

PRODUCT

LINESETS

APPLICATION

DiversiTech® linesets ensure proper cooling unit installation. Refrigerant lines connect your outdoor air conditioner or heat pump to the indoor evaporator coil. Our line set options feature two semi-flexible copper pipes, suction line and liquid line. Choose the outside diameter (OD) sizes that fit your system specifications and choose from multiple length options to optimize the refrigerant lines to the size you need.

MATERIAL

Standard and Mini Split Linesets copper tube are made from C12200 grade of copper. Insulation is either an elastomeric, coated elastomeric or EPDM material. All insulation has a UV retardant added, but it is recommended to cover or apply a coating to the elastomeric and EPDM material for long term exposure. All Tear Resistant Insulation are precoated elastomeric, and have a factory-applied jacket for additional UV and physical damage protection

SPECIFICATIONS

Standard and Mini Split Linesets are made to meet the requirements of ASTM B1003 and can be used with synthetic refrigerants and sub-critical CO2 systems.

INSTALLATION

Installations and insulation material shall comply with the latest applicable building codes for the local jurisdiction. Regardless of insulation composition, it is recommended, at minimum, to coat elastomeric or EPDM insulation on exterior applications. For more substantial protection, place in a protective jacket or protective channel. All Tear Resistant coated elastomeric insulation requires no additional protection. Additional coating, jacketing or placement in a channel is optional.

FEATURES

- The suction line is pre-insulated with Armaflex® AP pipe insulation
- Quality tube for good flexibility/reduced kinking
- Made in USA



SPECIFICATIONS FOR STANDARD AND MINI-SPLIT LINESET

ASTM C 534, Grade 1, Type I	ASTM G22	UL 181
ASTM E 84, NFPA 255, U L 723	ASTM D 1056, 2B1	UL 94 5V-A, V-0, File E 300794
CAN/ULC S102	MIL-P-15280J, FORM T	UL GREENGUARD Gold Certified
NFPA 90A, 90B	FMRC Listed	UL Validated Mold Resistant
ASTM G21/C1338	MEA 186-86-M Vol. V	

PHYSICAL PROPERTIES FOR STANDARD AND MINI-SPLIT LINESET

Property	Values	Test Method
Thermal Conductivity, Btu • in./h • ft ² • °F (W/mK), 75°F (24°C)	0.242 (0.035)	ASTM C 177 or C 518
Water Vapor Permeability, Perm-in. [Kg/(s•m•Pa)]	0.05 (0.725 x 10 ⁻¹³)	ASTM E 96, Procedure A
Water Absorption, % by Volume	0.2 max	ASTM C 209
Flame Spread Index and Smoke, Developed Index through 2" wall thickness	25/50*	ASTM E 84, UL 723, NFPA 255, CAN/ULC 5102
Flammability, UL, File #E300774	V0 and 5VA	UL 94
UV Weather Resistance*	Good	ASTM G 90
Upper Use Limit	220°F (105°C)	N/A
Lower Use Limit	297°F (-183°C)*	N/A
Sizes:	1/4", 3/8", 1/2", 3/4", 1"	
Nominal Wall Thickness		
Inside Diameter:	1/4" ID to 1 1/8" ID	
Density, lb/cu.ft ³	3.0 to 6.0	ASTM D 1662 or D 1667
ASTM D1056 Classification	2B1	ASTM D 1056

STANDARD LINESET PRODUCT DETAILS

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
D61210250	Standard	3/8 in.	3/4 in.	1 in.	8.5	25 ft.	None	No	95247169610
D61210500	Standard	3/8 in.	3/4 in.	1 in.	8.5	50 ft.	None	No	95247169658
D61220250	Standard	3/8 in.	3/4 in.	1/2 in.	5	25 ft.	None	No	95247134540
D61220300	Standard	3/8 in.	3/4 in.	1/2 in.	5	30 ft.	None	No	95247156672
D61220350	Standard	3/8 in.	3/4 in.	1/2 in.	5	35 ft.	None	No	95247134557
D61220400	Standard	3/8 in.	3/4 in.	1/2 in.	5	40 ft.	None	No	95247156689
D61220500	Standard	3/8 in.	3/4 in.	1/2 in.	5	50 ft.	None	No	95247134564

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
D61230250	Standard	3/8 in.	3/4 in.	3/4 in.	5	25 ft.	No Fittings	No	95247087297
D61230500	Standard	3/8 in.	3/4 in.	3/4 in.	5	50 ft.	No Fittings	No	95247087310
D612K0250	Standard	3/8 in.	3/4 in.	1/2 in.	5	25 ft.	No Fittings	Yes	95247168835
D612K0300	Standard	3/8 in.	3/4 in.	1/2 in.	5	30 ft.	No Fittings	Yes	95247168842
D612K0350	Standard	3/8 in.	3/4 in.	1/2 in.	5	35 ft.	No Fittings	Yes	95247168859
D612K0500	Standard	3/8 in.	3/4 in.	1/2 in.	5	50 ft.	No Fittings	Yes	95247168873
D612L0300	Standard	3/8 in.	3/4 in.	3/4 in.	5	30 ft.	No Fittings	Yes	95247168989
D612L0500	Standard	3/8 in.	3/4 in.	3/4 in.	5	50 ft.	No Fittings	Yes	95247169016
D61410250	Standard	3/8 in.	7/8 in.	1 in.	7.2	25 ft.	No Fittings	No	95247169665
D61410500	Standard	3/8 in.	7/8 in.	1 in.	7.2	50 ft.	No Fittings	No	95247169702
D61420250	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	25 ft.	No Fittings	No	95247134571
D61420300	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	30 ft.	No Fittings	No	95247156696
D61420350	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	35 ft.	No Fittings	No	95247134588
D61420500	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	50 ft.	No Fittings	No	95247134595
D61430300	Standard	3/8 in.	7/8 in.	3/4 in.	5.4	30 ft.	No Fittings	No	95247156733
D61430500	Standard	3/8 in.	7/8 in.	3/4 in.	5.4	50 ft.	No Fittings	No	95247087341
D614K0250	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	25 ft.	No Fittings	Yes	95247168880
D614K0300	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	30 ft.	No Fittings	Yes	95247168897
D614K0350	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	35 ft.	No Fittings	Yes	95247168903
D614K0400	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	40 ft.	No Fittings	Yes	95247168910
D614K0500	Standard	3/8 in.	7/8 in.	1/2 in.	3.2	50 ft.	No Fittings	Yes	95247168927
D614L0300	Standard	3/8 in.	1-1/8 in.	3/4 in.	5.5	30 ft.	No Fittings	Yes	95247169030
D614L0500	Standard	3/8 in.	7/8 in.	3/4 in.	5.4	50 ft.	No Fittings	Yes	95247169061
D61820500	Standard	3/8 in.	1-1/8 in.	3/8 in.	2.2	50 ft.	No Fittings	No	95247137084
D618K0300	Standard	3/8 in.	1-1/8 in.	3/8 in.	2.2	30 ft.	No Fittings	Yes	95247137053
D618K0500	Standard	3/8 in.	1-1/8 in.	1/2 in.	3.1	50 ft.	No Fittings	Yes	95247168941

MINI-SPLIT LINESET PRODUCT DETAILS

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
D40620250B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	25 ft.	Yes	No	95247148448
D40620350B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	35 ft.	Yes	No	95247148455
D4062050000B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	50 ft.	None	No	95247152896
D40620500B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	50 ft.	Yes	No	95247148462
D406K0250B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	25 ft.	Yes	Yes	95247169252

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
D406K0250B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	25 ft.	None	Yes	95247169993
D406K0350B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	35 ft.	Yes	Yes	95247169269
D406K0500B3B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	50 ft.	Yes	Yes	95247169276
D406K0500B6	Mini-Split	1/4 in.	3/8 in.	1/2 in.	4	50 ft.	None	Yes	95247170012
D406L0250B3B6	Mini-Split	1/4 in.	3/8 in.	3/4 in.	4	25 ft.	Yes	Yes	95247169375
D406L0350B3B6	Mini-Split	1/4 in.	3/8 in.	3/4 in.	4	35 ft.	Yes	Yes	95247169382
D406L0500B3B6	Mini-Split	1/4 in.	3/8 in.	3/4 in.	4	50 ft.	Yes	Yes	95247169399
D406L0500B6	Mini-Split	1/4 in.	3/8 in.	3/4 in.	4	50 ft.	None	Yes	95247170135
D40820250B3B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	25 ft.	Yes	No	95247148479
D40820350B3B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	35 ft.	Yes	No	95247148486
D4082050000B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	50 ft.	None	No	95247152902
D40820500B3B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	50 ft.	Yes	No	685768301905
D408K0250B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	25 ft.	None	Yes	95247170029
D408K0350B3B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	35 ft.	Yes	Yes	95247169290
D408K0500B3B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	50 ft.	Yes	Yes	95247169306
D408K0500B6	Mini-Split	1/4 in.	1/2 in.	1/2 in.	3.4	50 ft.	None	Yes	95247170043
D408L0250B3B6	Mini-Split	1/4 in.	1/2 in.	3/4 in.	5.4	25 ft.	Yes	Yes	95247169405
D408L0250B6	Mini-Split	1/4 in.	1/2 in.	3/4 in.	5.4	25 ft.	None	Yes	95247170142
D408L0500B3B6	Mini-Split	1/4 in.	1/2 in.	3/4 in.	5.4	50 ft.	Yes	Yes	95247169429
D408L0500B6	Mini-Split	1/4 in.	1/2 in.	3/4 in.	5.4	50 ft.	None	Yes	95247170166
D408M0500B3B6	Mini-Split	1/4 in.	1/2 in.	1 in.	7.9	50 ft.	Yes	Yes	95247169542
D41020250B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	25 ft.	Yes	No	95247148509
D41020350B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	35 ft.	Yes	No	95247148516
D41020500B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	50 ft.	Yes	No	95247148523
D410K0250B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	25 ft.	Yes	Yes	95247169313
D410K0250B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	25 ft.	None	Yes	95247170050
D410K0350B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	35 ft.	Yes	Yes	95247169320
D410K0500B3B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	50 ft.	Yes	Yes	95247169337
D410K0500B6	Mini-Split	1/4 in.	5/8 in.	1/2 in.	3.3	50 ft.	None	Yes	95247170074
D410L0250B3B6	Mini-Split	1/4 in.	5/8 in.	3/4 in.	5.4	25 ft.	Yes	Yes	95247169436
D410L0350B3B6	Mini-Split	1/4 in.	5/8 in.	3/4 in.	5.4	35 ft.	Yes	Yes	95247169443
D61020250B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	25 ft.	Yes	No	685768298359
D61020350B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	35 ft.	Yes	No	95247148547
D6102050000B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	50 ft.	None	No	95247152919
D61020500B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	50 ft.	Yes	No	685768301493
D610K0250B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	25 ft.	Yes	Yes	95247169344
D610K0250B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	25 ft.	None	Yes	95247170081
D610K0350B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	35 ft.	Yes	Yes	95247169351
D610K0500B3B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	50 ft.	Yes	Yes	95247169368

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
D610K0500B6	Mini-Split	3/8 in.	5/8 in.	1/2 in.	3.3	50 ft.	None	Yes	95247170104
D610L0500B3B6	Mini-Split	3/8 in.	5/8 in.	3/4 in.	5.4	50 ft.	Yes	Yes	95247169481
D610L0500B6	Mini-Split	3/8 in.	5/8 in.	3/4 in.	5.4	50 ft.	None	Yes	95247170227
D610M0350B3B6	Mini-Split	3/8 in.	5/8 in.	1 in.	7.5	35 ft.	Yes	Yes	95247169597
D610M0500B3B6	Mini-Split	3/8 in.	5/8 in.	1 in.	7.5	50 ft.	Yes	Yes	95247169603
D610M0500B6	Mini-Split	3/8 in.	5/8 in.	1 in.	7.5	50 ft.	None	Yes	95247170340



WHITE PIPE LINESET AND LINESET BOXES PRODUCT DETAILS

Item #	Type	Liquid Line	Suction Line	Insulation	R Value	Length	With Flare Fittings	Tear Resistant	UPC
WP1212-164	White Pipe	1/2 in.	1/2 in.	1/2 in.	8	164 ft.	None	Yes	690739002019
WP1212-50	White Pipe	1/2 in.	1/2 in.	1/2 in.	8	50 ft.	None	Yes	95247154111
WP1214-164	White Pipe	1/4 in.	1/4 in.	1/2 in.	9	164 ft.	None	Yes	8017965111049
WP1214-50	White Pipe	1/4 in.	1/4 in.	1/2 in.	9	50 ft.	None	Yes	95247154098
WP1234-50	White Pipe	3/4 in.	3/4 in.	1/2 in.	8	50 ft.	None	Yes	95247154036
WP1234-82	White Pipe	3/4 in.	3/4 in.	1/2 in.	8	82 ft.	None	Yes	95247154074
WP1238-164	White Pipe	3/8 in.	3/8 in.	1/2 in.	8	164 ft.	None	Yes	95247154135
WP1238-50	White Pipe	3/8 in.	3/8 in.	1/2 in.	8	50 ft.	None	Yes	95247154104
WP1258-164	White Pipe	5/8 in.	5/8 in.	1/2 in.	8	164 ft.	None	Yes	8017965111032
WP1258-50	White Pipe	5/8 in.	5/8 in.	1/2 in.	8	50 ft.	None	Yes	95247154128
WP1278-50	White Pipe	7/8 in.	7/8 in.	1/2 in.	8	50 ft.	None	Yes	95247154067
WP1278-82	White Pipe	7/8 in.	7/8 in.	1/2 in.	8	82 ft.	None	Yes	95247154081
LSB10-BL	Lineset Box - Black	N/A	N/A	N/A	N/A	N/A	N/A	N/A	95247168965
LSB10-W	Lineset Box - White	N/A	N/A	N/A	N/A	N/A	N/A	N/A	690739001012