

Refrigerant Line Set Kits for Samsung Novus Model Mini Splits

Job Name _____ Location _____
 Purchaser _____ Engineer _____
 Submitted to _____ Reference _____ Approval _____ Construction _____
 Unit Designation _____ Schedule # _____

Construction

- Copper tube cut to length finished with factory flare type connection (length noted in Table 1).
- Flare nuts are provided for both lines.
- Line sets shall be sealed to prevent ingress of dirt and moisture.

Insulation

- Factory installed on both suction and liquid lines (thickness noted in table Table 1).
- Color: Black
- Insulation shall be tested to the appropriate ASTM standards (details in Table 2)

**Wire**

- Power/control wiring shall be provided (14 AGW X 7).
- Wiring type shall be stranded and color coded as required.
- Power wiring shall be supplied in an armored conduit and conform to UL 1569 and resistant to moisture and sunlight.

Packaging

- Cardboard box, shall be marked with line set model number

Compatibility

- The models noted on this document are only compatible with Samsung models: AR**JSALBWKXCV.

Table 1 - Line set dimensional details

Item Name	Description			
	"Liquid" line diameter	Suction diameter	Length (feet)	Insulation Wall Thickness
SLS2506	1/4"	3/8"	25	1/2"
SLS2507	1/4"	1/2"	25	1/2"
SLS2508	3/8"	5/8"	25	1/2"
SLS5006	1/4"	3/8"	25	1/2"
SLS5007	1/4"	1/2"	50	1/2"
SLS5008	3/8"	5/8"	50	1/2"

Table 2 - Insulation details

Insulation		
Physical Properties	Details	Test Method
Cell structure	4/6 LBS/FT	-
Density (LBS/FT)	75°	ASTM D 1667
Thermal conductivity	0.257	ASTM C177
	40° F to 220° F	
Service TEMP	Excellent	-
UV weather resistance	No cracking	ASTM G-23
Ozone resistance	0.10 PERM-IN(0.15 x 10-12)	ASTM D 1171
Water vapor permeability	0.2	ASTM C355
Water absorption	25/50	ASTM C 109
Flammability	Self extinguishing	ASTM E-84
Smoke density	Excellent	ASTM D 635