

Visuline® 2300 Series

3.3.100
12/20

General Information

Visuline 2300 Series is a non-illuminated Directory and Display System designed for both interior and exterior applications.

Visuline incorporates a heavy extruded aluminum housing and door, with 1/4" clear tempered safety glass, behind which one may display Changeable Messages Strips, Maps and Floor Plans, Magnetic Bulletin Boards, Fabric Boards or any combination.

Features

- Weatherized for Exterior use
- Four (4) Aluminum Door Shapes
- Concealed, Stainless Steel Hinge
- Clear Tempered Safety Glass (1/4")
- Gas Cylinder "Assists" for Large Doors

Finishes

- Black, Bronze or Natural Satin Anodized
- Acrylic Polyurethane (Any Color)
- AccentTrack Door Profile with Trim Finish Provided by APCO or Customer

Directory Display

- Four Message Strip Styles:
 - SB - Aluminum SignBand
 - MS - Molded Plastic "IM" Strip
 - SBP - Accord 15 Express - Plastic SignBand
 - SB-IS - Aluminum SignBand with Paper Insert Slot
- Updatable with Prepaid Reorder System
- User Updatable (with Paper Inserts)

Other Display Options

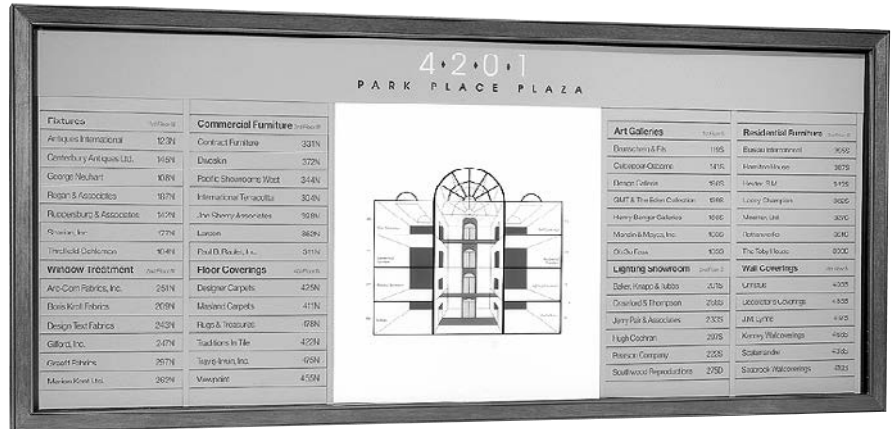
- Custom Maps/Plans
- Magnetic Display Board (Any Color)
- Plastic Impregnated Cork in Seven Colors
- Fabric Board (2 Standard Colors)

Two (2) Lock Options

- Standard, Concealed Dual Lock
- Conventional Keyed Lock

Services

- Direct Factory Support
- Engineering
- Custom Shop/Detail Drawings
- CSI (Construction Specification Institute) Specifications Available
- 5 Year Limited Warranty.



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Visuline displays are designed to operate in interior and exterior applications. Five standard mounting configurations are available.

Semi-Recessed displays expose the door frame, allowing it to protrude 1-1/2" from the wall surface. A decorative reveal is provided to offset the dimensional variance between the display's housing and the wall cavity.

Fully Recessed displays mount flush with the wall surface. As a standard, a 1" wide Continuous Angle Trim is secured to the reveal and is used to capture the unfinished edges of a cavity's rough opening. When the cavity has finished edges and returns, the Continuous Angle can be eliminated. If the edges are finished, but the returns are not (i.e. openings in granite wall panels), a 1/8" wide Flat Bar Trim is available. In all fully recessed applications, a 1" wide reveal is attached to the housing which provides necessary clearance for proper door operation.

Surface Mount displays are attached directly to the wall surface. Each surface mounted Visuline complies with ADA (Americans With Disabilities Act) requirements, limiting all protruding objects to 4" maximum from face of finished wall.

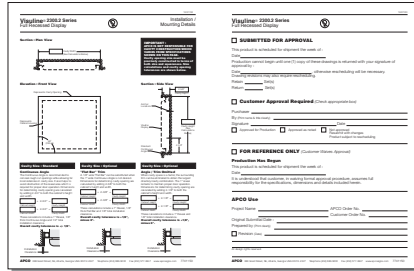
Pedestal Mount displays are freestanding structures supported by double, 8" aluminum posts. All pedestal doors are top hinged. Smaller, lighter weight doors are supported with folding prop-rods while larger, heavier doors utilize gas cylinder "assists". Standard 30 degree mounting reduces unwanted glare from overhead lighting when viewed from the most readable angles. The 27" minimum clearance at the front edge of the housing complies with ADA guidelines.

Maximum size recommended for a Single Pedestal directory is 37"H. x 33-3/4"W. Larger units are Double Pedestal mounted.

Post Mount displays are freestanding structures that can be single or double sided. Support is provided by double, 4" or 8" aluminum posts. Standard mounting installation is direct burial. Optional surface mount configuration includes plates attached to end of posts.

Shop Drawings

Technical Shop Drawings are available on our website or in printed form. Drawings include orthographic illustrations separated into each product series. Basic construction details, operating clearances and formulas for calculating mounting requirements are also provided. The "Specification" page allows selection from a wide variety of standard components. An "Installation / Mounting Details" page is used for coordinating mounting details with the contractor.



APCO's engineering services will adapt Visuline products to your requirements. Free consultation is available nationwide to assist in calculating size and graphics capacity.

Installation Instructions

Installation instructions are provided with every Visuline display.

Care and Maintenance Instructions

Servicing is made simple by APCO's use of easy to change graphics and inserts. Providing care and maintenance instructions are followed carefully, the Visuline display will last for many years.



2300.1/2300.1GC
Semi-Recessed



2300.2/2300.2GC
Full Recessed/Floated Glass



2300.3/2300.3GC
Surface Mounted



2300.4
Single Pedestal Mount



2300.4
Double Pedestal Mount



2300.5
Double Post Mount
• Single Sided
• Double Sided
• 4" Posts
• 8" Posts

Display Configurations

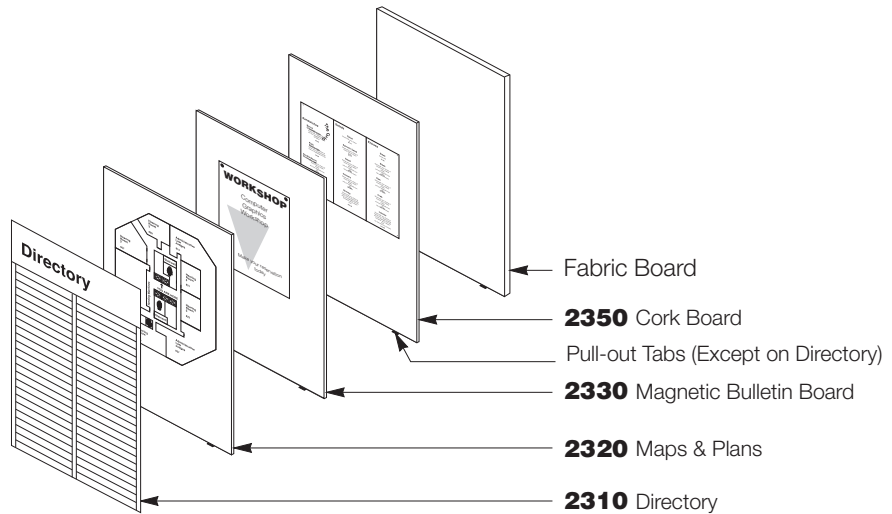
Changeable Displays

With the exception of Aluminum (SB) and Plastic (SBP and SBP-CL) SignBands, all graphic components are attached to a removable "back-up" board. This board fastens into the cabinet opening using PresLock fasteners. Pull-tabs are provided to simplify installation and maintenance.

As a standard, aluminum and Plastic SignBands are assembled as independent column tiles which lift out for servicing.

Interior vs. Exterior

The following chart lists display components for interior, and recommended components for exterior applications. Refer to each individual series for additional information.



Display Configuration

2310 Series Directory

2320 Maps or Plans

2330 Magnetic Bulletin Board

2350 Cork Board

Fabric Board

Interior Components

MS - Message Strip (molded plastic)
 SBP - Accord 15 Express ColorBand
 SBP-CL - Accord 15 Express ClearBand
 (for paper messages)
 SB-IS - Accord 15 Aluminum SignBand w/
 Insert Slot (for paper messages)
 SB - Accord 15 Aluminum SignBand
 SB241 - Expander (acrylic-faced graphics panel)
 Acrylic Sheet
 Laminated Steel Sheet
 Plastic Impregnated Cork
 Fabric Wrapped Construction Board

Exterior Components

SB - Accord 15 Aluminum SignBand
 SB241 - Expander (DiBond-faced graphics panel)

DiBond (Aluminum Composite Material)
 NOT RECOMMENDED (Steel may rust)
 Plastic Impregnated Cork (Tacks may rust)
 NOT RECOMMENDED

2310 Series - Directory

When used as a Directory, Visuline features columns of interchangeable message strips and a removable Header panel. Five types of Directory message strips are offered.

MS - Molded Plastic Message Strip

Molded sizes:

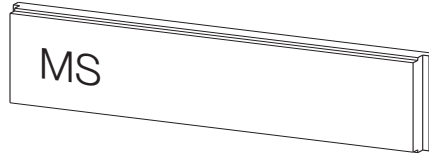
I-50 (1/2" x 9") and I-100 (1" x 9")

Reveal on top and bottom edges.

Eight standard, integral colors.

Flex-fits into affixed columns.

Prepaid Reorder System.



Molded Plastic Message Strip

**MOST POPULAR
FACTORY PRINTED
STRIPS**

SBP - Accord 15[®] Express ColorBand

Molded sizes:

30 x 225mm (1-3/16" x 8-7/8")

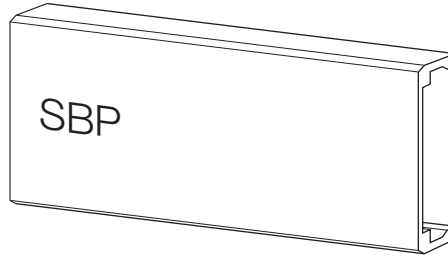
45 x 225mm (1-3/4" x 8-7/8")

Bevel detail on top and bottom edges.

Molded A72 White (easily painted)

Snaps onto lift-out column tiles.

Prepaid Reorder System.



Accord 15[®] Express ColorBand

SBP-CL - Accord 15[®] Express ClearBand

Molded sizes:

30 x 225mm (1-3/16" x 8-7/8")

45 x 225mm (1-3/4" x 8-7/8")

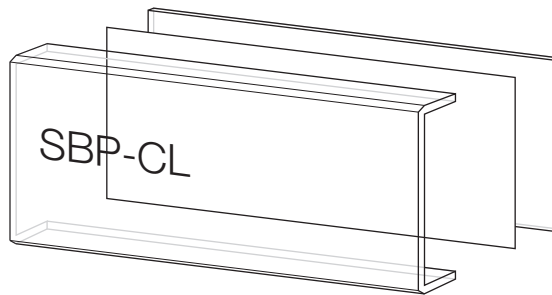
Bevel detail on top and bottom edges.

Clear molded plastic face & backer.

Changeable Inserts: Special sized and coated paper in seven standard colors laser printed by user. Custom colors available special order.

Snaps onto lift-out column tiles.

This product allows for user updating of directory inserts. Supplies and software shipped from stock.



Accord 15[®] Express ClearBand

**INSTANT IN-HOUSE
UPDATING AT
LOWEST POSSIBLE COST**

SB-IS - Accord 15[®] Aluminum SignBand w/ Insert Slot

Insert Slot

Two standard heights:

15mm (19/32") and 30mm (1-3/16")

45, 60, 75 and 90mm available special order only

Two standard lengths:

225mm (8-7/8") and 300mm (11-13/16")

Other lengths available special order

Bevel detail on top and bottom edges.

Any APCO standard color or anodized finish.

Snaps onto lift-out column tiles.

Prepaid Reorder System.

This product allows for user updating of directory inserts. Supplies and software shipped from stock.



Aluminum SignBand with Insert Slot

**INSTANT IN-HOUSE
UPDATING AT
LOWEST POSSIBLE COST**

SB - Accord 15[®] Aluminum SignBand

Two standard heights:

15mm (19/32") and 30mm (1-3/16")

45, 60, 90 and 120mm available special order only

Two standard lengths:

225mm (8-7/8") and 300mm (11-13/16")

Other lengths available special order

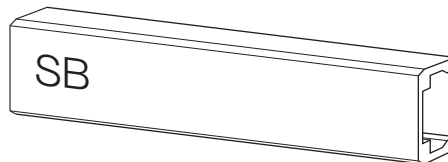
Bevel detail on top and bottom edges.

Any APCO standard color or anodized finish.

Snaps onto lift-out column tiles.

Prepaid Reorder System.

Use this product for exterior applications and when length of message exceeds those for Molded Plastic Message Strips.



Aluminum SignBand

**THE ONLY MESSAGE
STRIP FOR
EXTERIOR USE**

Directory - MS Message Strips

Molded Plastic Message Strip

The MS Strip is the original directory message strip option. Injection molded strips are a proven solution and offer many advantages over strip systems fabricated from plastic sheet material.

Precision molded plastic provides uniform thickness and size which insures perfect fit and alignment. Exact match of replacement strips, in both fit and color, is easy to achieve.

The strip is molded with reveals top and bottom and tabs at each end which allow message strips to flex and snap between molded plastic vertical dividers. Dividers are secured to rigid back-up material, forming standard column widths.

Message copy is silkscreen printed in a broad range of typestyles and colors.

MS Strips are molded in these integral colors:

- A02** Black
- A43** Putty
- A44** Architectural Brown
- A47** Light Grey
- A71** Harvard Green
- A72** Bone White
- A74** Indy Blue
- A78** Pearl Grey

MS Strips are molded in two sizes:

Part Code	Approximate Overall Size	Display H x W
I-50	9/16" H x 9" W	1/2" x 8-3/4"
I-100	1-1/8" H x 9" W	1" x 8-3/4"

NOTE: Although I-100 strips are essentially twice the size of I-50 strips, they do not modulate perfectly. Mixing the two heights within columns is not recommended.

Display Panel Installation

Message strip backer assemblies are retained with molded PresLock fasteners and are easily removed for installation and servicing, using a large Suction Cup Tool provided.

Interior Application Only

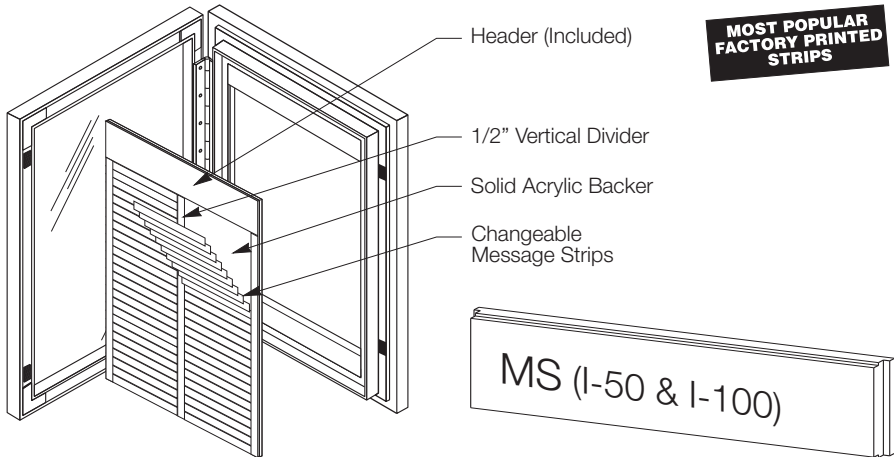
While MS strips are molded from an automotive grade plastic, they are not recommended for exterior applications, as they may not withstand the heat build up within the glass covered cabinets.

Prepaid Reorder System

Replacement MS strips are available through the Prepaid Reorder System. A laminated order form with complete specifications is provided along with serially numbered stickers, in quantities of 10, 25 or 50, which can later be redeemed by fax or email.

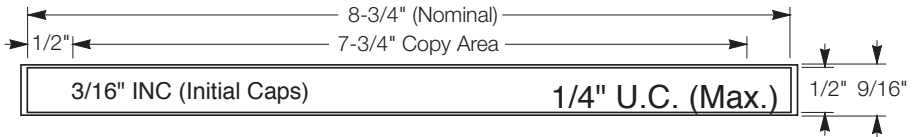
† Approximate weights are for full recessed Visulines with an aluminum door frame. Semi-Recessed and surface mount units will be less.

†† 3-1/2" deep, GC cabinets have top hinged doors which are supported with gas cylinder "assistants".

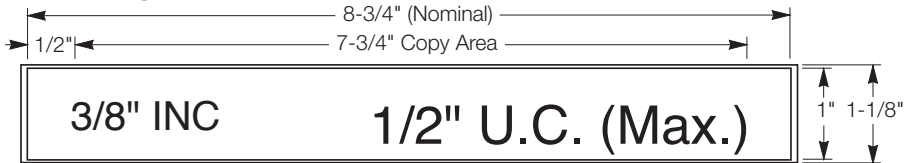


**MOST POPULAR
FACTORY PRINTED
STRIPS**

I-50 Graphic Area



I-100 Graphic Area



Header: 26" modules include a 4" acrylic header. Removing header will increase I-50 capacity by 7 strips per column, I-100 capacity increases 3 per column.

26" Cabinet

Column Capacity	Cabinet Size (H x W x D) ††	Message Strip Capacities		Cabinet Style	Door Hinge Location	Total Weight †
		I-50	I-100			
2	26" x 22" x 2-3/4"	64	32	Std. V-Line	Left	44 (lbs)
3	26" x 31-1/4" x 2-3/4"	96	48	Std. V-Line	Top	53 (lbs)
4	26" x 40-1/2" x 2-3/4"	128	64	Std. V-Line	Top	62 (lbs)
5	26-3/8" x 50-1/8" x 3-1/2"	160	80	GC	Top	74 (lbs)
6	26-3/8" x 59-3/8" x 3-1/2"	192	96	GC	Top	86 (lbs)
8	26-3/8" x 77-7/8" x 3-1/2"	256	128	GC	Top	126 (lbs)
10	26-3/8" x 96-3/8" x 3-1/2"	320	160	GC	Top	153 (lbs)

Header: 37" modules include a 6" acrylic header. Removing header will increase I-50 capacity by 10 strips per column, I-100 capacity increases 5 per column.

37" Cabinet

Column Capacity	Cabinet Size (H x W x D) ††	Message Strip Capacities		Cabinet Style	Door Hinge Location	Total Weight †
		I-50	I-100			
2	37" x 22" x 2-3/4"	96	48	Std. V-Line	Left	57 (lbs)
3	37" x 31-1/4" x 2-3/4"	144	72	Std. V-Line	Left	74 (lbs)
4	37" x 40-1/2" x 2-3/4"	192	96	Std. V-Line	Left	91 (lbs)
5	37-3/8" x 50-1/8" x 3-1/2"	240	120	GC	Top	112 (lbs)
6	37-3/8" x 59-3/8" x 3-1/2"	288	144	GC	Top	128 (lbs)
8	37-3/8" x 77-7/8" x 3-1/2"	384	192	GC	Top	161 (lbs)
10	37-3/8" x 96-3/8" x 3-1/2"	480	240	GC	Top	195 (lbs)

Accord 15 Express ColorBand

The Accord 15 Express ColorBand is a truly modular strip system, developed for a wide range of interior applications. Injection molded strips are a proven solution and offer many advantages over strip systems fabricated from plastic sheet material.

Precision molded plastic provides uniform thickness and size which insures perfect fit and alignment. Exact match of replacement strips, in both fit and color, is easy to achieve.

ColorBands incorporate a slight edge bevel that creates a visual shadow line reveal between strips. They snap onto molded MultiClips, which are assembled onto individual lift-out column "tiles".

A ThinLine Accord profile (1/16" wide) acts as a column divider, enclosing the left side of each column "tile". The right side of the "tile" is open for strip replacement and rearrangement.

As a standard, "tiles" lift out for servicing. Custom configurations may require alternate attachment method. Consult factory for details.

Message copy is silkscreen printed in a broad range of typestyles and colors.

Accord 15 ColorBands are molded in one integral color which can be easily painted:

A72 Bone White

Accord 15 ColorBands are molded in two sizes:

Part Code	Overall Size	Display Size
SBP30	1-3/16" x 8-7/8"	1" x 8-7/8"
SBP45	1-25/32" x 8-7/8"	1-5/8" x 8-7/8"

ColorBands can be used in conjunction with aluminum SignBands and SignBand Expanders. Consult factory for details.

Accord 15 Express ClearBand

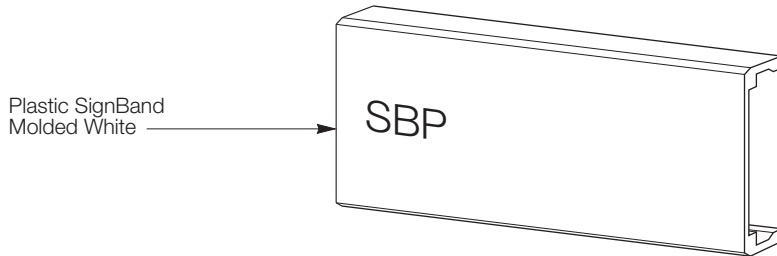
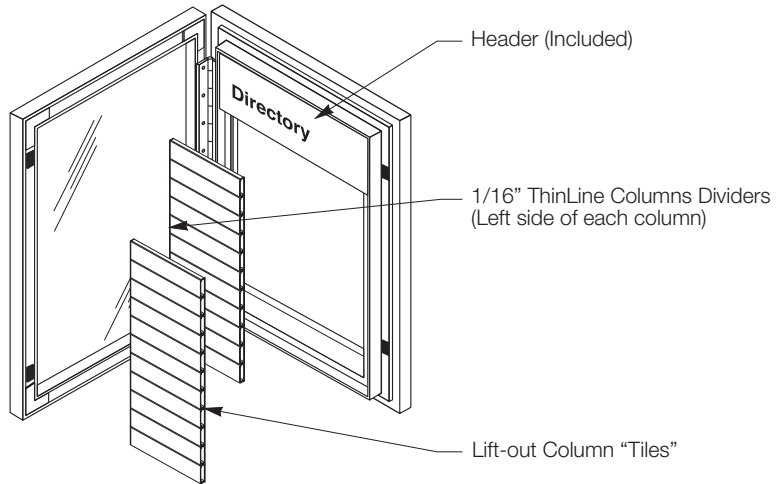
This clear version of ColorBand is designed to protect laser-printed images on perforated SignWord paper inserts. SignWord software is downloadable from www.apcosigns.com. Paper supplies are in stock for immediate shipment.

The Accord 15 Express ClearBand provides maximum flexibility with instant in-house updating at the lowest possible cost.

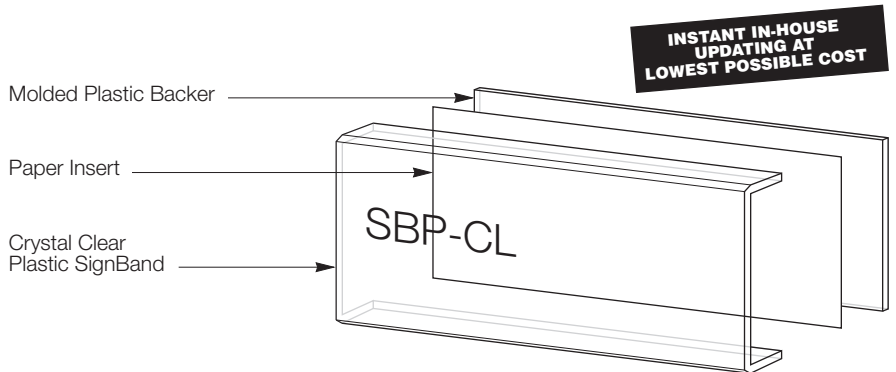
Accord 15 ClearBands are molded in two sizes:

Part Code	Overall Size	Display Size
SBP30-CL	1-3/16" x 8-7/8"	1" x 8-7/8"
SBP45-CL	1-25/32" x 8-7/8"	1-5/8" x 8-7/8"

ClearBands can be used in conjunction with aluminum SignBands and SignBand Expanders. Consult factory for details.



225mm ColorBand (SBP30.225)



225mm ClearBand (SBP30.225CL)



Header

The V241H header is an integral part of the directory's function and is provided for common directory identification. This custom fabricated assembly, along with a bottom retainer angle, allow column tiles to float freely, making them easy to install and service. NOTE: Removing the header or adding a V241B (bottom header/base) constitutes a custom directory configuration. Cabinet heights will vary from those shown. Consult factory for details.

26-11/16" and 27-1/8" modules include a 90mm high V241H header.
37-5/16" and 37-3/4" modules include a 120mm high V241H header.

225mm

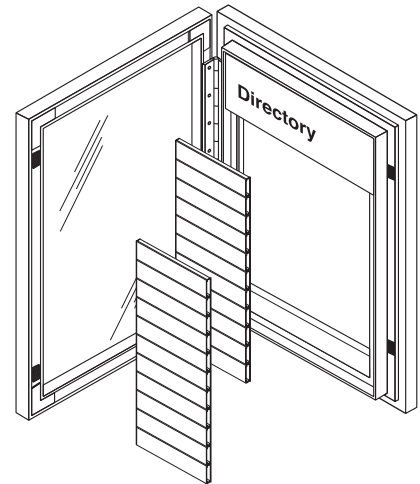
The two charts below illustrate cabinet size and message strip capacities for 225mm wide, **SBP Plastic SignBands** and **SBP-CL Plastic ClearBands with Clear Cover**.

26-11/16" Cabinet

Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 225	30 x 225			
2	26-11/16" x 20-7/8" x 2-3/4"	n/a	32	Std.	Left	40 (lbs)
3	26-11/16" x 29-13/16" x 2-3/4"	n/a	48	Std.	Left	50 (lbs)
4	26-11/16" x 38-3/4" x 2-3/4"	n/a	64	Std.	Left	61 (lbs)
5	27-1/8" x 48-1/8" x 3-1/2"	n/a	80	GC	Top	72 (lbs)
6	27-1/8" x 57-1/16" x 3-1/2"	n/a	96	GC	Top	87 (lbs)
8	27-1/8" x 75" x 3-1/2"	n/a	128	GC	Top	109 (lbs)
10	27-1/8" x 92-7/8" x 3-1/2"	n/a	160	GC	Top	132 (lbs)

37-5/16" Cabinet

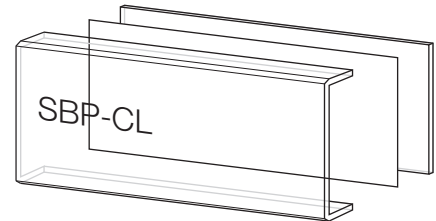
Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 225	30 x 225			
2	37-5/16" x 20-7/8" x 2-3/4"	n/a	48	Std.	Left	50 (lbs)
3	37-5/16" x 29-13/16" x 2-3/4"	n/a	72	Std.	Left	64 (lbs)
4	37-5/16" x 38-3/4" x 2-3/4"	n/a	96	Std.	Left	77 (lbs)
5	37-3/4" x 48-1/8" x 3-1/2"	n/a	120	GC	Top	91 (lbs)
6	37-3/4" x 57-1/16" x 3-1/2"	n/a	144	GC	Top	109 (lbs)
8	37-3/4" x 75" x 3-1/2"	n/a	192	GC	Top	137 (lbs)
10	37-3/4" x 92-7/8" x 3-1/2"	n/a	240	GC	Top	165 (lbs)



SBP ColorBand (30mm)



SBP-CL ClearBand (30mm)



† Approximate weights are for full recessed Visulines with an aluminum door frame. Semi-Recessed and surface mount units will be less.

†† 3-1/2" deep, GC cabinets have top hinged doors which are supported with gas cylinder "assists".

Aluminum SignBand with Insert Slot

Two extruded Aluminum SignBands with the Insert Slot feature are standard offerings for directory use; the SB15IS and SB30IS. Each has a thickness of .118" (3mm) and incorporates a slight edge bevel that visually creates a shadow line reveal between messages.

A slot within the shape accepts changeable paper inserts which are available in coordinated APCO colors. A clear protective cover is also available which slides into the slot, in front of the message.

SignBands snap onto precision, injection molded MultiClips, forming independent lift-out columns "tiles". MultiClip design ensures SignBand alignment between columns.

A ThinLine Accord profile (1/16" wide) acts as a column divider, enclosing the left side of each column "tile". The right side of the "tile" is open for strip replacement and rearrangement.

As a standard, "tiles" lift out for servicing. Custom configurations may require alternate attachment method. Consult factory for details.

Overall heights and display heights of Aluminum SignBands with Insert Slot are as follows:

Part Code	Overall Height	Display Height
SB15IS	19/32"	5/16"
SB30IS	1-3/16"	15/16"

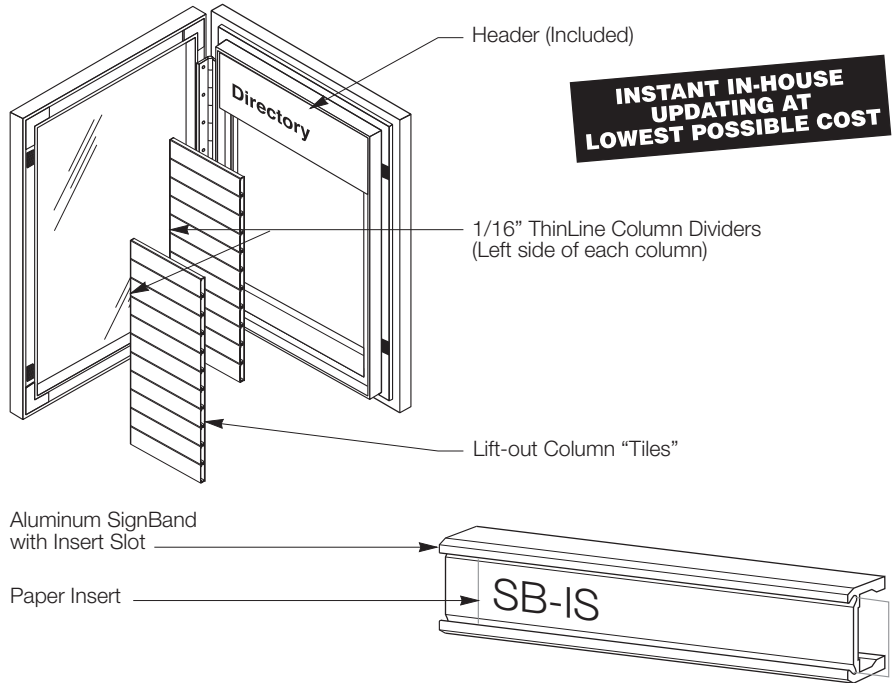
IS SignBands can be used in conjunction with aluminum SignBands and SignBand Expanders. Consult factory for details.

Interior Application Only

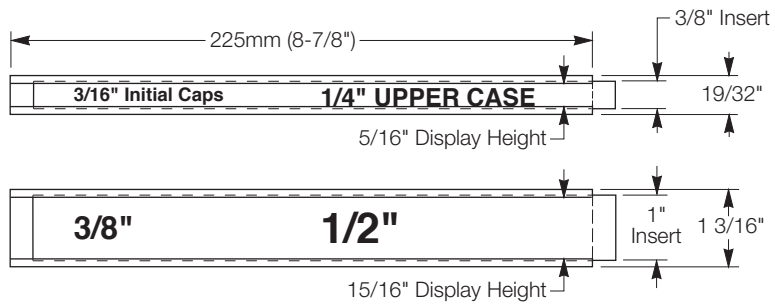
The SB-IS is designed for use in controlled interior environments, as the paper inserts are not intended to withstand exposure to the elements.

Sizes & Text Limitations

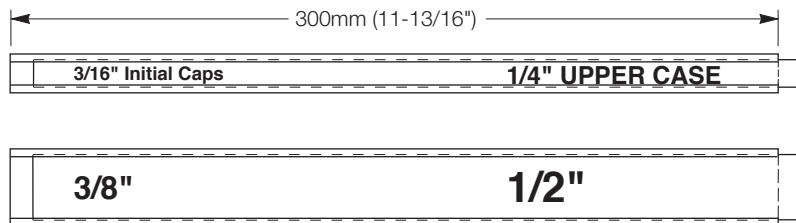
Standard cut lengths for the SB15IS and SB30IS are shown at right. Maximum suggested text sizes are also illustrated for each. Other widths are available Special Order.



225mm SignBand with Insert Slot (SB15IS & SB30IS)



300mm SignBand with Insert Slot (SB15IS & SB30IS)



Directory - Accord 15[®] SB - Aluminum SignBand

Aluminum SignBand

Two extruded Aluminum SignBands are standard offerings for directory use; the SB15 and SB30. Each has a thickness of .118" (3mm) and incorporates a slight edge bevel that visually creates a shadow line reveal between messages.

SignBands snap onto precision, injection molded MultiClips, forming independent lift-out columns or "tiles". MultiClip design ensures SignBand alignment between columns.

A ThinLine Accord profile (1/16" wide) acts as a column divider, enclosing the left side of each column "tile". The right side of the "tile" is open for strip replacement and rearrangement.

As a standard, "tiles" lift out for servicing. Custom configurations may require alternate attachment method. Consult factory for details.

Message copy is silkscreen printed in a broad range of typestyles and colors.

Overall heights and display heights of Aluminum SignBands are as follows:

Part Code	Overall Height	Display Height
SB15	19/32"	13/32"
SB30	1-3/16"	1"

Aluminum SignBands can be used in conjunction with SignBands with the insert slot feature and SignBand Expanders. Consult factory for details.

Interior / Exterior Applications

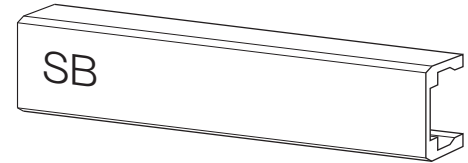
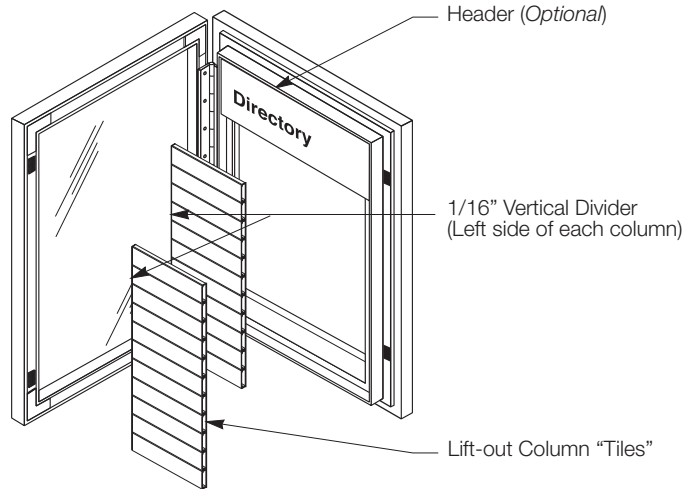
Aluminum SignBands are suitable for both interior and exterior applications. It is however, important to indicate when a directory is intended for exterior use, as header material will change.

Sizes & Text Limitations

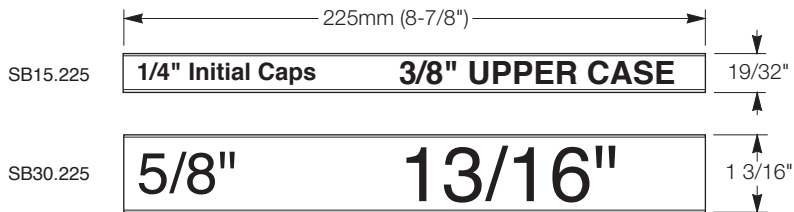
Standard cut lengths for the SB15 and SB30 are shown at right. Maximum suggested text sizes are also illustrated for each. Other widths are available Special Order.

Prepaid Reorder System

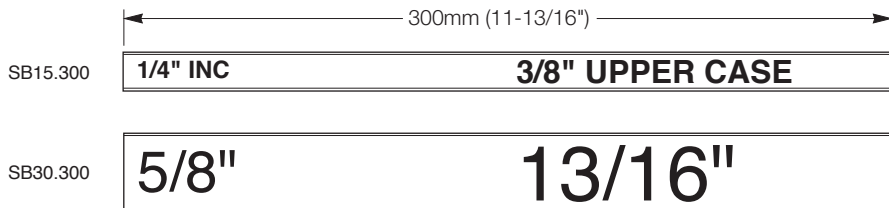
Replacement SignBands are available through the Prepaid Reorder System. A laminated order form with complete specifications is provided along with serially numbered stickers, in quantities of 10, 25 or 50, which can later be redeemed by fax or mail.



225mm SignBand (SB15 & SB30)



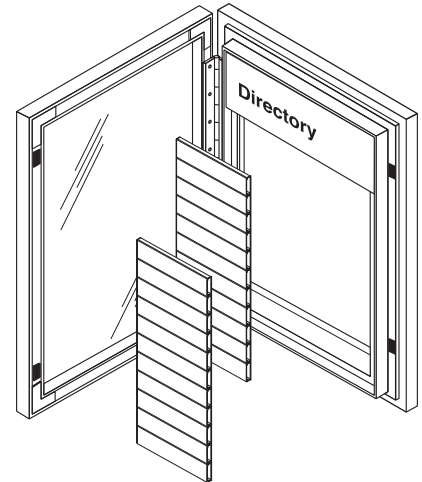
300mm SignBand (SB15 & SB30)



Header

The V241H header is an integral part of the directory's function and is provided for common directory identification. This custom fabricated assembly, along with a bottom retainer angle, allow column tiles to float freely, making them easy to install and service. NOTE: Removing the header or adding a V241B (bottom header/base) constitutes a custom directory configuration. Cabinet heights will vary from those shown. Consult factory for details.

26-11/16" and 27-1/8" modules include a 90mm high V241H header.
37-5/16" and 37-3/4" modules include a 120mm high V241H header.



225mm

The two charts below illustrate cabinet size and message strip capacities for 225mm wide, **SB Aluminum SignBands** and **SBIS Aluminum SignBands with Insert Slot**.

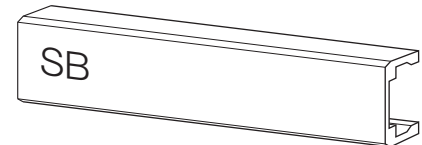
26-11/16" Cabinet

Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 225	30 x 225			
2	26-11/16" x 20-7/8" x 2-3/4"	64	32	Std.	Left	43 (lbs)
3	26-11/16" x 29-13/16" x 2-3/4"	96	48	Std.	Left	55 (lbs)
4	26-11/16" x 38-3/4" x 2-3/4"	128	64	Std.	Top	68 (lbs)
5	27-1/8" x 48-1/8" x 3-1/2"	160	80	GC	Top	80 (lbs)
6	27-1/8" x 57-1/16" x 3-1/2"	192	96	GC	Top	97 (lbs)
8	27-1/8" x 75" x 3-1/2"	256	128	GC	Top	123 (lbs)
10	27-1/8" x 92-7/8" x 3-1/2"	320	160	GC	Top	150 (lbs)

37-5/16" Cabinet

Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 225	30 x 225			
2	37-5/16" x 20-7/8" x 2-3/4"	96	48	Std.	Left	56 (lbs)
3	37-5/16" x 29-13/16" x 2-3/4"	144	72	Std.	Left	72 (lbs)
4	37-5/16" x 38-3/4" x 2-3/4"	192	96	Std.	Left	87 (lbs)
5	37-3/4" x 48-1/8" x 3-1/2"	240	120	GC	Top	103 (lbs)
6	37-3/4" x 57-1/16" x 3-1/2"	288	144	GC	Top	124 (lbs)
8	37-3/4" x 75" x 3-1/2"	384	192	GC	Top	157 (lbs)
10	37-3/4" x 92-7/8" x 3-1/2"	480	240	GC	Top	189 (lbs)

SB SignBand (15 & 30mm)



SBIS SignBand (15 & 30mm)



300mm

The two charts below illustrate cabinet size and message strip capacities for 300mm wide, **SB Aluminum SignBands** and **SBIS Aluminum SignBands with Insert Slot**.

26-11/16" Cabinet

Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 300	30 x 300			
2	26-11/16" x 26-3/4" x 2-3/4"	64	32	Std.	Left	51 (lbs)
3	26-11/16" x 38-11/16" x 2-3/4"	96	48	Std.	Top	67 (lbs)
4	27-1/8" x 51" x 3-1/2"	128	64	GC	Top	88 (lbs)
5	27-1/8" x 62-15/16" x 3-1/2"	160	80	GC	Top	105 (lbs)
6	27-1/8" x 74-13/16" x 3-1/2"	192	96	GC	Top	122 (lbs)
8	27-1/8" x 98-5/8" x 3-1/2"	256	128	GC	Top	157 (lbs)

37-5/16" Cabinet

Col. Cap	Cabinet size ††	Message Strip Capacities		Cabinet Style	Hinge Location	Total Weight †
		15 x 300	30 x 300			
2	37-5/16" x 26-3/4" x 2-3/4"	96	48	Std.	Left	66 (lbs)
3	37-5/16" x 38-11/16" x 2-3/4"	144	72	Std.	Left	87 (lbs)
4	37-3/4" x 51" x 3-1/2"	192	96	GC	Top	112 (lbs)
5	37-3/4" x 62-15/16" x 3-1/2"	240	120	GC	Top	134 (lbs)
6	37-3/4" x 74-13/16" x 3-1/2"	288	144	GC	Top	156 (lbs)
8	37-3/4" x 98-5/8" x 3-1/2"	384	192	GC	Top	199 (lbs)

† Approximate weights are for full recessed Visulines with an aluminum door frame. Semi-Recessed and surface mount units will be less.
†† 3-1/2" deep. GC cabinets have top hinged doors which are supported with gas cylinder "assistants".

Maps & Plans

2320 Series - Maps & Plans

When used to display Maps or Plans, Visuline accommodates easily changeable, multicolored floorplans, site plans or facility locator maps. Single or multiple graphic inserts can be displayed.

For **Interior** applications, Map or Plan graphics are surface sprayed and surface imprinted onto 1/8" thick acrylic. The changeable panel is magnetically mounted to a rigid back-up which fastens into the cabinet using PresLock fasteners. Pull-tabs are provided to simplify installation and maintenance.

For **Exterior** applications, Maps and Plans are face applied onto an aluminum composite material (DiBond) and secured directly into the Visuline cabinet using PresLock fasteners. Magnetic mounting is not suitable for exterior environments.

The customer can provide digital artwork or APCO can create art from site or floor plans. Graphic options include screen printing or laminating electronically printed media onto the changeable panel.

Cabinet Size and Display Area

Standard cabinet heights and widths are offered for Maps and Plans. However, cabinets can easily be constructed to accommodate displays of virtually any size.

To calculate the cabinet's inside dimensions, simply subtract both cabinet member thicknesses from the cabinet's height and width.
Example:

Visuline Cabinet Size		Equals Cabinet I.D.
24" (h) minus 2-15/16"		21-1/16" (h)
36" (w) minus 2-15/16"		33-1/16" (w)

GC Cabinet Size		Equals Cabinet I.D.
24" (h) minus 3-3/8"		20-5/8" (h)
36" (w) minus 3-3/8"		32-5/8" (w)

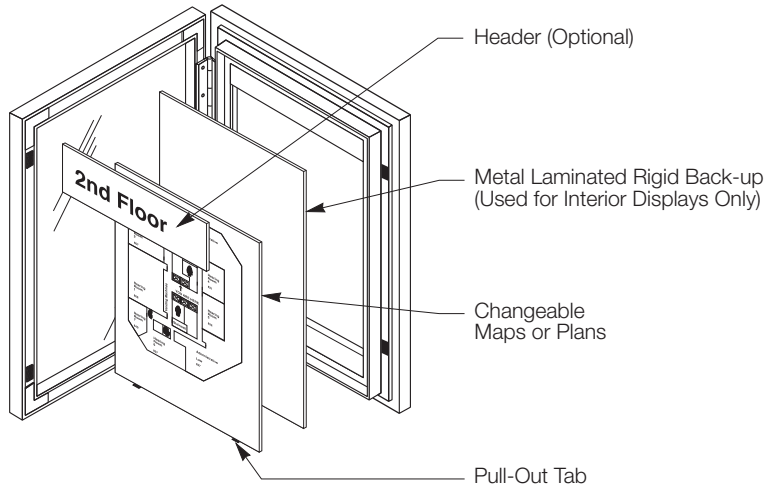
To calculate the display area, subtract an additional 1/16" from cabinet inside dimensions for service clearance.

Header

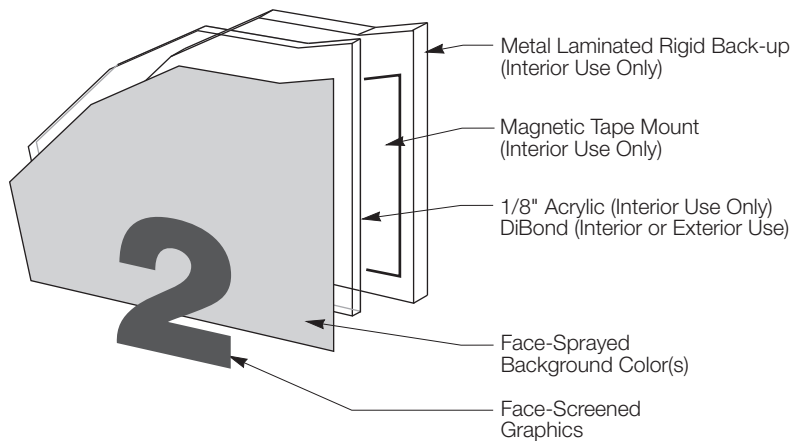
A header panel is constructed in the same fashion as the Map or Plan panel. Typical Header size and graphic area are as follows:

Cabinet Height Header Size & Graphic Area

24"	4" vertical x width of display area
36"	6" vertical x width of display area



Maps & Plans Panel Construction



24" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2320.1.2418	Semi-Recessed	24" x 18" x 2-3/4"	36 (lbs)	21" x 15"	Left	Std. V-Line
2320.2.2418	Full Recessed		43 (lbs)			
2320.3.2418	Surface Mount		34 (lbs)			
2320.1.2424	Semi-Recessed	24" x 24" x 2-3/4"	45 (lbs)	21" x 21"	Left	Std. V-Line
2320.2.2424	Full Recessed		54 (lbs)			
2320.3.2424	Surface Mount		43 (lbs)			
2320.1.2436	Semi-Recessed	24" x 36" x 2-3/4"	64 (lbs)	21" x 33"	Top	Std. V-Line
2320.2.2436	Full Recessed		74 (lbs)			
2320.3.2436	Surface Mount		61 (lbs)			

36" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2320.1.3618	Semi-Recessed	36" x 18" x 2-3/4"	51 (lbs)	33" x 15"	Left	Std. V-Line
2320.2.3618	Full Recessed		60 (lbs)			
2320.3.3618	Surface Mount		49 (lbs)			
2320.1.3624	Semi-Recessed	36" x 24" x 2-3/4"	64 (lbs)	33" x 21"	Left	Std. V-Line
2320.2.3624	Full Recessed		74 (lbs)			
2320.3.3624	Surface Mount		61 (lbs)			

† Approximate weights include an aluminum door frame.

2330 Series - Magnetic Bulletin Board

Visuline provides a smooth inner surface when used as a Magnetic Bulletin Board. Magnetic discs are furnished to retain posters, messages, announcements and other sheet documents.

For **Interior Applications Only**, Magnetic Bulletin Boards incorporate a ferrous core laminated to a rigid back-up. The core is covered with a scuff resistant material which can be finished in any APCO or custom color. The finished assembly fastens into the cabinet using PresLock fasteners. Pull-tabs are provided to simplify installation and maintenance.

Cabinet Size and Display Area

Standard cabinet heights and widths are offered for Magnetic Bulletin Boards. However, cabinets can easily be constructed to accommodate displays of virtually any size.

To calculate the cabinet's inside dimensions, simply subtract both cabinet member thicknesses from the cabinet's height and width.
Example:

Visuline Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 2-15/16"	21-1/16" (h)
36" (w)	minus 2-15/16"	33-1/16" (w)

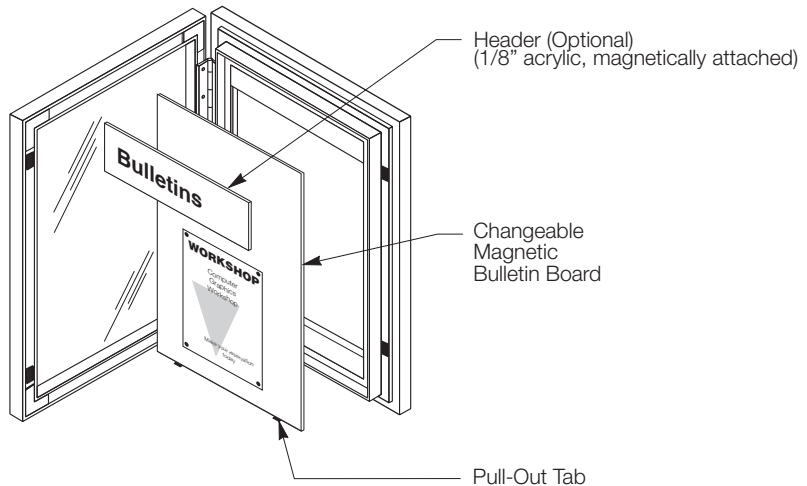
GC Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 3-3/8"	20-5/8" (h)
36" (w)	minus 3-3/8"	32-5/8" (w)

To calculate the display area, subtract an additional 1/16" from cabinet inside dimensions for service clearance.

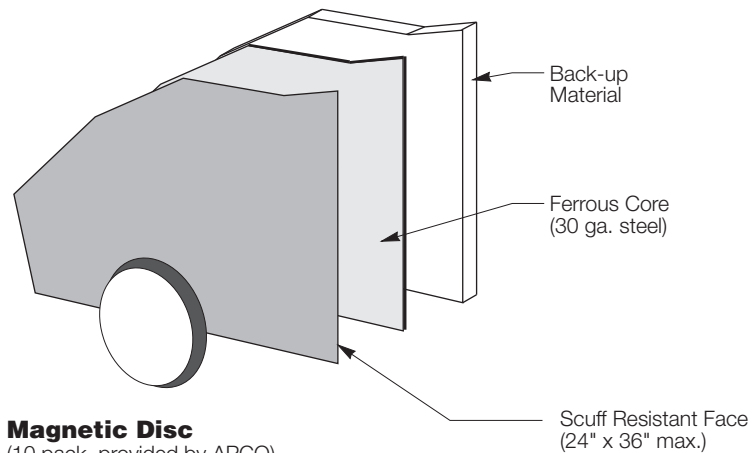
Header

When a removable Header panel is specified, magnetic display area is reduced. Typical Header size and graphic area are as follows:

Cabinet Height	Header Size & Graphic Area
24"	4" vertical x width of display area
36"	6" vertical x width of display area



Bulletin Board Construction



Magnetic Disc
(10 pack, provided by APCO)

24" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2330.1.2418	Semi-Recessed	24" x 18" x 2-3/4"	32 (lbs)	21" x 15"	Left	Std. V'Line
2330.2.2418	Full Recessed		40 (lbs)			
2330.3.2418	Surface Mount		31 (lbs)			
2330.1.2424	Semi-Recessed	24" x 24" x 2-3/4"	40 (lbs)	21" x 21"	Left	Std. V'Line
2330.2.2424	Full Recessed		49 (lbs)			
2330.3.2424	Surface Mount		38 (lbs)			
2330.1.2436	Semi-Recessed	24" x 36" x 2-3/4"	56 (lbs)	21" x 33"	Top	Std. V'Line
2330.2.2436	Full Recessed		67 (lbs)			
2330.3.2436	Surface Mount		54 (lbs)			

36" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2330.1.3618	Semi-Recessed	36" x 18" x 2-3/4"	45 (lbs)	33" x 15"	Left	Std. V'Line
2330.2.3618	Full Recessed		55 (lbs)			
2330.3.3618	Surface Mount		43 (lbs)			
2330.1.3624	Semi-Recessed	36" x 24" x 2-3/4"	56 (lbs)	33" x 21"	Left	Std. V'Line
2330.2.3624	Full Recessed		67 (lbs)			
2330.3.3624	Surface Mount		54 (lbs)			

† Approximate weights include an aluminum door frame.

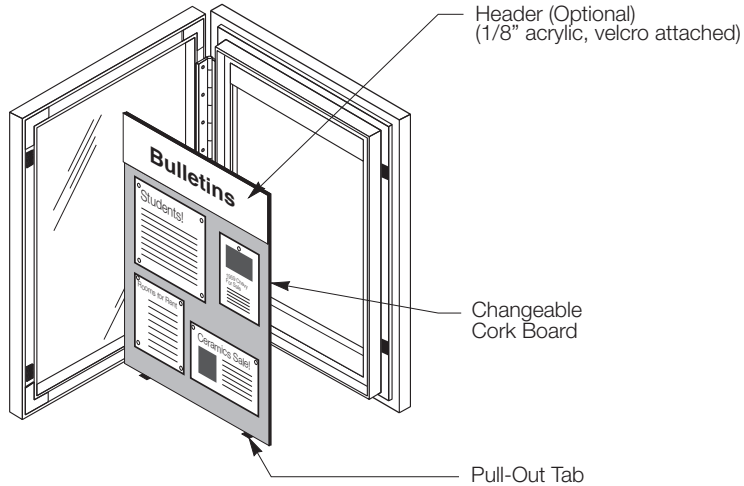
Cork Board

2350 Series - Cork Board

Cork Board is a high grade plastic impregnated cork material used to display various printed material such as posters, notices, etc. which are affixed with pins or tacks. The 1/4" thick, self-healing composite material is available in 1 color (natural).

The Cork Board material is laminated to DiBond (aluminum composite material) and fastened into the cabinet using PresLock fasteners. Pull-tabs are provided to simplify installation and maintenance.

Cork Board is suitable for **Interior** or **Exterior** applications. Exterior testing has resulted in no actual breakdown of material. Also, when subjected to moist environments, steel tacks may rust and cause streaking on the cork face. If an exterior application is desirable and discoloration occurs, Cork Board is easily replaced.



Important: It is not recommended to use any type of masking or transparent tapes on the Cork Board as this will gum-up the surface and may cause premature discoloration.

Cabinet Size and Display Area

Standard cabinet heights and widths are offered for Cork Boards. However, cabinets can easily be constructed to accommodate displays of virtually any size.

To calculate the cabinet's inside dimensions, simply subtract both cabinet member thicknesses from the cabinet's height and width.

Example:

Visuline Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 2-15/16"	21-1/16" (h)
36" (w)	minus 2-15/16"	33-1/16" (w)

GC Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 3-3/8"	20-5/8" (h)
36" (w)	minus 3-3/8"	32-5/8" (w)

To calculate the display area, subtract an additional 1/16" from cabinet inside dimensions for service clearance.

Cork Board material is available up to 72" high by an unlimited width.

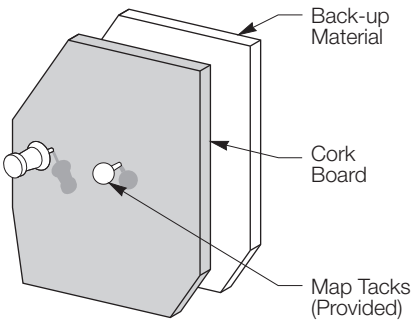
Header

If a Header is specified, the height of the Cork Board material is reduced. Typical Header size and graphic area follows:

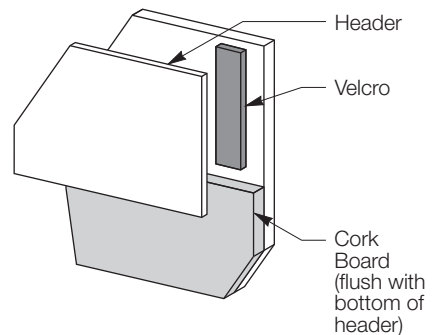
Cabinet

Height	Header Size
24"	4" vertical x width of display area
36"	6" vertical x width of display area

Cork Board Construction



With Header



24" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2350.1.2418	Semi-Recessed		28 (lbs)			
2350.2.2418	Full Recessed	24" x 18" x 2-3/4"	36 (lbs)	21" x 15"	Left	Std. V-Line
2350.3.2418	Surface Mount		27 (lbs)			
2350.1.2424	Semi-Recessed		48 (lbs)			
2350.2.2424	Full Recessed	24" x 24" x 2-3/4"	59 (lbs)	21" x 21"	Left	Std. V-Line
2350.3.2424	Surface Mount		46 (lbs)			
2350.1.2436	Semi-Recessed		62 (lbs)			
2350.2.2436	Full Recessed	24" x 36" x 2-3/4"	74 (lbs)	21" x 33"	Top	Std. V-Line
2350.3.2436	Surface Mount		58 (lbs)			

36" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D) ††	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
2350.1.3624	Semi-Recessed		48 (lbs)			
2350.2.3624	Full Recessed	36" x 24" x 2-3/4"	59 (lbs)	33" x 21"	Left	Std. V-Line
2350.3.3624	Surface Mount		46 (lbs)			
2350.1.3636	Semi-Recessed		66 (lbs)			
2350.2.3636	Full Recessed	36" x 36" x 2-3/4"	78 (lbs)	33" x 33"	Left	Std. V-Line
2350.3.3636	Surface Mount		63 (lbs)			
2350.1.3648	Semi-Recessed		84 (lbs)			
2350.2.3648	Full Recessed	36" x 48" x 3-1/2"	98 (lbs)	32-5/8" x 44-5/8"	Top	GC
2350.3.3648	Surface Mount		80 (lbs)			
2350.1.3660	Semi-Recessed		105 (lbs)			
2350.2.3660	Full Recessed	36" x 60" x 3-1/2"	121 (lbs)	32-5/8" x 56-5/8"	Top	GC
2350.3.3660	Surface Mount		101 (lbs)			
2350.1.3672	Semi-Recessed		123 (lbs)			
2350.2.3672	Full Recessed	36" x 72" x 3-1/2"	142 (lbs)	32-5/8" x 68-5/8"	Top	GC
2350.3.3672	Surface Mount		118 (lbs)			
2350.1.3696	Semi-Recessed		141 (lbs)			
2350.2.3696	Full Recessed	36" x 96" x 3-1/2"	160 (lbs)	32" x 92"	Top	GC
2350.3.3696	Surface Mount		136 (lbs)	x 92-5/8"		

† Approximate weights include an aluminum door frame. For a solid brass door, determine outside perimeter and add 3.2 lbs. per foot to weights shown.
 †† 3-1/2" deep, GC cabinets have top hinged doors which are supported with gas cylinder "assists".

Fabric Board

Fabric Boards offer a textile finished insert used to display various printed material such as posters, notices, etc. which are affixed with pins or tacks.

For **Interior Applications Only**, Fabric Board is a 1/2" thick, light weight construction board bonded to a DiBond (aluminum composite material) backer and wrapped in a fabric material. The finished assembly fastens into the cabinet using PresLock fasteners. Pull-tabs are provided to simplify installation and maintenance.

Fabric Material

APCO offers two standard fabric colors:

- 194** Sulphur
- 179** Mintless

NOTE: Fabric suppliers have been changing their fabric offering frequently due to market trends, demands, etc. Consult with factory for latest available colors or if material is to be supplied by customer.

Cabinet Size and Display Area

Standard cabinet heights and widths are offered for Fabric Boards. However, cabinets can easily be constructed to accommodate displays of virtually any size.

To calculate the cabinet's inside dimensions, simply subtract both cabinet member thicknesses from the cabinet's height and width.
Example:

Vsuline Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 2-15/16"	21-1/16" (h)
36" (w)	minus 2-15/16"	33-1/16" (w)

GC Cabinet Size		Equals Cabinet I.D.
24" (h)	minus 3-3/8"	20-5/8" (h)
36" (w)	minus 3-3/8"	32-5/8" (w)

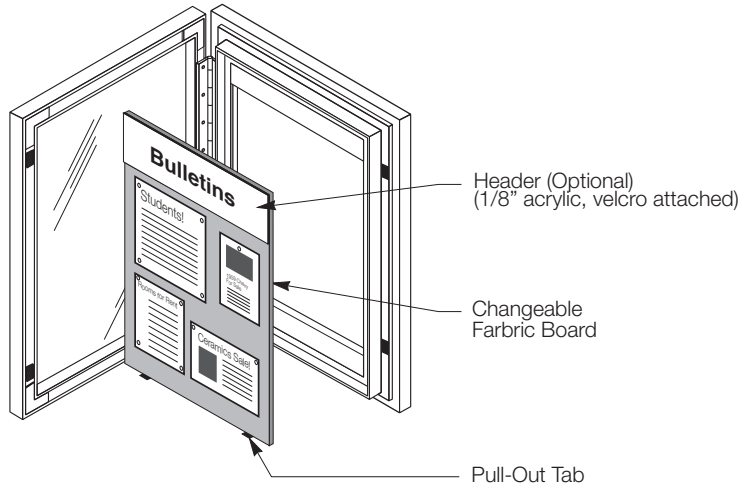
Fabric Board material is available up to 48" high by an unlimited width.

Header

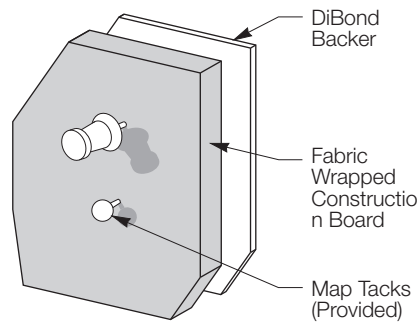
When a removable Header panel is specified, display area is reduced. Typical Header size and graphic area are as follows:

Cabinet

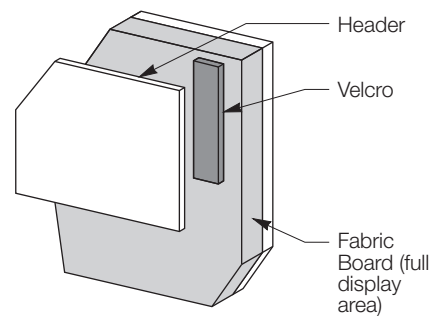
Height	Header Size
24"	4" vertical x width of display area
36"	6" vertical x width of display area



Fabric Board Construction



With Header



24" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D)	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
n/a	Semi-Recessed		28 (lbs)			
n/a	Full Recessed	24" x 18" x 2-3/4"	36 (lbs)	21" x 15"	Left	Std. V'Line
n/a	Surface Mount		27 (lbs)			
n/a	Semi-Recessed		48 (lbs)			
n/a	Full Recessed	24" x 24" x 2-3/4"	59 (lbs)	21" x 21"	Left	Std. V'Line
n/a	Surface Mount		46 (lbs)			
n/a	Semi-Recessed		62 (lbs)			
n/a	Full Recessed	24" x 36" x 2-3/4"	74 (lbs)	21" x 33"	Top	Std. V'Line
n/a	Surface Mount		58 (lbs)			

36" Cabinet

Product Code	Mounting Style	Cabinet Size (H x W x D) ††	Total Weight †	Display Area	Door Hinge Location	Cabinet Style
n/a	Semi-Recessed		48 (lbs)			
n/a	Full Recessed	36" x 24" x 2-3/4"	59 (lbs)	33" x 21"	Left	Std. V'Line
n/a	Surface Mount		46 (lbs)			
n/a	Semi-Recessed		66 (lbs)			
n/a	Full Recessed	36" x 36" x 2-3/4"	78 (lbs)	33" x 33"	Left	Std. V'Line
n/a	Surface Mount		63 (lbs)			
n/a	Semi-Recessed		84 (lbs)	32-5/8"		
n/a	Full Recessed	36" x 48" x 3-1/2"	98 (lbs)	x	Top	GC
n/a	Surface Mount		80 (lbs)	44-5/8"		
n/a	Semi-Recessed		105 (lbs)	32-5/8"		
n/a	Full Recessed	36" x 60" x 3-1/2"	121 (lbs)	x	Top	GC
n/a	Surface Mount		101 (lbs)	56-5/8"		
n/a	Semi-Recessed		123 (lbs)	32-5/8"		
n/a	Full Recessed	36" x 72" x 3-1/2"	142 (lbs)	x	Top	GC
n/a	Surface Mount		118 (lbs)	68-5/8"		
n/a	Semi-Recessed		141 (lbs)	32-5/8"		
n/a	Full Recessed	36" x 96" x 3-1/2"	160 (lbs)	x	Top	GC
n/a	Surface Mount		136 (lbs)	92-5/8"		

† Approximate weights include an aluminum door frame. For a solid brass door, determine outside perimeter and add 3.2 lbs. per foot to weights shown.
†† 3-1/2" deep, GC cabinets have top hinged doors which are supported with gas cylinder "assistants".

Cabinet Features

Cabinet

The cabinet is a custom designed aluminum extrusion that is mitered and welded for a smooth, virtually seamless appearance. Cabinet housing is sized to fit most any custom installation.

The overall size of display is directly related to the cabinet profile used. The **Visuline Cabinet** housing is designed for side hinged and smaller, top hinged, wall mounted units. An integral track provides a receptacle for PresLock mounted, changeable insert materials while adjustable support extrusions, incorporating the same integral track, provide center stability behind the insert(s). Including the door, the "Visuline Cabinet" assembly is 2-3/4" deep.

For heavier top hinged doors, the **GC Cabinet** provides necessary space for Gas Cylinder "Assists". (See "Doors" later in this section) Including the door, the "GC" cabinet assembly is 3-1/2" deep.

Display Area

The lighter "Visuline Cabinet" has a larger display area than the "GC" housing.

Example: "Visuline Cabinet";

$$\begin{array}{rcl} 36" & - & 2-15/16" \\ \text{Cabinet height} & - & \text{Housing} \\ & & (1-15/32" \text{ Ea. Side}) \end{array} = 33-1/16" \text{ Display Height}$$

Example: "GC Cabinet";

$$\begin{array}{rcl} 36" & - & 3-3/8" \\ \text{Cabinet height} & - & \text{Housing} \\ & & (1-11/16" \text{ Ea. Side}) \end{array} = 32 \text{ 5/8}" \text{ Display Height}$$

NOTE: If fixed cabinet size was determined using the incorrect cabinet housing, the display material size must be changed or cabinet size must be adjusted accordingly.

Standard Finishes

The following finishes are standard for both extruded aluminum cabinet housings:

- Natural Satin Anodized
- 313 Dark Bronze Anodized
- 315 Black Anodized

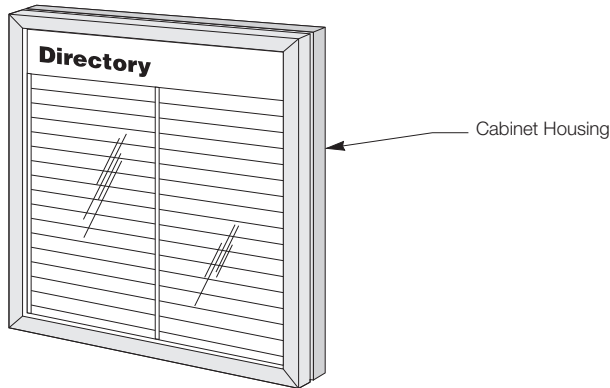
Optional Finishes

Once assembled, the housing can be clad with a variety of decorative metals. Below is a list of optional finishes available for cabinet cladding.

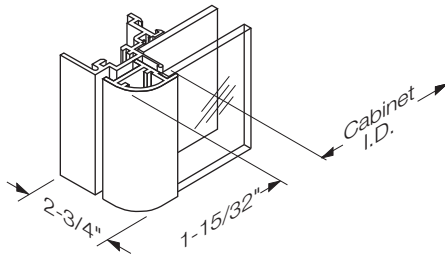
- Aluminum
 - Polished, Uncoated (APU)
 - Satin (Brushed), Clear Coated (ASC)

Acrylic Lacquer is used for Clear Coated finishes

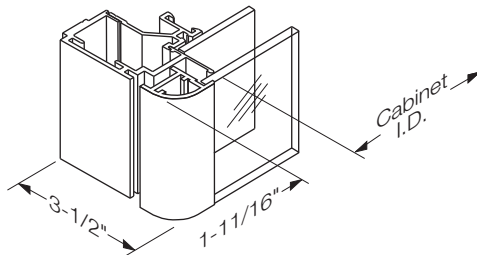
Polyurethane paint is another optional finish. Standard colors are available or custom colors can be matched.



Visuline Cabinet / Display Area



GC Cabinet / Display Area



Important: Specifying a non-standard size Directory will require product modifications. Consult factory for details.

Doors

Each Visuline is fitted with a single door. Profile selection includes any one of four shapes shown at right. Corners are mitered and welded to present an almost seamless appearance. All profiles are available in aluminum.

The AccentTrack™ door profile is designed with a slot to accept virtually any insert material 1" wide and up to .090" thick. The decorative "accent" material can be furnished by APCO or by the customer.

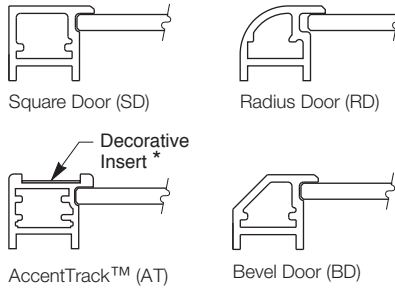
Unlike competitive units, Visuline incorporates a stainless steel continuous hinge that is completely concealed when the door is closed. Hinge location is determined by door size. Generally, if a door width exceeds 140% of its height, the unit will be top hinged. Side hinged doors typically hinge left with a right hinge configuration optional.

For top hinged doors, there are two types of support mechanisms: Prop-Rods or Gas Cylinder "Assists".

Smaller top hinged doors, weighing less than 30 lbs., are supported open approximately 60 degrees using "Prop-Rods". Rods are mechanically secured to directory cabinet and fold neatly behind all door shapes.

Gas Cylinder "Assists" are incorporated when top hinged doors exceed 30 lbs. The "GC" housing is necessary for attaching and concealing gas cylinders.

CAUTION: When specifying Visuline size, be mindful that a large unit will result in a heavy door. Stress will transfer to the mounting surface due to increased operating loads. Therefore, it is imperative that the surface be reinforced as necessary for function and safety. Consult APCO for any questions regarding mounting surface suitability.



Finishes

The following finishes are standard for extruded aluminum door profiles:

- Natural Satin Anodized
- 313 Dark Bronze Anodized
- 315 Black Anodized

Optional Door finishes include:

- Aluminum
 - Polished, Uncoated (APU)
 - Satin (Brushed), Clear Coated (ASC)

Acrylic Lacquer is used for Clear Coated finishes

Polyurethane paint is another optional finish. Standard colors are available or custom colors can be matched.

Glazing

Standard glazing is a clear, 1/4" thick, tempered safety glass which provides a maximum combination of strength, durability and personal protection. Visuline door frames protect the tempered glass by trapping the vulnerable edges.

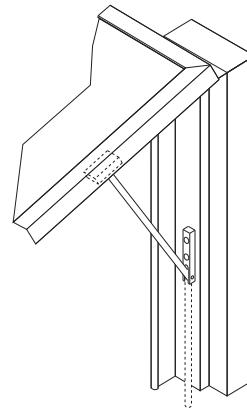
Glass in its natural form has a slight green tint and is typically unnoticeable, however, it may affect the display appearance of certain colors.

Composites (i.e. acrylic, lexan, etc.) are not recommended for use as glazing as these materials are not as strong as tempered glass, their surfaces are much more vulnerable to scratches, and their expansion properties enhance the imperfections of a surface that is already uneven and wavy.

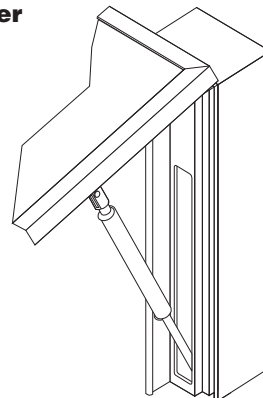
Etched Glazing

Messages or logos can be sandblasted directly into the glazing.

Prop-Rod



Gas Cylinder "Assists"



Door Shape	Nat.Sat.	Aluminum				Polyurethane Coated
		313	315	APU	ASC	
Square Door (SD)	•	•	•	•	•	•
Radius Door (RD)	•	•	•	•	•	•
Bevel Door (BD)	•	•	•	•	•	•
AccentTrack™ (AT)	•	•	•	n/a	n/a	•

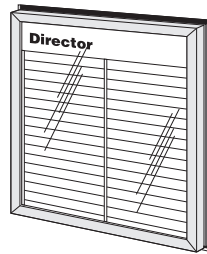
Aluminum doors with glass, weigh approximately 3-1/2 lbs. per square foot.

Reveals

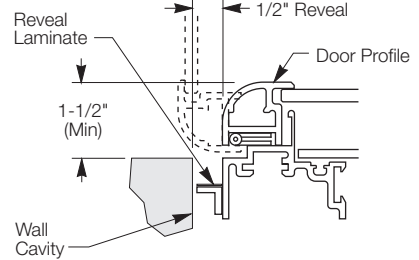
Semi-Recessed Reveals

In a Semi-Recessed application, the cabinet mounts into a finished opening with minimal installation clearance. A 1/2" wide decorative reveal is mechanically fastened to the cabinet and is used to offset the dimensional variance between the cabinet housing and the wall cavity. For the door to operate properly, the directory protrudes a minimum 1-1/2" from the surrounding wall surface.

Semi-Recessed Directory



Reveal - Semi-Recessed Display



Full Recessed Reveals

In a Full Recessed application, a 1" wide by 1-1/2" deep reveal is mechanically fastened to the cabinet for proper door operation. This space is continuous around the cabinet perimeter for a uniform appearance.

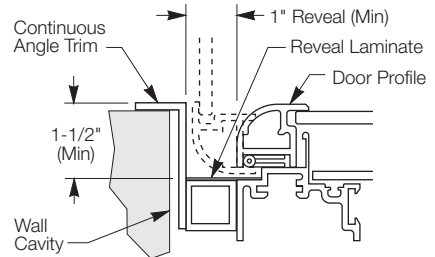
Full Recessed Directory



Continuous Angle Trim is provided as a standard and is attached to the reveal's outer surfaces. The trim conceals cavity variances (i.e. rough edges, out-of-square cavities, etc.) reducing the need to finish the cavity opening and returns.

Standard Continuous Angle Trim

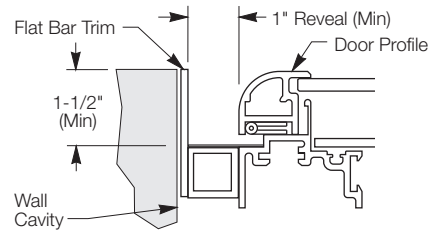
Full Recessed Display



Flat Bar Trim can be used to replace the Continuous Angle if desired, or the trim can be eliminated all together. It will be important, however, that the 1" perimeter reveal be maintained and the cavity size be specified accordingly.

Optional Flat Bar Trim

Full Recessed Display



Finishes

The following finishes are standard for reveal cladding and decorative trim:

- Natural Satin Anodized
- 313 Dark Bronze Anodized
- 315 Black Anodized

Optional Reveal and Trim finishes include:
Aluminum

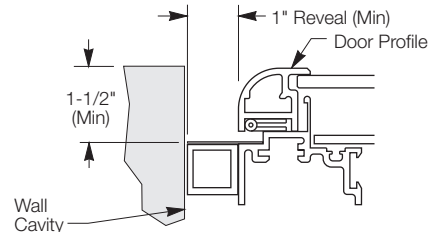
- Polished, Uncoated (APU)
- Satin (Brushed), Clear Coated (ASC)

Acrylic Lacquer is used for Clear Coated finishes

Polyurethane paint is another optional finish. Standard colors are available or custom colors can be matched.

Optional "No Trim"

Full Recessed Display



Select from three types of door locking devices. The chart at the bottom of the page shows which locks are applicable to each Visuline mounting configuration.

Dual Lock

All doors are secured with 3M's aggressive Dual Lock Fastener located in various places between the door profile and cabinet housing.

Plunger Lock

In addition to the standard (3M) Dual Lock Fastener, some models can be equipped with conventional exposed keyed locks.

Optional Conventional keyed Plunger Locks are offered on Surface Mounted, Pedestal and Post Mounted modules only. Top hinged modules wider than 48" will contain two locks. As a standard, each lock is keyed alike.

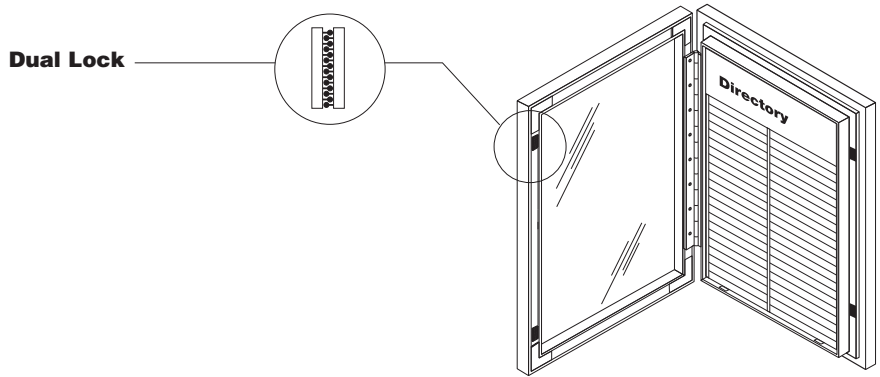
Directories mounted at angles (ie. Pedestal and Console units) with a Gas Cylinder "Assisted" door will require mechanical lock(s) to assure door remains closed. Units under 48" in width will be equipped with one lock. Those exceeding 48" will contain two locks.

Plunger Locks are installed during directory fabrication. Should a lock fail, it can be replaced in the field.

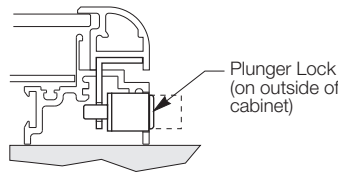
Cam Lock

As an option to the Plunger Lock, a conventional keyed Cam Lock is available for Post and Pedestal Mount modules. Cam Locks are the only conventional keyed locks available for Full Recessed directories.

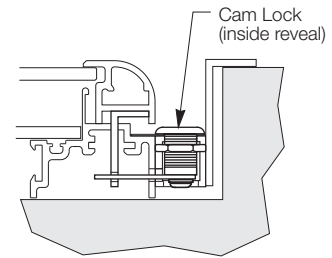
Cam Locks are installed during directory fabrication. Should a lock fail, replacement will require the Full Recessed directory to be removed from its installed location.



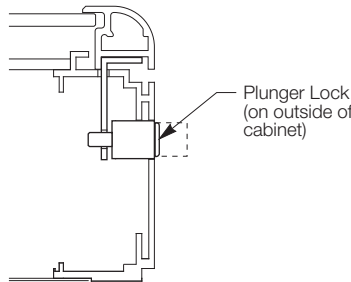
Plunger Lock
Surface Mount Display



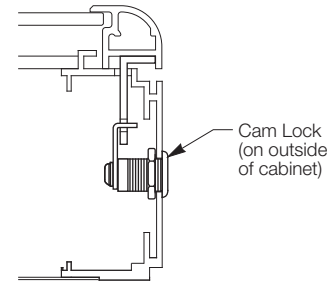
Cam Lock
Full Recessed Display



Plunger Lock
Pedestal & Post Mounts



Cam Lock
Pedestal & Post Mounts



Product Application

Mounting Configuration	(3M) Dual Lock	Keyed Plunger Lock	Keyed Cam Lock
Semi-Recessed	Included	n/a	n/a
Full Recessed	Include	n/a	•
Surface Mount	Included	•	•
Pedestal Mount	Included	•	•
Post Mount	Included	Top hinged	Side hinged
Console Mount	Included	n/a	•

Header Panels

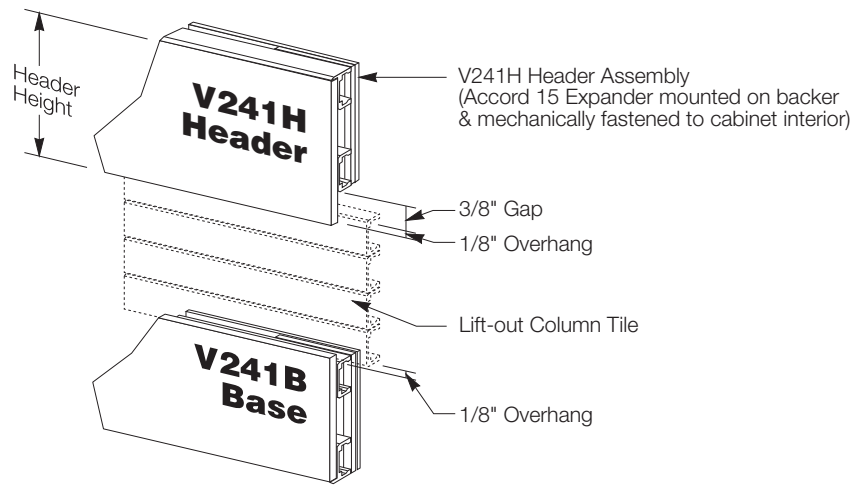
A header panel is included with all Visuline directory configurations.

Accord 15 directories include a mechanically fastened V241H Header panel assembly which spans the entire width of the display area. The header's changeable graphic panel face overhangs its supporting Accord 15 Expander components to capture the top of the lift-out column tiles. An optional V241B Base panel is also available or both can be omitted. Consult factory for details.

MS Directories include a full width, changeable acrylic header panel mounted to a common backer which fills the entire cabinet interior. The backer allows header/graphic panel(s) to be custom in width, height and location. Consult factory for details.

Standard header finish is a face-sprayed background color and face screened copy which can include any of APCO's hundreds of standard typestyles in the suggested formats shown.

V241H Header Construction Accord 15 Directories



V241B Base Construction (Optional) Accord 15 Directories

Header Formats



Left/Center (LC)



Center/Center (CC)



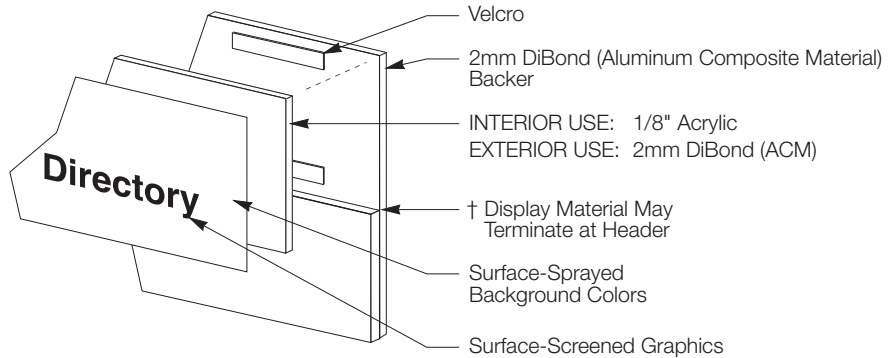
Right/Center (RC)

The header is optional with all display configurations. For custom graphics, the customer can provide digital or camera ready artwork, or APCO can generate the necessary material utilizing a vast array of computerized technology.

† Depending upon configuration, display material may terminate at the base of the header.

Header Construction

MS Directory, Maps, Plans, Magnetic Boards & Cork



Display Configuration

Header Material (Interior)

Header Material (Exterior)

2310 Series Directory		
MS Message Strips	Acrylic Sheet	Not Recommended
SBP Accord 15 Express ColorBand	V241H Expander (1/16" Acrylic face)	Not Recommended
SBP-CL Accord 15 Express ClearBand	V241H Expander (1/16" Acrylic face)	Not Recommended
SB-IS Accord 15 SignBand w/ Insert Slot	V241H Expander (1/16" Acrylic face)	Not Recommended
SB Accord 15 Aluminum SignBand	V241H Expander (1/16" Acrylic face)	V241H Expander (2mm DiBond face)
2320 Maps or Plans	1/8" Acrylic	2mm DiBond (aluminum composite material)
2330 Magnetic Bulletin Board	1/8" Acrylic	Not Recommended
2350 Cork Board	1/8" Acrylic	2mm DiBond (aluminum composite material)
Fabric Board	1/8" Acrylic	Not Recommended

When the specifier desires (or requires) a non-standard sized unit, there are unique conditions which need to be addressed prior to determining directory specifications.

New Conditions

Including Visuline displays in building construction documents is highly recommended. This specifies the surface(s) where the directories will be mounted, allows wall cavities to be sized to fit specific cabinets and denotes structural support requirements. Visulines in this section represent simple guidelines for common sizes.

Existing Conditions

Often, existing or unique architectural conditions determine directory specifications. For instance, a wall may be unrestricted with ample space for a large or small display. However, existing wall or stone panels may restrict the product's height. The required height may not be equivalent to any of the standard product heights shown. The custom size should be included in the specifications so that expensive field-modifications can be avoided.

Another example is the desire for a large capacity directory which may be limited to a small mounting surface area. In this case, APCO can help to determine the largest, most fully functional unit or offer possible options.

Sizing Directory to Cavity Opening

Because each is hand crafted, Visuline can be sized to fit virtually any existing cavity. Opening dimensions must be measured accurately. Inaccurate readings will result in a product that does not fit well within the wall cavity.

In an existing condition, measure the opening's height, width and depth. Assure the opening is squarely constructed by measuring diagonally from corner to corner. These two dimensions should be identical. The cavity depth confirms whether or not the mounting method is achievable. There must be ample space for product installation. (See separate Shop Drawings for recommendations)

IMPORTANT: If wall cavity opening does not contain adequate blocking to support the display, then additional structure must be added.

Custom Configurations

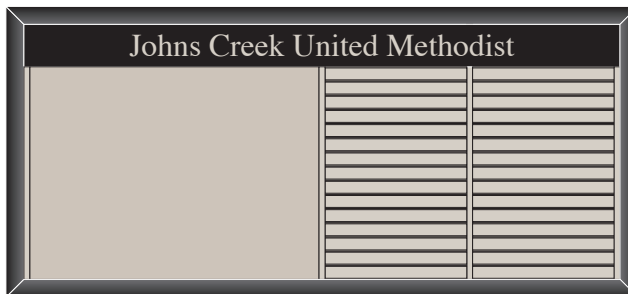
Visuline can display a combination of header(s), message strips, map(s), etc.

Once cabinet height and width has been established, display components can be determined. For Directory configurations, the message strip is commonly the first component specified.

Important: It is highly recommended that standard message widths be utilized as this will reduce errors when future component reorders are required.

Once the area required for message strips has been determined, header and/or graphic panel sizes can be specified. In certain conditions, the header and/or graphic panel size will determine message strip capacity.

Custom Display Configuration



Engineering Services

There are endless possibilities in which a Visuline can be configured. However, ERRORS associated with this product can be COSTLY. APCO can assist in calculating most every aspect of any Visuline product.

Pedestal & Post Mount



2300.4
Single Pedestal Mount

Consult Factory



2300.4
Double Pedestal Mount

Consult Factory.
Shop drawings available at www.apcosigns.com



2300.5
Double Post Mount
• Single Sided
• Double Sided
• 4" Posts
• 8" Posts

Consult Factory.
Shop drawings available at www.apcosigns.com