

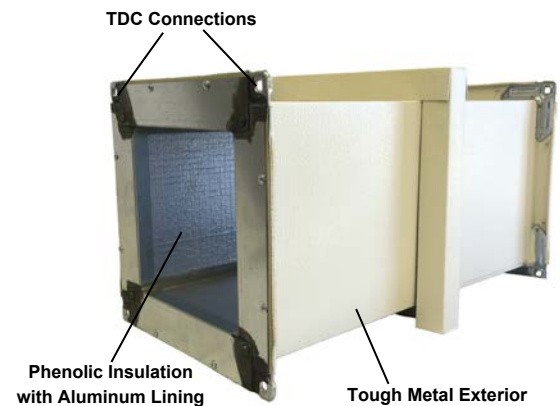
Pro-R Rectangle: Outdoor Applications

Pro-R is a pre-assembled, pre-insulated, lightweight, and high performance duct solution for outdoor and indoor applications available in four product offerings: Pro-R Rectangle as well as Round, Specialty, and Indoor. Our efficient and easy-to-install ductwork is preferred by engineers and contractors alike. Pro-R duct solutions provide superior thermal performance and durability to improve overall indoor air quality and energy savings while reducing install times and eliminating costly repairs.

Patented Pro-R Rectangle, ideal for the majority of applications, combines a tough metal exterior with an efficient phenolic insulation that is autohesively bonded with an aluminum FSK liner.

✔ Durable

- Extremely durable, UV-stable 0.040" (18 gauge) Kynar finish embossed aluminum metal cladding
- Tough construction built to withstand the elements and harsh environments
- Integrated flanges reinforce duct strength with significantly lower leakage
- Designed static pressure up to +10" to -10" w.g.



✔ Pre-Insulated

- Lightweight, fiber-free closed-cell phenolic insulation wrapped in a tough metal exterior
- Available in R-values from R-6 to R-25
- Eliminates need for insulator
- Interior aluminum lining provides a smooth, clean surface for air to pass over



✔ Efficient

- Low air leakage and high R-values provides reduced energy costs
- Lighter weight provides labor savings and faster installation vs. traditional galvanized duct



✔ Installation Benefits

- Lightweight, familiar design streamlines labor
- No taping, caulking, or gluing required
- Utilizes industry standard TDC connections
- Schedule year-round installations even in extreme climates

Pro-R Rectangle is a pre-insulated duct solution suitable for outdoor and indoor applications.

Pro-R Rectangle: Specification and Technical Data



Thermal Performance

- Available in R-values from R-6 to R-25
- Near-zero air leakage saves energy, enables more efficient HVAC operation
- Utilizes UL181 / UL723 listed KoolDuct closed-cell phenolic Class 1 Duct System
- Fiber-free insulation for improved IAQ
- Built to SMACNA Standards
- Meets NFPA 90A / 90B
- Better than 25 / 50 flame and smoke spread (ASTM E84)

Superior Exterior

- Long-life, durable, weatherproof pre-finished embossed aluminum metal cladding.
- Strong exterior withstands rugged outdoor and indoor environments
- Long product life
- Over 20 color options available

Applications

- Outdoors and rooftops
- Mechanical rooms
- Shafts
- High-traffic spaces
- Exposed areas
- 10-year limited warranty

How We've Evolved Ductwork

In the past heavy galvanized duct was physically demanding on installers, putting them at risk of injury. Air and moisture leakage resulted in poor insulation, mold and inefficient HVAC operations. Eventually substitute materials emerged, such as venture clad tape and vinyl cladding.



These options, however do not withstand the rigor of exterior and interior environments.

They also put more pressure on the building's HVAC system and increase energy costs when they fail.



With over 55 years of experience of ductwork fabrication, Pro-R has disrupted the industry. We saw the disadvantages of various duct materials and set out to create a durable, long-lasting product that will ensure the integrity of efficient ductwork for years to come.

Our pre-insulated solutions are built to last while weighing in at 50 to 60% lighter on average than standard ductwork.

Contact our team today to review your project needs, request a quote or learn more about our Pro-R Rectangle, Round, Specialty, and Indoor products.

651-265-0605
info@ductsandcleats.com
www.prorduct.com

