

CEILING/FLOOR

SEE TYPICAL
INSTALL CABLE

INTERMEDIATE

52"
(1320.8mm)

55"
(1397mm)

This technical drawing illustrates a typical balcony mount. It shows a cross-section of the mounting system with labels for 'CEILING/FLOOR', 'SEE TYPICAL INSTALL CABLE', and 'INTERMEDIATE'. Dimensions are provided for the width of the mounting system, with a central section of 52" (1320.8mm) and a total width of 55" (1397mm). The drawing includes a break symbol in the center of the ceiling/floor line.

CEILING/FLOOR

V- SPACER BRACKET
INSTALLED BETWEEN
COLUMN AND FLOORING
STUD

INTERMEDIATE

52"
(1320.8mm)
OUTSIDE
DIAMETER
OF
ELEVATOR

55"
[1397mm]
FINISHED
OPENING
DIAMETER

Doc.No.A003-001 Rev. A Rev. date: 08-01-2019
NOTES

BALCONY CABLE INSTALLATION

3/4 MIN
1 1/2 MAX

1 2

CABLE END

3

1/8"

HOLD SPACER AS WIRE IS PUSHED IN

BE SURE CONE IS TIGHTENED FULLY BEFORE TENSIONING

5 6 5 4 7

ROTATE WITH WRENCH

HOLD WITH WRENCH

BALCONY TENSIONER TURNBUCKLE

1/4"-28 Right Hand Thread

1/4"-28 Left Hand Thread

11in
Extended Length

7.5in
Retracted Length

4.438in

0.25in

180deg Pivot Each End

0.25in



EXAMPLE INSTALLATION

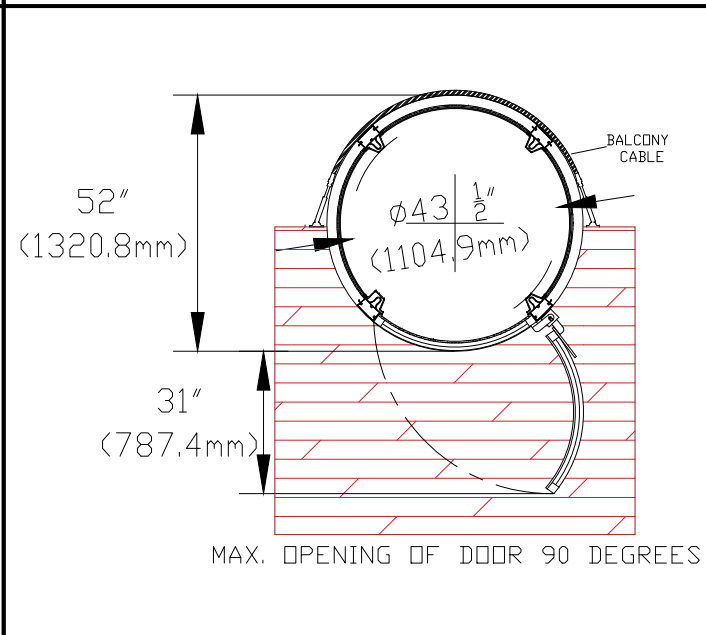
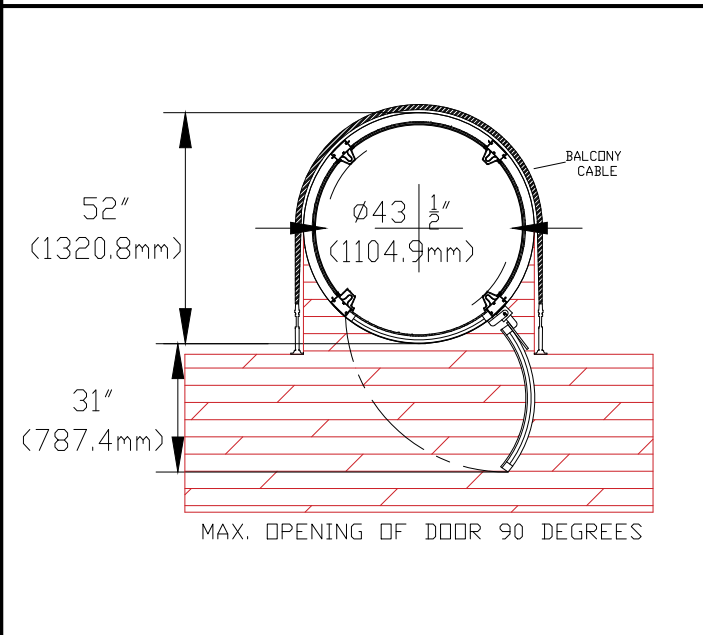
52"
(1320.8mm)
OUTSIDE
DIAMETER

31"
(787.4mm)

Ø43 ½"
(1104.9mm)

54"
(1371.6mm)
FINISHED
OPENING
DIAMETER

MAX. OPENING OF DOOR 90 DEGREES



REVISION AND PRINT RECORD			
REV. BY	DESCRIPTION	DATE	FOR
R.L	INITIAL LAYOUT	12/18/19	MARKET
LC	VIEW AND FINISHED OPENING UPDATED	05/12/25	REV1

TOLERANCES UNLESS OTHERWISE SPECIFIED	
1" (1.00)	25.4 MM OR LESS $\pm 1/32$ (0.03) .793 MM
OVER 1" (1.00)	25.4 MM LESS THAN 12" (12.00) 304.80 MM $\pm 1/16$ (0.0625) .159 MM
OVER 12" (12.00)	304.80 MM LESS THAN 60" (60.00) 1524 MM $\pm 1/8$ (2.55) .318 MM
OVER 60" (60.00)	1524 MM TO 120" (120.00) 3048 MM $\pm 1/4$ (25.5) 6.35 MM

PNEUMATIC
VACUUM ELEVATORS LLC
12602 NW 115th AVE. MEDLEY, FL. 33187
(305) 884-1091 Fax (305) 884-1092



ELEVATOR

JOB NAME: BALCONY EXAMPLES

LOCATION: 12602 NW 115th AVE. MEDLEY, FL. 33187
SCALE : NTS

CHECKED BY: J.C.	RELEASED BY:
CUSTOMER#: XX	P. ORDER #: XX