### SERIES 3000 THERMAL MULTIPLANE STOREFRONT

2" X 4-1/2" / 1" GLAZING / MULTI SET

#### Elev-Series-3000-MP-MultiSet

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Series 3000 Thermal MultiPlane Storefront - Multi-Set
2" x 4-1/2" w/ 1" Glazing - Elevation
Series 3000 - Thermal MultiPlane - Center Set
Intermediate Horizontal - H0901

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

FG-3144 GLASS STOP

FG-3197 HORIZONTAL

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

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.

GLAZING

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

Head Horizontal - H0902

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Series 3000 - Thermal MultiPlane - Center Set
Sill Horizontal - H0903

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

SHIM, BACKER ROD & SEALANT (BY OTHERS)

ANCHOR BOLT, CAP SEALED (BY OTHERS)
FG-3000- FP-15 SILL ANCHOR
LOCATE NOT MORE THAN 4" FROM EACH SIDE OF MULLION

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

3/8"  3/8"  2"

D.L.O.

1" GLAZING ON FG-3220 SETTING BLOCK

FG-3144 GLASS STOP
FG-3198 SILL

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

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

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1" GLAZING ON FG-3220
SETTING BLOCK

FG-3144
GLASS STOP

D.L.O.

2"

FG-3198
SILL

CONT. SEAL
(BY OTHERS)

5/16" WEEP HOLES @ MID-LITES

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

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

FG-1133
TYP.

CONT. SEAL
(BY OTHERS)

FG-3413 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

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

CONT. SEAL
(BY OTHERS)

FG-3413 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

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

CONT. SEAL
(BY OTHERS)

FG-3413 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

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

CONT. SEAL
(BY OTHERS)

FG-3413 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
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-3197 HORIZONTAL

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

FG-1133
TYP.

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

FG-3210
GLASS STOP

GLAZING

Series 3000 - Thermal MultiPlane - Center Set
Intermediate Horizontal - H0914
Series 3000 - Thermal MultiPlane - Center Set
Head Horizontal - H0915

FG-3210 GLASS STOP

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

SHIM, BACKER ROD & SEALANT
(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)
ASS'Y SCREW

FG-3198 HEAD

ANCOR BOLT
(BY OTHERS)

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

ACCESS HOLE

1" GLAZING

4 1/2"

D.L.O.
Series 3000 - Thermal MultiPlane
Sill Horizontal - H0916

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

1/4" WEEP HOLES@ MID-LITES

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

CONT. SEAL
(BY OTHERS)

FG-3223 SILL FLASHING

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

FG-3000- FP-61 SILL
ANCHOR
LOCATE NO MORE THAN 4" FROM EACH SIDE OF MULL,
ATTACH W/ FS-6

FG-1133 TYP.

FG-3495 SILL

D.L.O.

2"

3/8"

3/8"
Series 3000 - Thermal MultiPlane - Center Set

Sill Horizontal - H0917

- FG-3495 SILL
- 1" GLAZING ON FG-3220 SETTING BLOCK
- FG-1133 TYP.
- 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-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

- 5/16" WEEP HOLES @ MID-LITES
- SHIM, BACKER ROD & SEALANT (BY OTHERS)
- ANCHOR BOLT, CAP SEALED (BY OTHERS)

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Series 3000 - Thermal MultiPlane - Front Set
Intermediate Horizontal - H4101

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HP-17 SETTING BLOCK
(2) PER D.L.O.

FG-3295
GLAZING BEAD

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

FG-3294
HORIZONTAL

FG-3000-FP-30 SHEAR
BLOCK (OPTIONAL)
ATTACH TO HORIZ. W/
FS-55 (#10 X 1/2" PPH),
ATTACH TO VERTICAL W/
FS-9 (#14 X 1-1/2" HH)

FG-1133 TYP.

1" GLAZING

FG-3284
FILLER

2"

D.L.O.
Series 3000 - Thermal MultiPlane - Front Set
Head - H4102

FG-2122 ALUM. FILLER 4" LONG @ ANCHORS, RUN FG-2188 VINYL FILLER BETWEEN ANCHOR BOLT (BY OTHERS) SHIM, BACKER ROD & SEALANT (BY OTHERS)

FG-3295 GLAZING BEAD

FG-3296 HEAD

ACCESS HOLE

FG-1133 TYP.

1" GLAZING

4 1/2"

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

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

D.L.O.

2"

FG-3000-FP-31 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)
Series 3000 - Thermal MultiPlane - Front Set

Sill Horizontal - H4103

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Series 3000 - Thermal MultiPlane - Front Set
Sill Horizontal - H4109

1" GLAZING ON FG-3278
SETTING BLOCK
(2) PER LITE

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

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

FG-3223 SILL FLASHING

FG-3000-FP-29 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)

CONT. SEAL
(BY OTHERS)

FG-3000-FP-27 SILL
ANCHOR
ATTACH W/ FS-6, (2)
PER ANCHOR
LOCATED NOT MORE
THAN 4" FROM EACH
SIDE OF MULLION

3/8"

D.L.O.

2"

3/8"

3/8"

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

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

FG-3280 SILL

FG-1133 TYP.

FG-3000- FP-29 SILL
ANCHOR
ATTACH W/ FS-6, (2)
PER ANCHOR
LOCATED NOT MORE
THAN 4" FROM EACH
SIDE OF MULLION

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

1" GLAZING ON FG-3278
SETTING BLOCK
(2) PER LITE

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

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)
Series 3000 - Thermal MultiPlane - Front Set
Intermediate Horizontal - H4114

1" GLAZING

FG-3293 HORIZONTAL

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

FG-1133 TYP.

FG-3290 GLASS STOP

HP-17 SETTING BLOCK (2) PER D.L.O.

FG-3000-FP-30 SHEAR BLOCK (OPTIONAL) ATTACH TO HORIZ. W/ FS-55 (#10 X 1/2" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH)

D.L.O.

2"

D.L.O.

D.L.O.

2"
FG-2122 ALUM. FILLER
4" LONG @ ANCHORS,
RUN FG-2188 VINYL
FILLER BETWEEN

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

FG-3000-FP-30 SHEAR
BLOCK (OPTIONAL)
ATTACH TO HEAD W/
FS-55 (#10 X 1/2" PPH),
ATTACH TO VERTICAL W/
FS-9 (#14 X 1-1/2" HH)

ACCESS
HOLE

FG-3291 HEAD

FG-1133 TYP.

1" GLAZING

FG-3290
GLASS STOP

4 1/2"

Series 3000 - Thermal MultiPlane - Front Set
Head - H4115

2"

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

D.L.O.
Series 3000 - Thermal MultiPlane - Back Set
Intermediate Horizontal - H4501
Series 3000 - Thermal MultiPlane - Back Set
Head - H4502

- Anchor Bolt, Cap Sealed (by others)
- FG-2122 Alum. Filler
  4" long @ anchors,
  run FG-2188 Vinyl Filler between

- FG-3000-FP-30 Shear Block (optional)
  Attach to head with FS-55 (#10 x 1/2" PPH),
  Attach to vertical with FS-9 (#14 x 1-1/2" HH)

- Access Hole

- FG-3291 Head

- FG-3290 Glass Stop

- FG-1133 Typ.

- Shim, Backer Rod & Sealant (by others)

- 2" D.L.O.

- 4 1/2" 1/4" min.
  3/8" min. w/ FG-3223 sill

- 4 1/2" 3/8" min. w/ FG-3413 sill

- 1" Glazing

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Series 3000 - Thermal MultiPlane - Back Set
Sill - H4503

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CONT. SEAL (BY OTHERS)
FG-3413 SILL FLASHING
FG-3000-FP-78 END DAM
ATTACH TO SILL FLASHING W/ (2) FS-320 DRIVE PINS
COSMETIC SEAL (OPTIONAL)

FG-3000-FP-29 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)

FG-3280 SILL
CONT. SEAL (BY OTHERS)

1" GLAZING ON FG-3278 SETTING BLOCK
FG-1133 TYP.

5/16" WEEP HOLES @ MID-LITES
SHIM, BACKER ROD & SEALANT (BY OTHERS)

3/8"
1/2"
2"
4 1/2"

ANCHOR BOLT, CAP SEALED (BY OTHERS)
Series 3000 - Thermal MultiPlane - Back Set
Sill Horizontal - H4509

- FG-3000-FP-29 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)
- FG-1133 TYP.
- FG-3223 SILL FLASHING
- FG-3000- FP-27 SILL ANCHOR
  ATTACH W/ FS-6, (2) PER ANCHOR
  LOCATED NOT MORE THAN 4" FROM EACH SIDE OF MULLION
- 1" GLAZING ON FG-3278 SETTING BLOCK (2) PER LITE
- CONT. SEAL (BY OTHERS)
- ANCHOR BOLT, CAP SEALED (BY OTHERS)
- SHIM, BACKER ROD & SEALANT (BY OTHERS)
- 1/4" WEEP HOLES @ MID-LITES
- 3/8" D.L.O.
- 2"
- 3/8"
Series 3000 - Thermal MultiPlane - Back Set
Intermediate Horizontal - H4514

FG-3295 GLAZING BEAD

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

FG-1133 TYP.

HP-17 SETTING BLOCK (2) PER D.L.O.

FG-3000-FP-30 SHEAR BLOCK (OPTIONAL) ATTACH TO HORIZ. W/ FS-55 (#10 X 1/2" PPH), ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH)

FG-3294 HORIZONTAL

FG-3284 FILLER

2" D.L.O.

1" GLAZING
Series 3000 - Thermal MultiPlane - Back Set  
Head - H4515
Series 3000 - Thermal MultiPlane - Front Set
Jamb - V4102

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

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

ANCHOR BOLT, CAP SEALED
(BY OTHERS)

BACKER ROD & SEALANT
(BY OTHERS)

ACCESS HOLE

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

FG-3280 JAMB

FG-1133 TYP.

SEE HORIZ. VIEW FOR
WATER DIVERTER INFO

1" GLAZING

1/4"
2"
D.L.O.
Series 3000 - Thermal MultiPlane - Multi-Set
Vertical - V4601

D.L.O.  2"  D.L.O.
Series 3000 - Thermal MultiPlane - Multi-Set
Vertical - V4604

FG-3281 MULLION

FG-3282 FILLER

FG-1133 TYP.

1" GLAZING

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

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

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Series 3000 - Thermal MultiPlane - Multi-Set
Vertical - V4605
Series 3000 - Thermal MultiPlane - Multi-Set
Vertical - V4606

1" GLAZING
FG-1133 TYP.

FG-3282 FILLER

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FG-3281 MULLION

4 1/2"

D.L.O.

2"

D.L.O.

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V4606-Vertical-BS-FS