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### Product Description

The Kingspan KoolDuct<sup>#</sup> System is an advanced and innovative high performance pre-insulated ductwork system comprising up to 4m long ductwork sections fabricated from CFC/HCFC-free rigid phenolic insulation panels with aluminium surfaces available in silver or black. It is particularly suitable for high specification projects that require durable materials to perform in moisture and hygiene controlled environments.

#### Kingspan **KoolDuct**<sup>®</sup> System vs. PIR

The Australian HVAC industry has been introduced to a number of PIR (polyisocyanurate) insulated ductwork products from both Asia and Europe that claim to deliver all the same benefits as the Kingspan KoolDuct<sup>®</sup> System. The reality is that in addition to key differences in the insulation core, there are some critical differences to consider when comparing the Kingspan KoolDuct<sup>®</sup> System to a PIR alternative.

## Are you really comparing apples with apples?

		Kingspan KoolDuct	FIN Alternative
PRODUCT PERFORMANCE			
'Four Zero' Fire Performance	AS 1530.3	V	?
Fire Test Certification	UL 723	V	×
Fire Test Certification	UL 181 - Class 1	V	×
Fire Test Certification	AS 4254: 2002	V	×
Smoke Obscuration	<5%	V	?
System Working Pressure (Continuous)	Max 1000pa	V	?
Compressive Strength at 10% compression	200kpa	V	?
Mean Air Velocity (Max)	20 m/s / 4000fpm	V	?
Air Leakage Rating (System to SMACNA - Class 3)	<1%	V	×
Product Life Span	25+ years	V	×







# **CUP : Natural power**













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# Technology: terminal AC unit









- Fan coil unit
- Cassette type unit
- Chilled beam unit







