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Series 3000 Thermal MultiPlane Storefront - Center Set
2" x 4-1/2" w/ 1" Glazing - Elevation

September 2018
Series 3000 - Thermal MultiPlane - Center Set
Intermediate Horizontal - H0901

September 2018

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FG-3220 SETTING BLOCK (2) PER D.L.O.

FG-3144 GLASS STOP

FG-3197 HORIZONTAL

AC-119-1 SHEAR BLOCK (OPTIONAL) ATTACH TO HORIZ. W/ FS-6 (#10 X 3/4" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW TYP.

FG-1000-FP-2 WATER DIVERTER SET IN SEALANT

FG-1133 TYP.

D.L.O.

D.L.O.

D.L.O.

1"

2"

4 1/2"
Series 3000 - Thermal MultiPlane - Center Set
Sill Horizontal - H0903

1" GLAZING ON FG-3220 SETTING BLOCK

FG-3144 GLASS STOP
FG-3198 SILL

1/4" WEEP HOLES REQ'D @ MID-LITES

SHIM, BACKER ROD & SEALANT (BY OTHERS)

1/2" GLAZING ON FG-3220 SETTING BLOCK

FG-1133 TYP.

CONT. SEAL (BY OTHERS)

FG-3223 SILL FLASHING

AC-119-1 SHEAR BLOCK (OPTIONAL) ATTACH TO SILL W/ FS-6 (#10 X 3/4" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW

ANCHOR BOLT, CAP SEALED (BY OTHERS)

FG-3000- FP-15 SILL ANCHOR LOCATE NOT MORE THAN 4" FROM EACH SIDE OF MULLION

3/8" D.L.O.
2"
3/8"
1/2"

September 2018
Series 3000 - Thermal MultiPlane - Center Set
Sill Horizontal - H0910

1" GLAZING ON FG-3220
SETTING BLOCK

1/2" D.L.O.

5/16" WEEP HOLES @
MID-LITES

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

FG-3144
GLASS STOP

FG-3198
SILL

CONT. SEAL
(BY OTHERS)

AC-119-1 SHEAR
BLOCK (OPTIONAL)
ATTACH TO SILL W/
FS-9 (#14 X 1-1/2"
HH) ASS'Y SCREW

FG-3000-FP-78 END DAM
ATTACH TO SILL
FLASHING W/ (2) FS-320
DRIVE PINS

CONT. SEAL
(BY OTHERS)

FG-3413 SILL FLASHING

FG-1133
TYP.

ATTACH TO VERTICAL
W/ FS-6 (#10 X 3/4" PPH),
ATTACH TO VERTICAL
W/ FS-9 (#14 X 1-1/2"
HH) ASS'Y SCREW

FG-3000-FP-78 END DAM
ATTACH TO SILL
FLASHING W/ (2) FS-320
DRIVE PINS

CONT. SEAL
(BY OTHERS)

FG-3413 SILL FLASHING

FG-1133
TYP.
Series 3000 - Thermal MultiPlane - Center Set
Head Horizontal - H0912

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MO-244/MO-678 HEAD RECEPTORS W/ V-11 GASKETS
ANCHOR BOLTS (BY OTHERS)

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

FG-3495 HEAD

1/4" MIN. W/ FG-3223 SUBSILL
3/8" MIN. W/ FG-3413 SUBSILL

D.L.O.

FG-3000-FP-62 SHEAR BLOCK (OPTIONAL)
ATTACH TO HEAD W/ FS-6 (#10 X 3/4" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 x 1-1/2" HH)
ASS'Y SCREW

1" GLAZING

4 1/2"

1/4" MIN. W/ FG-3223 SUBSILL
3/8" MIN. W/ FG-3413 SUBSILL

MO-244/MO-678 HEAD RECEPTORS W/ V-11 GASKETS
ANCHOR BOLTS (BY OTHERS)

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

FG-3495 HEAD

1/4" MIN. W/ FG-3223 SUBSILL
3/8" MIN. W/ FG-3413 SUBSILL

D.L.O.

FG-3000-FP-62 SHEAR BLOCK (OPTIONAL)
ATTACH TO HEAD W/ FS-6 (#10 X 3/4" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 x 1-1/2" HH)
ASS'Y SCREW

1" GLAZING

4 1/2"
AC-119-1 SHEAR BLOCK (OPTIONAL) ATTACH TO HORIZ. W/ FS-6 (#10 X 3/4" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW

FG-1133 TYP.

FG-1000-FP-4/5 WATER DIVERTER SET IN SEALANT

FG-3210 GLASS STOP

FG-3221 SETTING BLOCK (2) PER D.L.O.

FG-3197 HORIZONTAL

1" GLAZING

4 1/2"

Series 3000 - Thermal MultiPlane - Center Set
Intermediate Horizontal - H0914
Series 3000 - Thermal MultiPlane - Center Set

Head Horizontal - H0915

Specifications:
- FG-3210 Glass Stop
- FG-1133 Type [TYP.]
- SHIM, Backer Rod & Sealant (BY OTHERS)
- Anchor Bolt (BY OTHERS)
- AC-119-1 Shear Block (Optional)
  - Attach to Head W/ FS-6 (#10 X 3/4" PPH), Attach to Vertical W/ FS-9 (#14 X 1-1/2" HH)
  - Assy'Y Screw
- FG-3198 Head
- FG-3198 Subsill 1/4" Min.
- FG-3198 Subsill 3/8" Min.
- 4 1/2" D.L.O.
- 4 1/2" Width
- FG-2122 Aluminum Filler
  - 4" Long @ Anchors, Run
- FG-2188 Vinyl Filler Between
- Access Hole
- FG-1133 TYP.
- 1" Glazing

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Series 3000 - Thermal MultiPlane
Sill Horizontal - H0916

1" GLAZING ON FG-3220
SETTING BLOCK
(2) PER D.L.O.

D.L.O.

FG-3495
SILL

2"

1/4" WEEP HOLES@ MID-LITES

SHIM, BACKER ROD & SEALANT (BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

FG-3223 SILL FLASHING

CONT. SEAL
(BY OTHERS)

FG-3000-FP-62 SHEAR BLOCK (OPTIONAL)
ATTACH TO SILL W/ FS-6 (#10 X 3/4" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW

4 1/2" GLAZING ON FG-3220
SETTING BLOCK

FG-1133 TYP.

ATTACH TO SILL W/ FS-6 (#10 X 3/4" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

LOCATE NO MORE THAN 4" FROM EACH SIDE OF MULL,
ATTACH W/ FS-6

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H0916-Sill
Series 3000 - Thermal MultiPlane - Center Set
Sill Horizontal - H0917

H0917-Sill-Option

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Series 3000 - Thermal MultiPlane - Center Set
Horizontal at Operable Window - H0919

FG-3144 GLASS STOP
FG-3197 HORIZONTAL
FG-3220 SETTING BLOCK (2) PER D.L.O.
FG-3126 ALUM. FILLER (STD)
AC-119-1 SHEAR BLOCK (OPTIONAL) ATTACH TO HORIZ. W/ FS-6 (#10 X 3/4" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH) ASS'Y SCREW

OPERABLE WINDOW
(GO TO WWW.OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS FOR THE MOST CURRENT DETAILS AND VENT OPTIONS)

FG-3218 PVC POCKET FILLER OPTION

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Series 3000 - Thermal MultiPlane - Center Set
Sidelite Base Horizontal - H0941
Series 3000 - Thermal MultiPlane - Center Set
Glass Options - H0948

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Note: Ref installation manual for additional splice & end dam info.
Series 3000 - Thermal MultiPlane - Center Set

Jamb Vertical - V0902

END DAM @ SILL FLASHING SET IN SEALANT (BY OTHERS)

ANCHOR BOLT (BY OTHERS)

FG-2122 ALUM. FILLER 4" LONG @ ANCHORS, RUN FG-2188 VINYL FILLER BETWEEN (OPTIONAL)

SHIM, BACKER ROD & SEALANT (BY OTHERS)

1/4"

2"

D.L.O.

FS-8(#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

FG-1133 TYP.

ACCESS HOLE

SEE HORIZ. FOR WATER DIVERTER INFO

1" GLAZING

4 1/2"

D.L.O.

SEE HORIZ. FOR WATER DIVERTER INFO
Series 3000 - Thermal MultiPlane - Center Set
Heavy Vertical - V0905

FG-3595

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

FG-1133 TYP.

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FG-3514 COMPOSITE FILLER

2"

D.L.O.

D.L.O.

D.L.O.

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V0905-Vertical-Heavy
FG-1133 TYP.

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

FG-3495

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FG-3514 COMPOSITE FILLER

D.L.O.  2"  D.L.O.

Series 3000 - Thermal MultiPlane - Center Set
Typical Vertical - V0906

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Series 3000 - Thermal MultiPlane - Center Set
Expansion Vertical - V0907

FG-1133 TYP.
FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.
FG-3328

FG-3329

CW-998 GASKET (FRONT & BACK)

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

2 1/4"

D.L.O.

D.L.O.

D.L.O.
Series 3000 - Thermal MultiPlane - Center Set
135° Outside Corner - V0910

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

FG-1133 TYP.

FG-3321 (BOTH SIDES)

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

1" GLAZING

2 3/8"

D.L.O.
Series 3000 - Thermal MultiPlane - Center Set
90° Outside Corner - V0911

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

ACCESS HOLE

FG-3214

FG-3215

FG-1133 TYP.

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

D.L.O.

4 1/2"

4 1/2"

D.L.O.
Series 3000 - Thermal MultiPlane - Center Set
90° Inside Corner - V0912

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SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FG-3215

ACCESS HOLE

FG-3214

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

4 1/2" D.L.O.

4 1/2" D.L.O.

D.L.O.

FG-1133 TYP.
Series 3000 - Thermal MultiPlane - Center Set

135° Inside Corner - V0914

FG-3321
(BOTH SIDES)

FG-1133 TYP.

FG-3322

2 3/8"

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

1" GLAZING

1/2" D.L.O.

1/2"

4 1/2"

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V0914-135-Inside-Corner
FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

FG-1133 TYP.

1" GLAZING

D.L.O.

FG-3215 (2)

4 1/2"

D.L.O.

Series 3000 - Thermal MultiPlane - Center Set
180° Post - V0915

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