

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 Double Wall. 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 both KoolDuct and an enhanced reinforced version for higher static pressure applications.



Pre-Insulated

- Lightweight Kingspan KoolDuct closed-cell phenolic insulation delivers high R-values from R-6 to R-24
- Minimize moisture, damage, and thermal loss
- Fiber-free insulation exposure improves IAQ



Efficient

- Low thermal leakage improves energy savings, reduces overall carbon footprint
- Lightweight construction provides labor savings and faster installation



Long-life

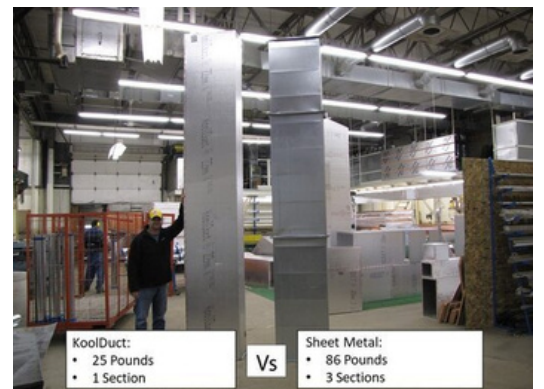
- Long-life duct solution
- Innovative solution ideal for mechanical rooms, attics, shafts, and hard-to-reach interior spaces, concealed areas and other indoor environments.
- Flanges reinforce duct strength with significantly lower leakage

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



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: Specification and Technical Data



Thermal Performance

- Closed-cell phenolic insulation available in R-6 to R-24
- Near-zero air leakage saves energy, enables more efficient HVAC operation
- Utilizes UL181 listed KoolDuct closed-cell, fiber-free phenolic insulation
- Fiber-free insulation for improved IAQ
- Exceeds SMACNA Class 1 HVAC Duct Construction Standards

Added Benefits

- Designed static pressure -10 to +10 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

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 exterior.

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.



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, Double Wall and Indoor products.

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