

OVERVIEW

The RNC-600 manhole is deployed in buried telecommunications and other utility infrastructure complementary to blown fibre cable applications. It is modular to achieve flat-stack packaging. The manhole chamber is cylindrical to maximise strength and internal space utilisation. It features a split entry design, to accommodate drop-in installation over existing ducts of various diameters. All its components are manufactured in a quality assured factory, certified to ISO 9001.

The chamber incorporate a mechanical locking mechanism and is available with a feature enabling unique identification and automated GPS positioning of its location. Fibre cable and slack are stored orderly, allowing for additional cables to be added during the lifespan of the chamber.

An electronic locking solution and an IoT environmental sensor are available optionally, to remotely manage access to the manhole and to monitor the environment inside it and receive alarms when pre-determined levels of vibration/impact and light are exceeded.

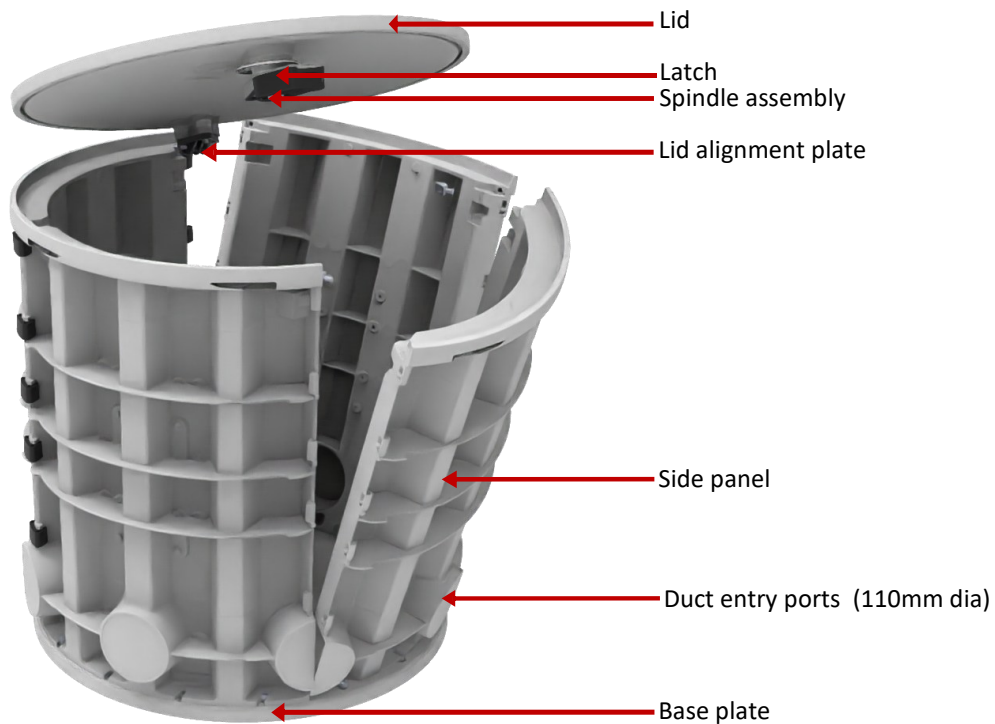


TECHNICAL INFORMATION

MATERIALS	
Lid, frame, side panels and base plate	UV stabilised glass reinforced polyester (GRP) in sheet moulded (SMC) format; 30% glass fibre content
Latch and alignment plate	Thermoplastic
Assembly clips	ABS plastic
All metal components and fasteners	Stainless steel 304
STANDARDS	
	SANS 1882 Medium Duty, EN124 Class B125 & ANSI/SCTE —TIER 15 (TIER 22—Dependent on date of manufacturing)
ACCESS CONTROL: Standard	Mechanical locking and opening mechanism
ACCESS CONTROL: Optional	Access controlled mechatronic lock
COVER	
	Raised non-slip pattern (100% of surface area), branded
DUCT & SLEEVE ENTRY PORTS	
	8 off 110mm (4.33 in.) diameter, normally sealed with knock-out section
MASS	
	32kg (70.55 Lbs), fully assembled (Max mass of any single component: <7kg (15.4 Lbs))
PRIMARY DIMENSIONS	
	Daylight opening: 600mm (32.62 in.), Chamber depth: 685mm (26.97 in.)
WARRANTY	
	15 years manufacturer's warranty

EXPANDED VIEW AND ACCESSORIES

Components



Split 180 deg duct ports



Fibre management



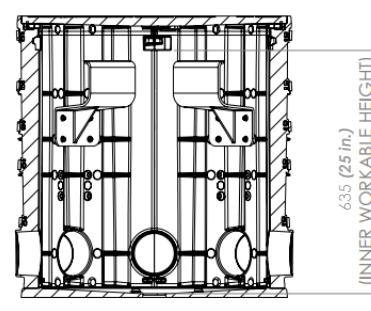
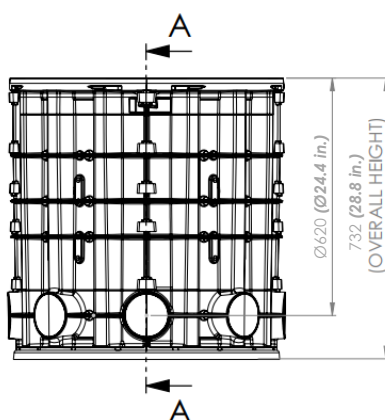
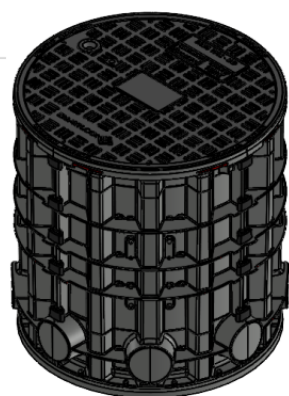
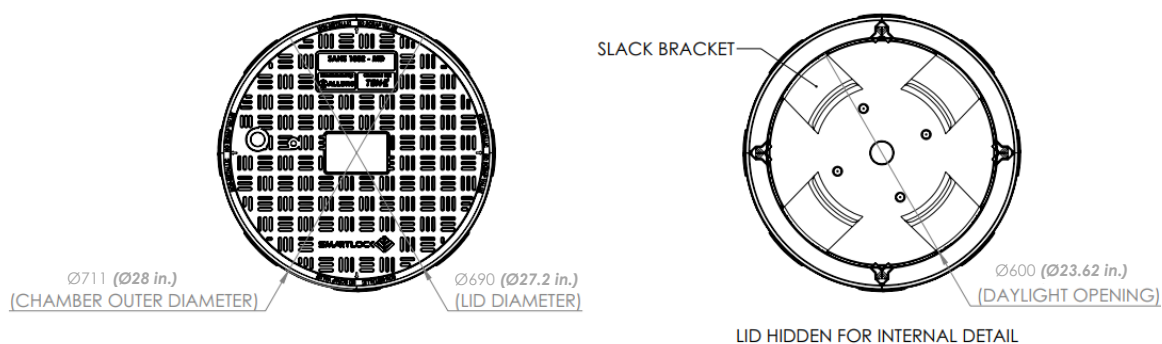
Slack bracket (4x per manhole)



Compression seals



TECHNICAL DRAWING: STANDARD UNIT



SECTION A-A