

# Non-Metallic Enclosures for the Industrial and Electronic Industries

## Features

- Complete range of 7 cabinets from 12" x 8" up to 40" x 32"
- Cabinet material: halogen-free, hot moulded, self-extinguishing, fiber-glass reinforced polyester
- Internal three-point closing system with one-point entry
- Furnished with four threaded studs and bolts for mounting plate or mounting frame installation
- Door bosses for front panel mounts
- Cabinets are maintenance free and corrosion resistant
- Integrated rain shield
- Temperature resistance -58° F to +302° F
- Momentary to 392° F
- Seamless, polyurethane gasket in molded door edge channel
- ¼ turn Handle

## Standards

- IEC 60439-1
- IEC 60529
- EN 60439-1
- EN 60529
- EN 50298

## Approvals

- UL Listed types: 3, 3R, 3S, 4, 4X, 12 and 13 per UL 508
- CSA Listed types: 2, 3, 3R, 3S, 4, 4X, 12 and 13
- AS Listed types: 3132 - 1991
- CE Listed



## Applications

Contoured body provides an attractive and contemporary appearance that can be used as:

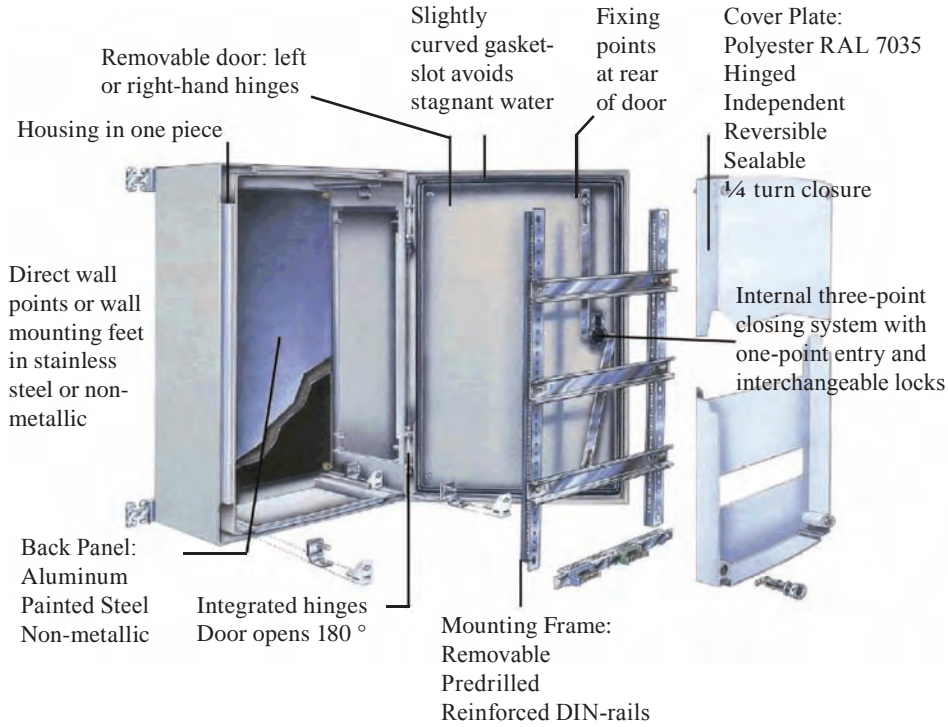
- Insulated electrical junction boxes
- Terminal wiring boxes
- Instrument housings
- Housings for electrical controls in wet, dusty and corrosive environments

Ideal for high performance applications in:

- Heavy Industry - Paper Mills, Mining Sites, Steel Mills, Lumber Production, Oil & Gas Refineries, Chemical Plants
- Food Processing, Alimentation and Brewing Industries
- Waste-water Treatment, Water Purification and Car Washes
- Public Lighting, Traffic Control and Signalization
- Marine, Shipyards and Offshore Oil Production Platforms
- Pumping, Grinding, Purification and Conveying Systems

# Vynckier Enclosure Systems, Inc.

ARIA SERIES



## Assessories

- Back panels
- Hinged non-metallic dead front panel
- DIN rail mounting system
- Wall mounting brackets
- Print pocket
- Locking handle
- Ventilators



- Patented door-lifter ensures that the door will take it's center position when closed
- Ergonomic closing mechanism – standard with slotted ¼ turn latch reduces closing force by 25%
- Multiple locking systems are available
- Self-adhesive rain-shield is included with each cabinet
- Easy to customise: Punching, milling, sawing, filing, drilling
- Optional gasketed or bonded windows are available
- New easy to install hinged aluminum front panel is available



Base Models	Outside Dimensions			Inside Dimensions			Weight lb (kg)	Back Plates in (mm)
	H	W	D	H	W	D		
AN1208 (mm)	12.40 (315)	8.46 (215)	6.69 (170)	10.83 (275)	6.69 (170)	5.83 (148)	5.25 (2.4)	9.84 x 5.91 (250 x 150)
AN1612 (mm)	16.34 (415)	12.40 (315)	6.69 (170)	14.76 (375)	10.63 (270)	5.83 (148)	8.12 (3.7)	13.78 x 9.84 (350 x 250)
AN2016 (mm)	20.28 (515)	16.34 (415)	9.06 (230)	18.70 (475)	14.57 (370)	8.11 (206)	14.13 (6.4)	17.72 x 13.78 (450 x 350)
AN2416 (mm)	24.21 (615)	16.34 (415)	9.06 (230)	22.64 (575)	14.57 (370)	8.11 (206)	16.11 (7.3)	21.65 x 13.78 (550 x 350)
AN2820 (mm)	28.94 (735)	21.06 (535)	10.63 (270)	26.57 (675)	18.50 (470)	9.68 (246)	26.23 (11.9)	25.98 x 17.72 (660 x 450)
AN3325 (mm)	32.87 (835)	25.00 (635)	11.81 (300)	30.51 (775)	22.44 (570)	10.86 (276)	35.76 (16.2)	29.53 x 21.65 (750 x 550)
AN4032 (mm)	40.75 (1035)	32.87 (835)	11.81 (300)	38.39 (975)	30.31 (770)	10.86 (276)	51.00 (23.1)	37.40 x 29.53 (950 x 750)