology, and smart device app using iLouver technology. The motorized controls are UL and CE certified.
- Louvered roof has three weather management benefits:
 1. Wind: Louvers are sensor-enabled to open during high winds to prevent damage and uplift.
 2. Rain: Louvers are sensor-enabled to close during rainfall - or with the press of a button. The louvers are designed to be water-tight when closed to prevent any water leakage. Closed roof louvers direct rainwater to a gutter system designed within the louvers and drains the water through the structure post to the base of unit or into a prepared drain site.
 3. Shade: Louvers can close to provide shade through any of the motorized operations.





Control Specs

- **Motor 24v**
 - Stroke Length: 140
 - Voltage: 24V
 - Speed: Full Load 2, 8 – 4 mm/sec (0.11 in/s)
- **No Load 4mm/sec (0.16 in/s)**
 - Torque: 2500N
 - IP 66
 - Black Cable of 1,5m
 - Operating T°: 14°F to 140°F (-10°C / +60°C)
- **Control Box 24V**
 - Voltage: 24V
 - IP: 65
 - Radio Technology Somfy® embedded
 - Temperature sensor embedded
 - Compatible with range of RTS controls, sensors
 - Default limits management: Fully automatic
 - Operating T°: 14°F to 140°F (-10°C / +60°C)
- **Rain/Freeze/Snow Sensor**
 - Power input: Solar powered
 - Radio frequency: 433.42 Mhz
 - Range: up to 65 feet
 - Protection rating: IP 55
 - Operating T°: 14°F to 140°F (-10°C / +60°C)
- **Wind Sensor**
 - Input: 24V AC/DC transformer
 - Power: 24V DC 20mA
 - Power consumption: 25 mA
 - Radio frequency: 433.42 Mhz
 - Range: up to 65 feet
 - Protection Rating: IP 35
 - Operating T°: -4°F to 122°F (-20°C / +50°C)

Electrical Packages

1. Standard electrical

- Unit comes standard with electrical operation and Somfy® (motor, controller and power supply) for operating louvered roof
- Package components include: Upfit unit + motor + controller + wall switch + weather sensors

2. Standard electrical + lighting

- Unit comes standard with electrical operation and Somfy® (motor, controller and power supply) for operating louvered roof, along with gutter-up-lighting
- Package components include: Upfit unit + motor + controller + wall switch + weather sensors + gutter-up-lights

3. Standard electrical + third party accessories

- Unit comes standard with electrical operation, Somfy® (motor, controller and power supply) for operating louvered roof, and with third party lighting accessories (provided and installed by end-client)
 - Package components include: Upfit unit + motor + controller + wall switch + weather sensors + third party lighting accessories
- Note: All Upfit units can run electrical through posts and beam. Please note, any electrical work outside of the standard electrical packages is to be done by a customer appointed third party.

Lighting

- Upfit is available either with or without lighting.
- To accommodate lighting, an Upfit with standard electrical + lighting must be specified.
- Every Upfit with lighting includes an LED Wall Controller.
- This control allows you to select color and/or brightness for your lighting accessories.
- Input voltage: 12VDC or 24VDC
- This control is warranted for 1 year.
- Upfit lighting: gutter up-light (available with louvered roof)
 - Accent lighting is positioned around the interior perimeter and directed up toward the roof louvers.
- Lights are 5.5 watts per ft. (450 lumens per ft.) and available in 24vDC input.
- Gutter up lights are warranted for 1 year.
- Certifications: UL Listed, cUL Listed, RoHS
- IP rating: IP65

Product Data Sheet



Panels

There are several panel types available: slatted, louvered, glass, green vertical louvered, sliding, and screen panel.

• Slatted panels:

- Panel frame and slats are powdercoated aluminum extrusions.
- Available in heights of 36", 72", or 108".
- Panels are 58.6" wide
- Panels are attached to structure and / or panel posts.

• Louvered panels:




- Horizontal louvered slats are angled at 45° horizontally and panel frame and slats are powdercoated aluminum extrusions.
- Available in heights of 36", 72", or 108".
- Panels are 58.6" wide
- Panels are attached to structure and / or panel posts.




• Glass panels:


- Glass is laminated tempered glass, available in a variety of colors (white - opaque, red, green, yellow, blue, and dark blue).
- Glass panels can also function as a markerboard (white being ideal).
- Available in heights of 36", 72", or 108".
- Panels are 58.6" wide
- Panels are attached to structure and / or panel posts.




• Green panels:

- Green panels are powdercoated silver steel welded wire.
- Customer to provide greenery, greenery installation, and greenery care and maintenance.
- Available in heights of 36", 72", or 108".
- Panels are 58.6" wide
- Panels are attached to structure and / or panel posts.

Slatted Panel	Style	Depth	Width	Height	Weight
	36"	1.5"	58.6"	36"	33 lbs.
	72"	1.5"	58.6"	72"	66 lbs.
	108"	1.5"	58.6"	108"	99 lbs.

Louvered Panel	Style	Depth	Width	Height	Weight
	36"	3.5"	58.6"	36"	57 lbs.
	72"	3.5"	58.6"	72"	115 lbs.
	108"	3.5"	58.6"	108"	170 lbs.

Green Panel	Style	Depth	Width	Height	Weight
	36"	3"	58.6"	36"	8 lbs.
	72"	3"	58.6"	72"	16 lbs.
	108"	3"	58.6"	108"	24 lbs.

Glass Panel	Style	Depth	Width	Height	Weight
	36"	2"	58.6"	36"	39 lbs.
	72"	2"	58.6"	72"	77 lbs.
	108"	2"	58.6"	108"	116 lbs.

Product Data Sheet




Panels (cont.)



• Vertical louvered panel:

- Vertical louvered panels are angled at 45° vertically and panel frame and slats are powdercoated aluminum extrusions.
- Vertical louvered panels are only available in a 108" height.
- Panels are 58.6" wide
- Panels are attached to structure and / or panel posts.

• Sliding panels:

- Sliding panel frame and slats are powdercoated aluminum extrusions.
- Sliding panels are available slatted, louvered, or vertical louvered.
- Panels are 58.6" wide
- Panels are only available in a 108" height.

Vertical Louvered Panel	Style	Depth	Width	Height	Weight
	Vertical Louvered Panel	3.5"	58.5"	108"	164 lbs.

Sliding Panels	Style	Depth	Width	Height	Weight
	Sliding Slatted Panel	1.5"	60.75"	110"	194 lbs.
	Sliding Louvered Panel	3.5"	60.75"	110"	265 lbs.
	Sliding Vertical Louvered Panel	3.5"	60.75"	110"	259 lbs.

Product Data Sheet



Accessories

Accessories for Upfit include floating shelves, in-line benches, peninsula tables, an in-line table, bike rack, and power garage.

• Floating Shelf:










- Floating shelves provide additional storage for Upfit applications.
- The shelves composed of aluminum sheet metal, formed, then welded.
- Available in all of Landscape Forms powdercoat colors.
- Shelves are mounted to slatted panel and give the appearance of a floating shelf.

• In-line Bench:

- In-line bench is available in either a straight or corner style.
- Bench supports are available in all of Landscape Forms powdercoat colors.
- Wood seating surfaces are available in jarrah, ipe and domestically sourced thermally modified ash (DSTMA).
- In-line benches are mounted to the louvered or slatted walls.

• Peninsula table:

- Available in standing height and dining height
- Dining height table is ADA compliant
- Table frame is mounted to the structure posts by the table attachment bar. The opposite end of the table is supported by a free standing leg with glides.
- Aluminum legs are available in all of Landscape Forms powdercoat colors.
- Aluminum table tops available in all of Landscape Forms powdercoat colors.
- Wood table tops are available in jarrah, ipe and domestically sourced thermally modified ash (DSTMA).
- Table frame is mounted to the structure and / or panel posts.

Accessories	Style	Depth	Width	Height	Weight
	Floating Shelf	11.25"	28"	15"	13 lbs.
	In-line Bench, Straight	19.75"	58.25"	18.5"	43 lbs.
	In-line Bench, Corner	60.5"	60.75"	18.5"	74 lbs.
	Peninsula Standing Table	72"	34"	41"	Wood: 124 lbs. Metal: 118 lbs.
	Peninsula Dining Table	72"	34"	30"	Wood: 117 lbs. Metal: 113 lbs.
	In-line Table, Straight	58.6"	19.25"	72" or 42"	Wood: 40 lbs. Metal: 38 lbs.
	In-line Table, Corner	71"	71.5"	3.75"	64 lbs
	Bike Rack	6"	3"	57"	13 lbs.
	Power Garage	6.75"	6"	8"	4 lbs.

Product Data Sheet



Accessories (cont.)

• In-line Table:

- In-line tables are available in either a straight or corner style.
- Standing height
- Extruded aluminum table tops are available in all of Landscape Forms powdercoat colors.
- Wood table tops are available in jarrah, ipe and domestically sourced thermally modified ash (DSTMA).
- In-line tables can be mounted above the 36" or 72" louvered or slatted walls and are mounted to the structure and / or wall posts.

• Bike Rack:

- Available in all of Landscape Forms standard powdercoat colors.
- Tamper resistant design.
- Bike rack is mounted only to slatted panels of the structure.

• Power Garage:

- Power garages host charging ports on the structure posts.
- Available with hardwired GFCI outlets.
- Power garage is powdercoated

Finish

- Structure (posts, beams, and connectors), louvered and solid roof extrusions, panels, and power garage are available in Dusk, Obsidian, Onyx, Nutmeg, Matte Black, Mercury, and White.
- The shelves, cubbies, benches, tables and bike rack are available in all of Landscape Forms standard powdercoat colors.
- Table tops and benches are also available in wood - Jarrah, Ipe, and Domestically Sourced Thermally Modified Ash (DSTMA).
- Screen panels are available in four standard colors - charcoal, charcoal grey, and charcoal cocoa.



Specification Process

- Client downloads design package on product page.
- Client designs Upfit with downloaded drawing package.
- Client contacts Landscape Forms Representative and/or Customer Service with drawing and/or request.
- Specify Upfit and select roof (louvered or solid)
 - Select powdercoat color for structure (7 selected colors).
 - Select powdercoat color for roof/roof louvers (7 selected colors).
 - Specify with or without lighting.
 - If lighting is selected then unit comes standard with the controller + power supply + gutter up lights.
- Specify optional panel configurations (glass, green, louver, vertical louver, screen, slatted and/or sliding panels).
 - If glass is specified, select color (blue, dark blue, green, red, yellow, white - opaque) and size (36", 72", 108").
 - If green is specified, select size (36", 72", 108"). Welded wire screens comes standard silver.
 - If louver or slatted is specified, select powdercoat color (7 selected colors) and size (36", 72", 108").
 - If vertical louver is specified, select powdercoat color (7 selected colors). Vertical louver panel only available in 108" size.
 - If a screen panel is specified, select standard screen (charcoal, charcoal grey, and charcoal cocoa), frame powdercoat color (7 selected colors), and openness factor (10%, 5%, or 1%). Screen comes standard 180" height.
 - If sliding panel is specified, select style (slatted, louvered, or vertical louvered), and choose powdercoat color. Screen comes standard in a 120" height.
- Specify optional accessories (floating shelves, in-line benches, in-line tables, peninsula tables, bike rack, and power garage).
 - If floating shelves are specified, select powdercoat color and quantity. Floating shelves can only be mounted to slatted panels.
 - If an in-line bench is specified, select style (straight or corner), choose either a straight or corner bench. Select wood type and powdercoat color for supports. In-line benches are mounted to louvered or slatted walls.
 - If an in-line table is specified, specified, select style (straight or corner), choose either a powdercoated or wood tabletop. If aluminum is selected, choose powdercoat color of the table top. If wood is selected, choose wood type. In-line tables can be mounted above the 36" or 72" louvered or slatted walls and are mounted to the structure and / or panel posts.
 - If a peninsula table is specified, select dining or standing height, table top wood type or powdercoated aluminium finish, and powdercoat color for support.

Designed by KEM STUDIO in Partnership with StuXure Outdoor

U.S. Patent Number Pending.

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