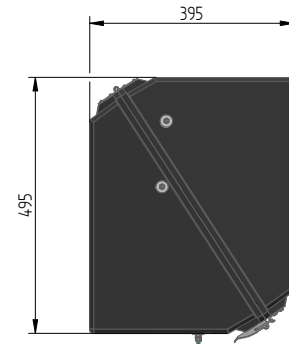
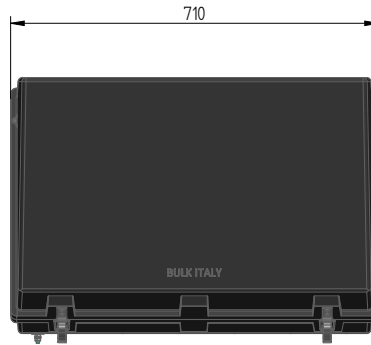
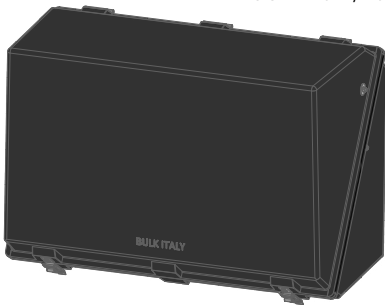


**MODEL: 700N1**ATEX 2014-34-UE
CU TR 012/2011**Technical characteristics**

- Instrument protection enclosure made in hot pressed GRP (Glassfibre Reinforced Polyester)
- Antistatic material (surface resistance \leq of $10^9 \Omega$)
- External dimension in mm:
710 (width) x 395 (depth) x 495 (height)
- Minimum thickness 5 mm
- Hinges, clasps and lid propstay made in stainless steel
- Gasket made in EPDM or Silicone
- Working temperature range:
EPDM gasket: $-40^\circ\text{C} + 100^\circ\text{C}$
SILICONE gasket: $-60^\circ\text{C} + 100^\circ\text{C}$
- Black color

Protection degree

- IP 66 construction
- IK10 construction in according to EN 62262:2002
- Positively tested to Impact test at -60°C
CEI EN 60811-506

Resistant to most corrosive types of environments

- UV resistant in according to EN 60079
- Positively tested Sand and Dust
Procedure II - Blowing sand in according to MIL-STD-810G METHOD 510.5
- Positively tested to Salt Mist Corrosion
- Positively tested in wind tunnel up to 160 km/h

Hardly inflammable and self-extinguishing

- "V-0" classification in according to UL 94 June 2009
- Determination of burning behavior by oxygen index in according to UNI EN ISO 4589-2: 30,5% Oxygen Index
- Classification of fire behavior in according to DIN 4102-1:1998: CLASS B2

Conformity to hazardous area directive:

- ATEX 2014-34-UE
II 2G Ex h IIC T6 ..T3 Gb X
II 2D Ex h IIIC T85°C..T200°C Db X
- CU TR 012/2011
II Gb IIC T*X
III Db IIIC T*°C X

IMPORTANT NOTE: EX certifications cover only the enclosure, any product installed inside must be certified for hazardous area

Options/accessories:

- window in safety glass
- thermal insulation
- electrical heater and thermostat
- junction box
- shrinkable
- louvres
- cable gland
- grommet
- bulkhead union
- capillary entry
- TAG label
- lockable door
- drain device



bulk

MADE IN ITALY

GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

HOW TO ORDER:

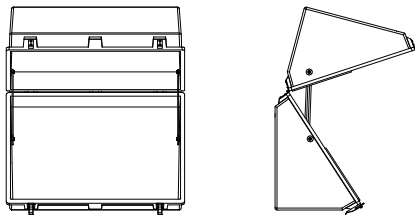
ENCLOSURE SERIE	GASKET TYPE	MATERIAL	WINDOW	INSULATION	TYPICAL ASSEMBLY	MOUNTING BRACKET MATERIAL	CERTIFICATION
70	0: EPDM (MIN. -40 °C)	N: GRP ANTISTATIC BLACK	1: WITHOUT WINDOW	C: INSULATED	SELECT FROM BELOW	A: ZINC-COATED STEEL	A: ATEX
	1: SILICONE (MIN. -60°C)	(*)		S: NOT INSULATED		B: AISI 316	D: EAC CU TR 012/2011 COMPLIANCE
						C: NOT REQUIRED	

(*) Other colours available on request

EXAMPLE: 700N1S017AA

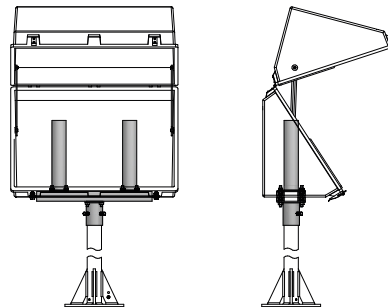
ENCLOSURE SERIE 70 NOT INSULATED WITH WINDOW, MATERIAL GRP ANTISTATIC BLACK C/W EPDM GASKET, DOUBLE INTERNAL AND SINGLE EXTERNAL ZINC-COATED STEEL MOUNTING PLATE FOR 2" PIPESTAND, ATEX CERTIFIED

TYPICAL ASSEMBLY 000



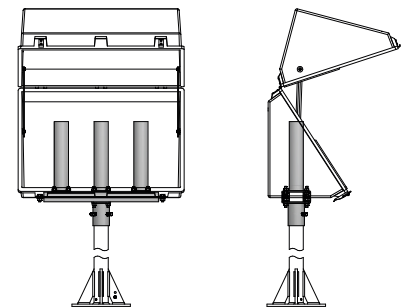
Without mounting brackets

TYPICAL ASSEMBLY 017



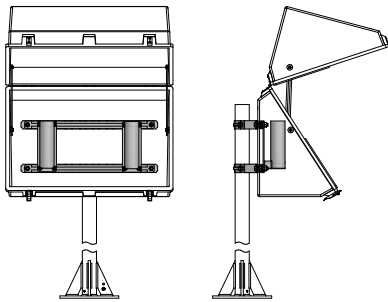
External bracket placed on the bottom side for 2" pipe stand
Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 027



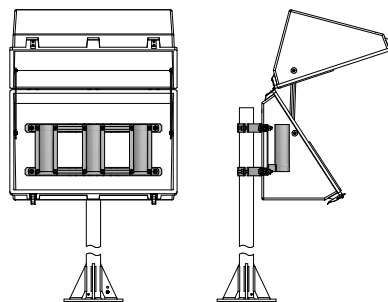
External bracket placed on the bottom side for 2" pipe stand
Triple internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 037



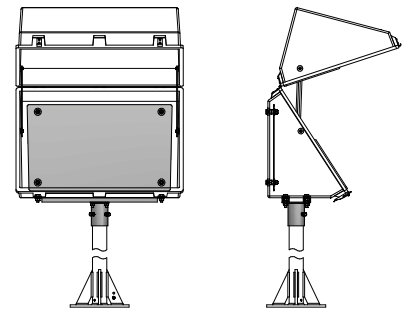
External bracket placed on the bottom side for 2" pipe stand
Double internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 047



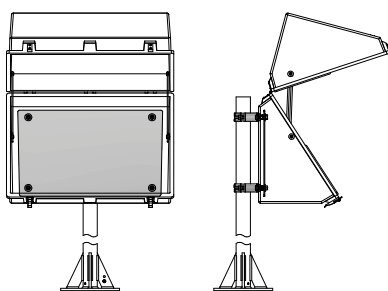
External bracket placed on the rear side for 2" pipe stand
Triple internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 057



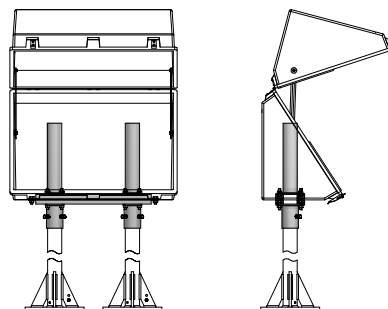
External bracket placed on the bottom side for 2" pipe stand
Internal plate placed on the rear side

TYPICAL ASSEMBLY 067



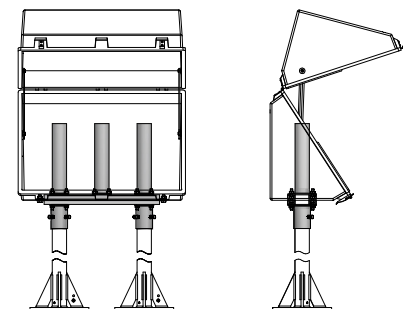
External bracket placed on the rear side for 2" pipe stand
Internal plate placed on the rear side

TYPICAL ASSEMBLY 077



Double external bracket placed on the bottom side for 2" pipe stand
Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 087

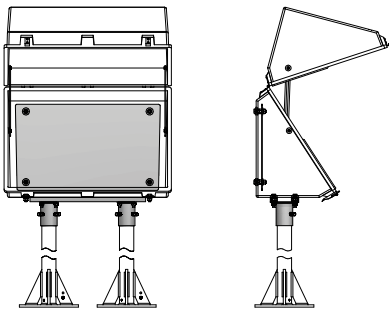


Double external bracket placed on the bottom side for 2" pipe stand
Triple internal 2" vertical pillar placed on the bottom side

700N1 SERIE IEN



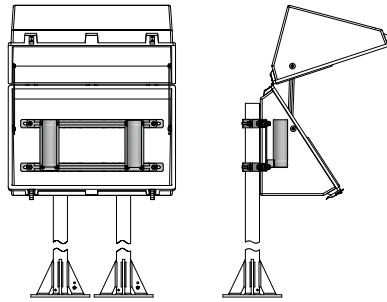
TYPICAL ASSEMBLY 097



Double external bracket placed on the bottom side for 2" pipe stand

Internal plate placed on the rear side

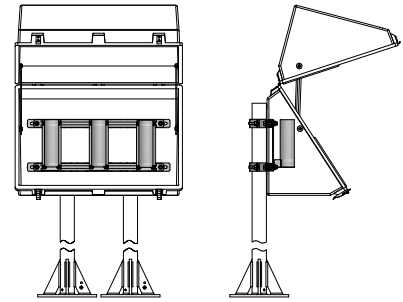
TYPICAL ASSEMBLY 107



Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side

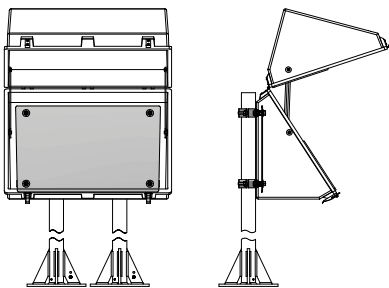
TYPICAL ASSEMBLY 117



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the rear side

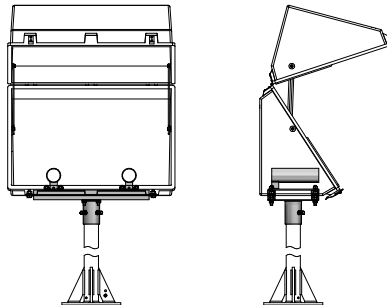
TYPICAL ASSEMBLY 127



External bracket placed on rear side for 2" pipe stand

Internal plate placed on the rear side

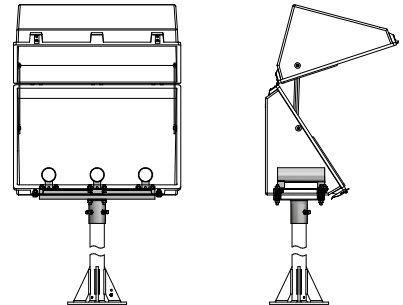
TYPICAL ASSEMBLY 137



External bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

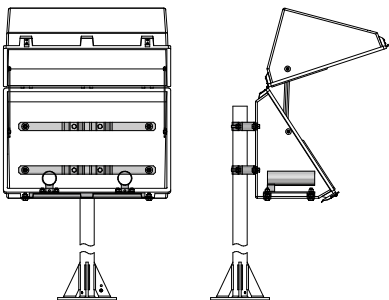
TYPICAL ASSEMBLY 147



External bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

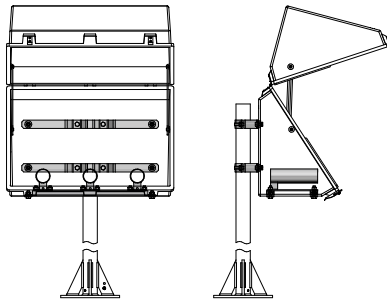
TYPICAL ASSEMBLY 157



External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

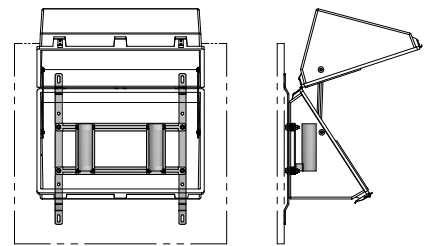
TYPICAL ASSEMBLY 167



External bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

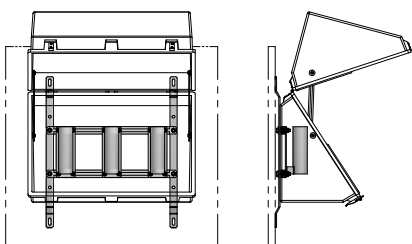
TYPICAL ASSEMBLY 177



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

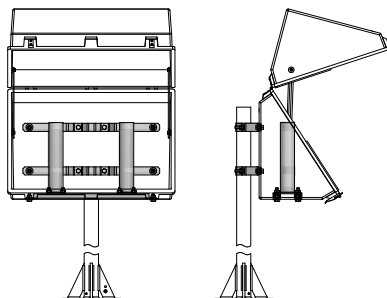
TYPICAL ASSEMBLY 187



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

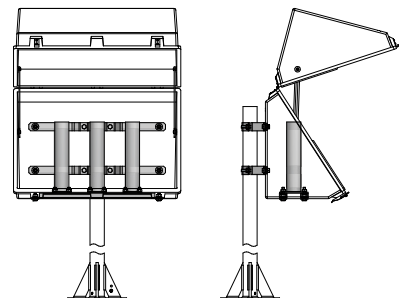
TYPICAL ASSEMBLY 197



External bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 207



External bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side



bulk

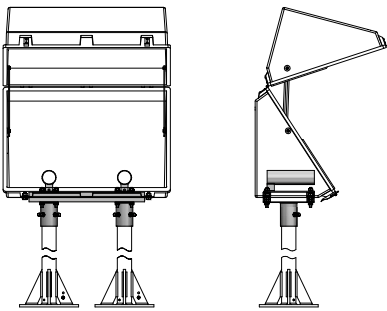
MADE IN ITALY

GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

700NT SERIE IEN

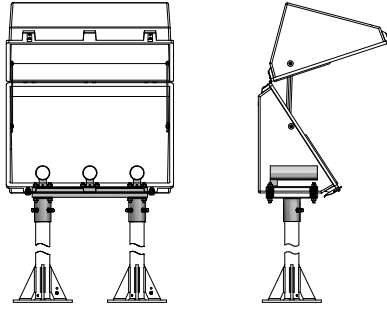
TYPICAL ASSEMBLY 217



Double external bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

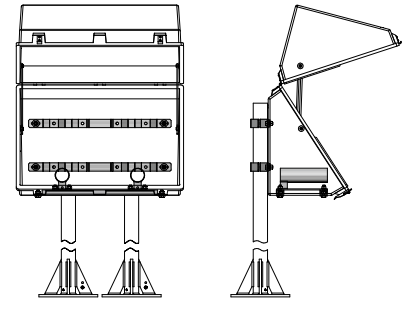
TYPICAL ASSEMBLY 227



Double external bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

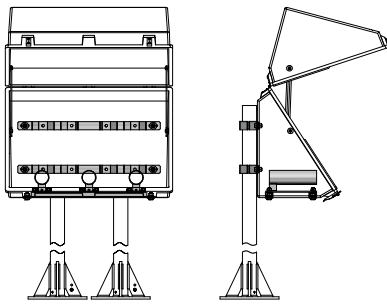
TYPICAL ASSEMBLY 237



External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

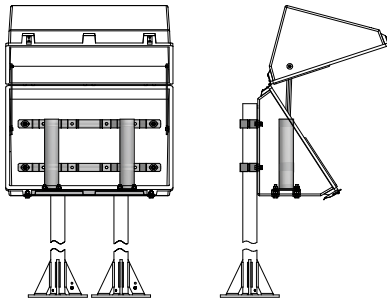
TYPICAL ASSEMBLY 247



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

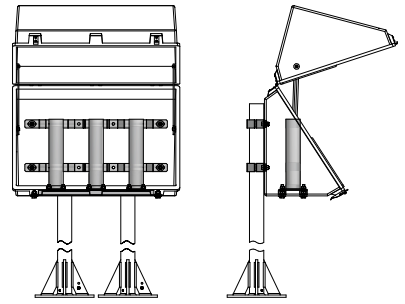
TYPICAL ASSEMBLY 257



Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

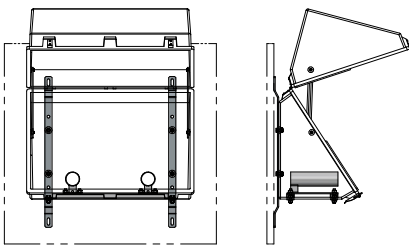
TYPICAL ASSEMBLY 267



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side

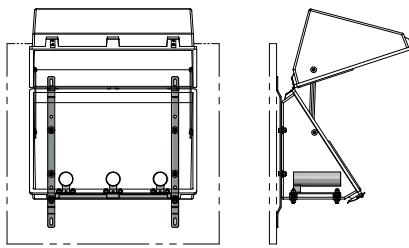
TYPICAL ASSEMBLY 277



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

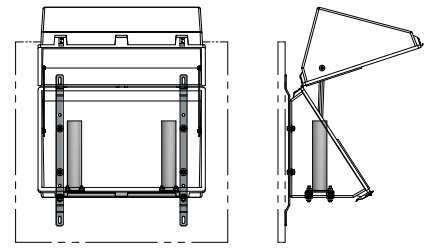
TYPICAL ASSEMBLY 287



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

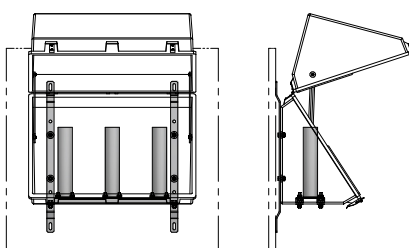
TYPICAL ASSEMBLY 297



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

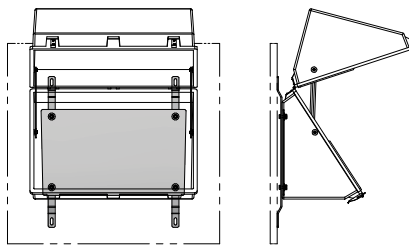
TYPICAL ASSEMBLY 307



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

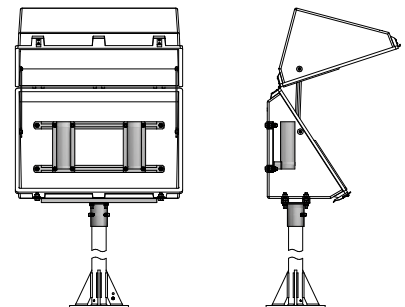
TYPICAL ASSEMBLY 317



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side

TYPICAL ASSEMBLY 327

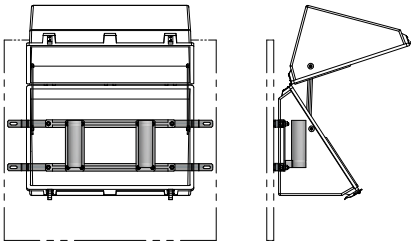


External bracket placed on the bottom side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side



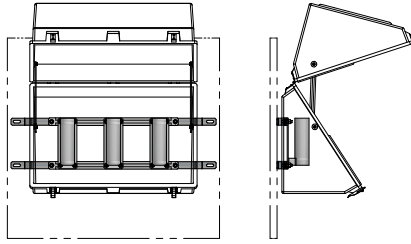
TYPICAL ASSEMBLY 337



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

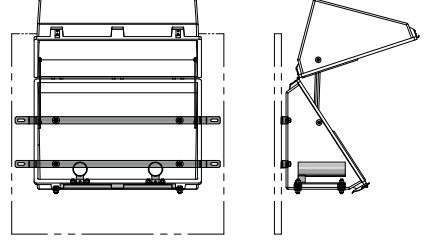
TYPICAL ASSEMBLY 347



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

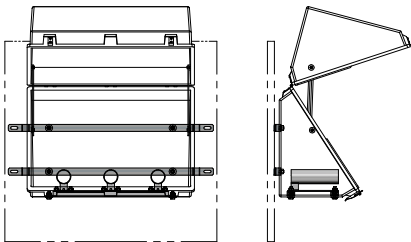
TYPICAL ASSEMBLY 357



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

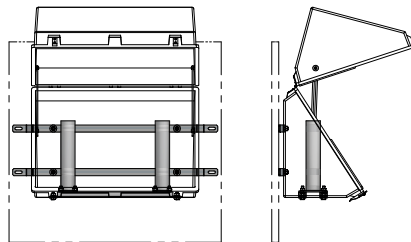
TYPICAL ASSEMBLY 367



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

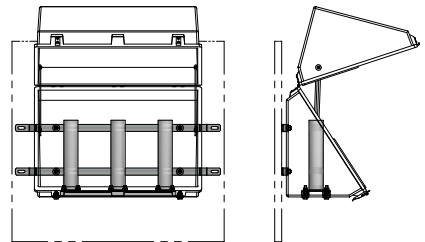
TYPICAL ASSEMBLY 377



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

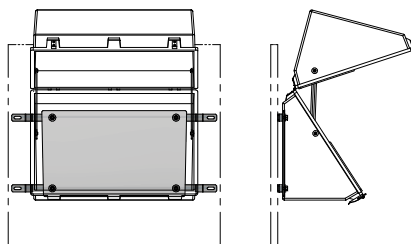
TYPICAL ASSEMBLY 387



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 397



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side