

BUILDING
COMPLIANT
FIRE RETARDANT
FOAM

PREMIUM
QUALITY
AUSTRALIAN
COPPER

SPECIFIED
FOR
R410A

TOUGHER
13mm FOAM

PREMIUM FIRE RETARDANT PAIR COIL

Kembla PairCoilMAX™

provides a premium solution to Australian air conditioning, heating and refrigeration challenges.

 **KEMBLA**

PairCoilMAX™

- Exceeds building code fire safety specifications
- More energy efficient
- Reduced condensation
- Easy to install
- Long-life expectancy
- Suitable for all 400 series refrigerants
- Trade Quality



PairCoilMAX™ Specification:

Physical Dimensions

Size (imp)	Kembla Part No.	Copper Tube Dimensions (mm)	Length (meters)	Carton Size (mm)	Total Pack Weight (kgs)
1/4" x 3/8"	G99615	6.35 x 0.81 - 9.52 x 0.81	20	720 x 720 x 170	10.7
1/4" x 1/2"	G99625	6.35 x 0.81 - 12.70 x 0.81	20	720 x 720 x 170	12.4
3/8" x 5/8"	G99655	9.52 x 0.81 - 15.88 x 1.02	20	760 x 760 x 220	18.2

Safe Working Pressure (kPa)

Size	Ambient Temperature		
	50°C	65°C	75°C
1/4" x 3/8"	6,800	6,105	5,640
1/4" x 1/2"	4,995	4,480	4,140
3/8" x 5/8"	5,030	4,515	4,170

Insulation Properties

Material	Highly flexible 13mm paired tubular closed cell elastomeric nitrile foam rubber
Thermal Conductivity	0.036 W/m.K
Thermal resistance	R = 0.30
Water Absorption	0.0029 g/100cm ²
Vapour Barrier	>4,500μ
Mildew Resistance	No fungal growth
Acoustic Insulation	Effective to 30db(A)
Working Temperature Range	-50°C - +105°C

Fire Performance

Spread of Flame Index	0	"Tested in accordance with the requirements of AS/NZS 1530.3:1999 Exceeds the fire safety specification C1.10 of the Building Code of Australia for <u>all</u> building classes."
Smoke Developed index	3	

Environmental Credentials

PairCoilMAX™	Lower thermal conductivity than competing products giving increased system efficiency, higher energy savings and CO ₂ reduction.
Copper Tube	Manufactured in Australia from Australian copper ore, minimizing "carbon miles." Specified for high pressure, low Ozone Depletion (ODP) refrigerant gasses.
Insulation Foam	Made from natural rubber. Environmentally safe manufacturing processes with Zero Ozone Depletion (ODP) and Zero Global Warming Potential (GWP). Low Volatile Organic Compounds (VOC) providing a safer installed environment.

Caution:

Product data, design details and performance figures are given to provide guidance for product selection and use. Actual product performance will be dependant on the nature and design of the specific installation, the work practices and techniques used in the installation, the performance of other equipment used in the system and the environment in which the product is installed. MM Kembla will not accept any claims for costs or losses or any other liability whatsoever arising from any use of the above information by any person."

