



Pro-R Indoor Duct

Lightweight. Efficient. Easy-to-Install.

Pro-R Indoor: Interior 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 Indoor, as well as Rectangle, Round, and Specialty. Our efficient and easy-to-install ductwork is preferred by engineers and contractors alike. Pro-R duct solutions provide superior thermal performance and low leakage to improve overall indoor air quality and energy savings while reducing install times and eliminating costly repairs.

Pro-R Indoor is a lightweight, pre-insulated phenolic duct solution that utilizes KoolDuct allows for an all-in-one SMACNA approved duct and insulation solution.

✓ Pre-Insulated

- Lightweight Kingspan KoolDuct closed-cell phenolic Class 1 Duct System
- Delivers high R-values from R-6 to R-12
- No insulation contractor needed
- Fiber-free insulation exposure improves IAQ

✓ Efficient

- Low air leakage reduces energy use and costs (better than SMACNA class 3)
- Thermally efficient phenolic insulation is only 7/8" thick for an R-6 value, vs. fiberglass at 1.5"

✓ Long-life

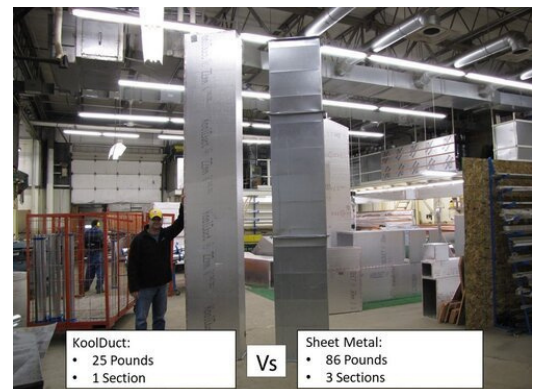
- Long-life duct solution
- Innovative solution ideal for mechanical rooms, attics, shafts, and hard-to-reach interior spaces, concealed areas and other indoor environments.
- Flanges reinforce duct strength with significantly lower leakage

✓ Installation Benefits

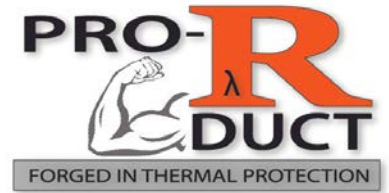
- Extremely lightweight (up to 72% less than traditional ductwork)
- Features a familiar industry-standard connections (4 bolt, TDC, or tiger clips)
- No caulking, or gluing required
- 13 ft. duct sections reduce installation time



Pro-R Indoor is a lightweight phenolic duct solution suitable for interior applications.



Pro-R Indoor: Specification and Technical Data



Thermal Performance

- Closed-cell phenolic insulation available in R-6 to R-12
- Near-zero air leakage saves energy, enables more efficient HVAC operation Utilizes UL181 / UL723 listed KoolDuct closed-cell, fiber-free phenolic insulation
- Fiber-free insulation for improved IAQ SMACNA Class 1 Duct System
- Meets NFPA 90A / 90B
- Better than 25 / 50 flame and smoke spread (ASTM E84)

Added Benefits

- Designed static pressure -3 to +6 w.g.
- Pre-assembled duct and fittings with double gasket connection
- Incredible fire and smoke performance Can contribute to LEED points from USGBC
- ISO 9001 consistent quality and performance

Applications

- Indoors & mechanical rooms
- Attics
- Shafts
- Hard-to-reach, tight 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.

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