

Fire Rated Pair Coil



Description

- ICOOL Fire Rated Pair Coil manufactured to Australian Standard AS/NZS 1571 and AS1530.3-1999 is suitable for use in split system air conditioners with high pressure refrigerants R410A and R32.
- Manufactured from fire-retardant insulation to meet the fire safety regulations of Building Code of Australia (BCA).
- Available in 13mm and 19mm wall thickness insulation to suit the condensation prevention requirement and the thermal resistance requirements.



Specification

Product Code	Copper Tube Outside Diameter & Wall Thickness (mm)	Copper Tube Outside Diameter (inch)	Length(m)	R-Values	R410A & R32 Rated
13mm Wall Thickness Insulation					
FR2320T13	6.35x0.81+9.52x0.81	1/4+3/8	20	0.70	Yes
FR2420T13	6.35x0.81+12.70x0.81	1/4+1/2	20	0.60	Yes
FR2520T13	6.35x0.81+15.88x1.02	1/4+5/8	20	0.60	Yes
FR3520T13	9.52x0.81+15.88x1.02	3/8+5/8	20	0.60	Yes
FR3620T13	9.52x0.81+19.05x1.14	3/8+3/4	20	0.60	Yes
19mm Wall Thickness Insulation					
FR2318T19	6.35x0.81+9.52x0.81	1/4+3/8	18	1.10	Yes
FR2418T19	6.35x0.81+12.70x0.81	1/4+1/2	18	1.00	Yes
FR2518T19	6.35x0.81+15.88x1.02	1/4+5/8	18	1.00	Yes
FR3518T19	9.52x0.81+15.88x1.02	3/8+5/8	18	1.00	Yes
FR3618T19	9.52x0.81+19.05x1.14	3/8+3/4	18	0.95	Yes

Insulation Technical Data(AS1530.3-1999)

Material	Highly flexible 13mm and 19mm paired tubular closed cell elastomeric nitrile rubber foam
Thermal Conductivity	0.033W/m.K.at 23°C
Water Absorption	0.0030 g/100cm2
Spread of Flame Index	0
Smoke Development Index	3
Working Temperature	-40°C to +105°C Range

Copper Tube Safe Working Pressure

Copper Tube Outside Diameter & Wall Thickness (mm)	Safe Working Pressure (kpa)		
	50°C	65°C	75°C
6.35x0.81	10635	9545	8820
9.52x0.81	6800	6105	5640
12.70x0.81	4995	4480	4140
15.88x1.02	5030	4515	4170
19.05x1.14	4697	4181	3895

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