

OVERVIEW

The Rhi-Node 400 chamber is deployed in underground telecommunications and other utility infrastructure; often complementary to blown fibre cable applications. It is modular to achieve flat-stack packaging. The chamber is circular at its top and square at its bottom to maximise strength and internal space utilisation. All its components are manufactured in a quality assured factory, certified to ISO 9001.

The lid and frame of 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, above the ducts to ensure that the duct entries, remain unobstructed, allowing for additional cables to be added during the lifespan of the chamber.



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

Load bearing and impact strength	ANSI/SCTE 77—TIER 8
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ACCESS CONTROL

Standard	Coded mechanical locking and opening mechanism
Optional	Access controlled mechatronic lock using Smartkey

LID	Raised non-slip pattern (65% of surface area), branded
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DUCT & SLEEVE ENTRY PORTS	8 off 2" diameter, split design, sealed by means of end-caps with knock-out
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MASS	17.7lb, fully assembled
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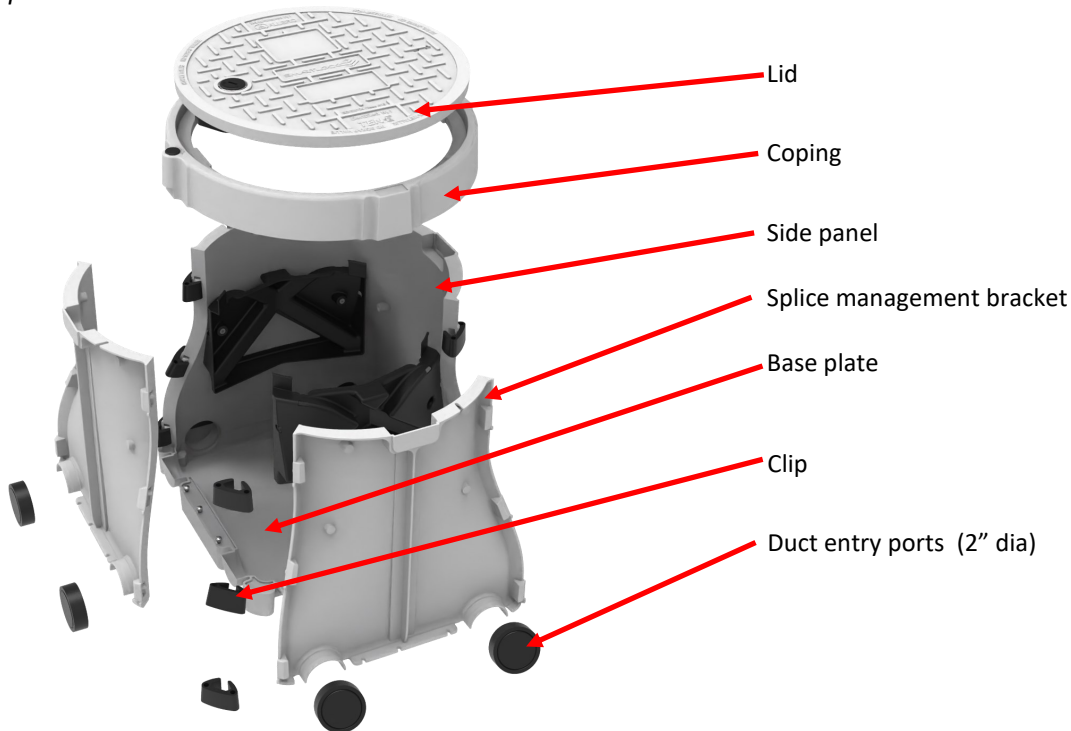
PRIMARY DIMENSIONS	Daylight opening: 12.2", chamber depth: 15.75"
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WARRANTY	15 years manufacturer's warranty
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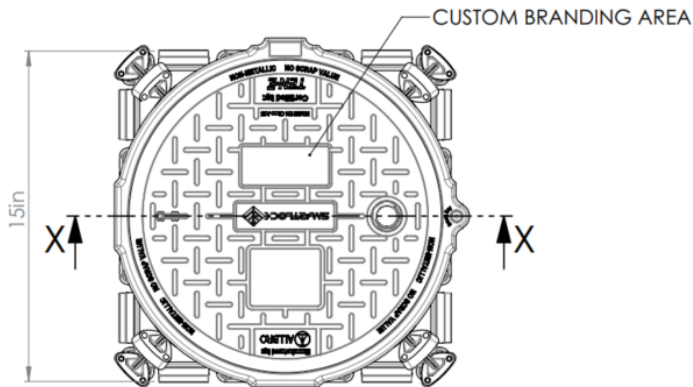
OPTIONAL VARIATIONS AND ACCESSORIES

- RFID tag
- Expansion side panels to increase depth to 23.62"
- Combi-boots for various duct configurations, water-tight panels and base, and sealed joints

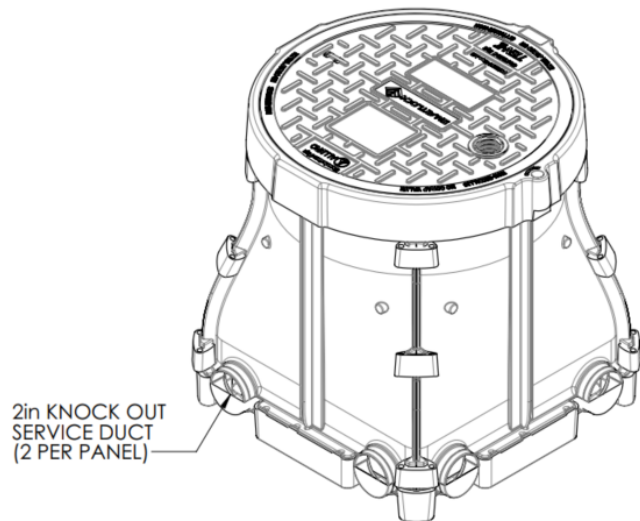
Components



TOP VIEW



ISOMETRIC VIEW



FRONT VIEW SECTION X-X

