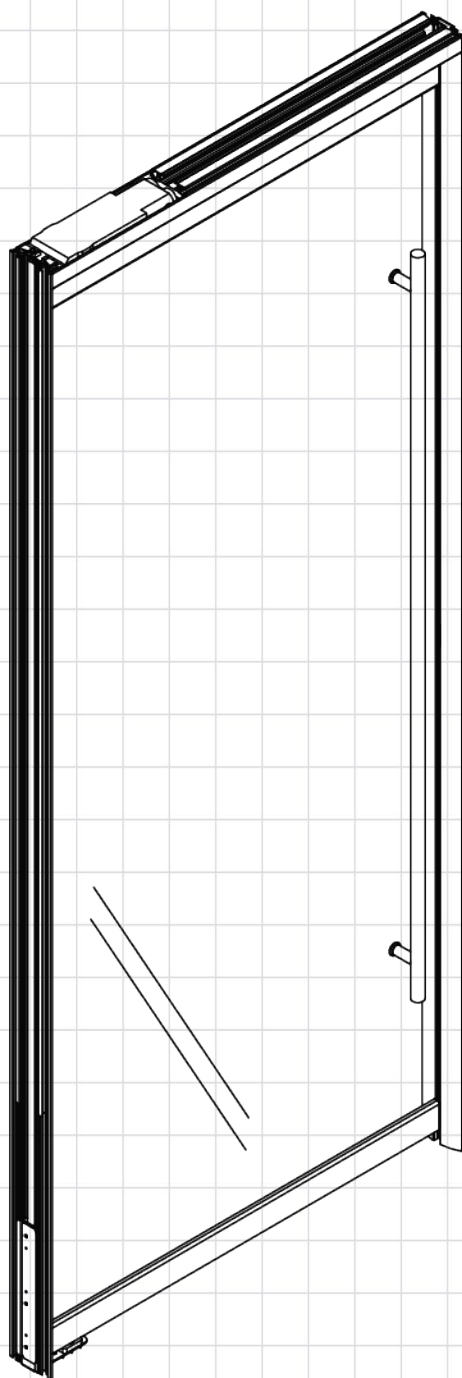
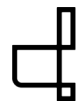


Frameless Glass Pivot Door

Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Door Frame

Architectural Grade and Structural Aluminum Alloys

Aluminum Finish Options

Clear Anodized (5 micron standard)

Powder Coated

Veneer Wrapped (Door frame ONLY – NO door components)

Custom as required

Door Rail Finishes as offered by CR Laurence

PVC COMPONENTS

Exposed Horizontal Muntin (aluminum extrusion) for Clerestory

Frame Connections

Rigid/Flex Co-extrusion

Ceiling Trim/Wall Start

Rigid/Flex Co-extrusion

PVC Color Options

Black, Charcoal, Silver

Custom as required

DOOR SEAL COMPONENTS

0.400" Poly Pile (Available in Black or Grey)

5 5/8" (143mm) strike plates

PVC Color options – as above in PVC components

DOOR GLASS COMPONENTS

Standard Tempered Glass 1/2" (12mm)—prepped to suit applicable hardware*

DOOR HARDWARE

NOTE: An asterisk (*) indicates items are to be sourced locally by DIRTT partner.

Option 1—Non-locking with Bar Pull

CR Laurence Top and Bottom Rails: DR2SSA12C (QTY 2)*

CR Laurence Bottom Pivot Insert: 1NT701 (QTY 1)*

CR Laurence Top Closer Insert: 1NT704 (QTY 1)*

Jackson Door Closer: 20-106m-20 (QTY 1) concealed within frame header, c/w 900 hold open function

CR Laurence Bottom Pivot: 1NT403 (QTY 1) mounted to DIRTT standard bottom Pivot assembly

DIRTT Bar Pulls as specified

Option 2—Floor Locking with Bar Pull

CR Laurence Top Rail: DR2SSA12C (QTY 1)*

CR Laurence Bottom Rail: DR2SSA12CL (QTY 1)*

CR Laurence Bottom Pivot Insert: 1NT701 (QTY 1)*

CR Laurence Top Closer Insert: 1NT704 (QTY 1)*

Jackson Door Closer: 20-106m-20 (QTY 1) concealed within frame header, c/w 900 hold open function

CR Laurence Lock Cylinder/Thumbturn: DRA5060SA (QTY 1)*

CR Laurence Bottom Pivot: 1NT403 (QTY 1)* mounted to floor

CR Laurence Dustproof Keeper: AMR208BN (QTY 1)* drilled and mounted in floor

Option 3—Lever Patch

CR Laurence Top and Bottom Rails: DR2SSA12C (QTY 2)*

CR Laurence Bottom Pivot Insert: 1NT701 (QTY 1)*

CR Laurence Top Closer Insert: 1NT704 (QTY 1)*

Jackson Door Closer: 20-106m-20 (QTY 1) concealed within frame header, c/w 900 hold open function

CR Laurence Bottom Pivot: 1NT403 (QTY 1) mounted to DIRTT standard bottom Pivot assembly

CR Laurence 6" x 10" DL Series Center Lock (QTY 1)* - lock function as specified

DIRTT standard mounting height for levers is 38" (965mm)

OPTIONAL DOOR HARDWARE

DIRTT Door Pulls

See separate DIRTT Pull specifications

See separate DIRTT Standard Pull Height

Magnetic Lock Option - consult DIRTT for details and pricing.

DIRTT Approved Custom Hardware (Supplied "By Others")



DIMENSIONS + DETAILS

ALUMINUM FRAME EXTRUSIONS

Standard Frame Width (Module)	40" (1016mm)
Double Door Frame Width (Module)	78 1/8" (1984mm)
Standard Ceiling Height	Up to 120" (3048mm)
Standard Frame Depth	4" (102mm)
Lower Pivot Plate	Locate to adjacent module or to floor depending on option selected
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Rail Thickness	1 1/2" (38mm)
Standard Door Width	37 7/8" (962mm)
Standard Clear Opening Width	34 1/16" (865mm)
Maximum Door Height	Up to 108" (2743mm) See CRL
Door Height Adjustment	Door sized to relative door opening
Standard Top Horizontal	2 5/16" (59mm)
Standard Bottom Horizontal	2 5/16" (59mm)
Double Door Clear Opening Width	
1 door open	34 11/16" (881mm)
2 doors open	69 1/8" (1756mm)
Maximum Door Weight	205lbs (93kg) See CRL

FRAME CONNECTIONS

(DIRTT Wall and/or drywall to frame)

Hidden Links	Frame alignment and gap control
Visible PVC Connectors	At frame connection between the door frame and the adjacent frame

TRIM COMPONENTS

Ceiling Trim	Flexible trim from top of wall to ceiling
Wall Trim	Rigid connection from door frame to base building; combined with flexible wall trim

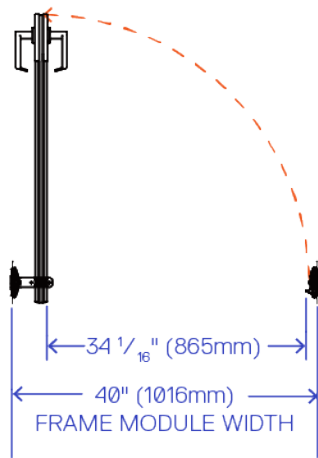
OTHER OPTIONS

Glass or Solid Transom over door (door frame option)t

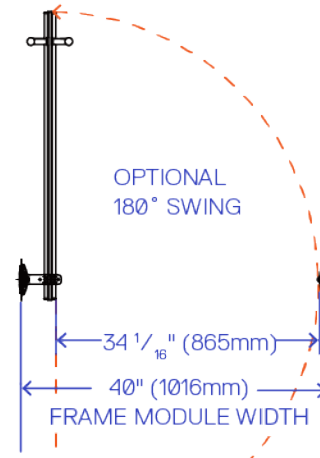
NOTE: DIRTT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that alternate sizes are allowable based on application. Any modification to door size must be reviewed and validated to ensure final solution is compliant to the applicable code.



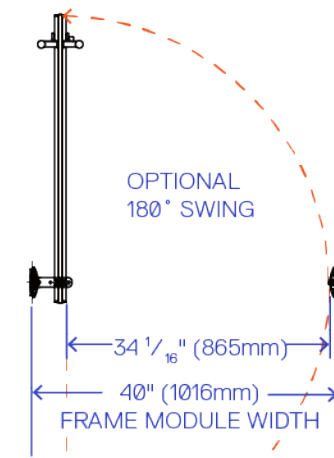
CLEARANCE—SINGLE DOOR



FRAMELESS GLASS PIVOT DOOR
LEVER PATCH



FRAMELESS GLASS PIVOT DOOR
NON-LOCKING

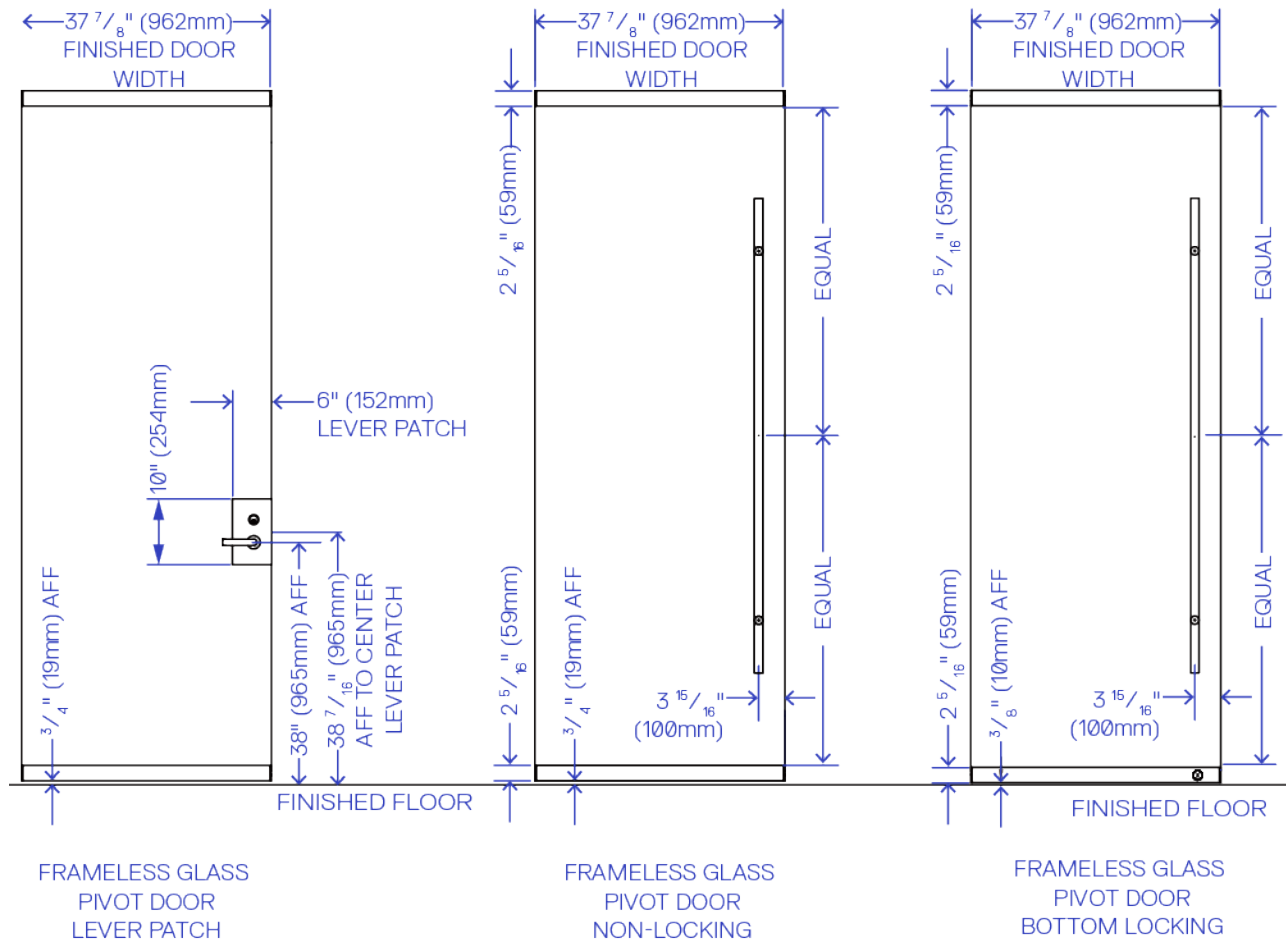


FRAMELESS GLASS PIVOT DOOR
BOTTOM LOCKING



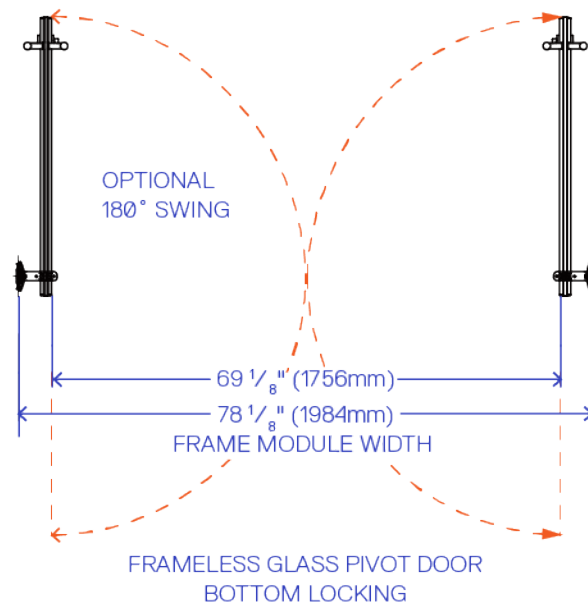
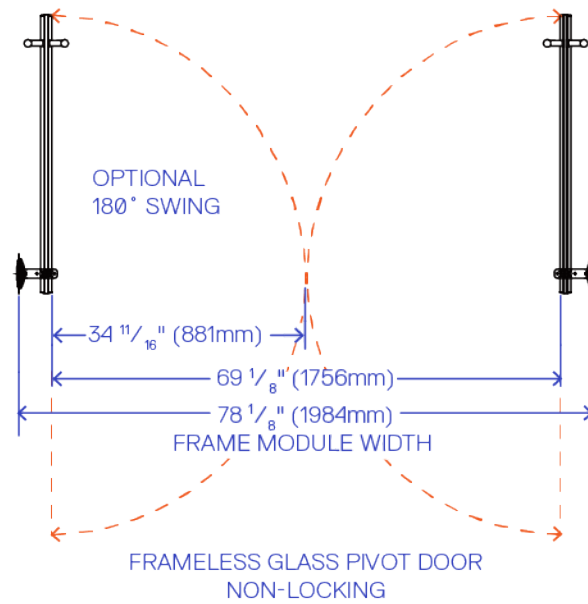
ELEVATION VIEW—SINGLE DOOR

[Not To Scale (NTS)]





CLEARANCE—DOUBLE DOOR





ELEVATION VIEW—SINGLE DOOR

[Not To Scale (NTS)]

