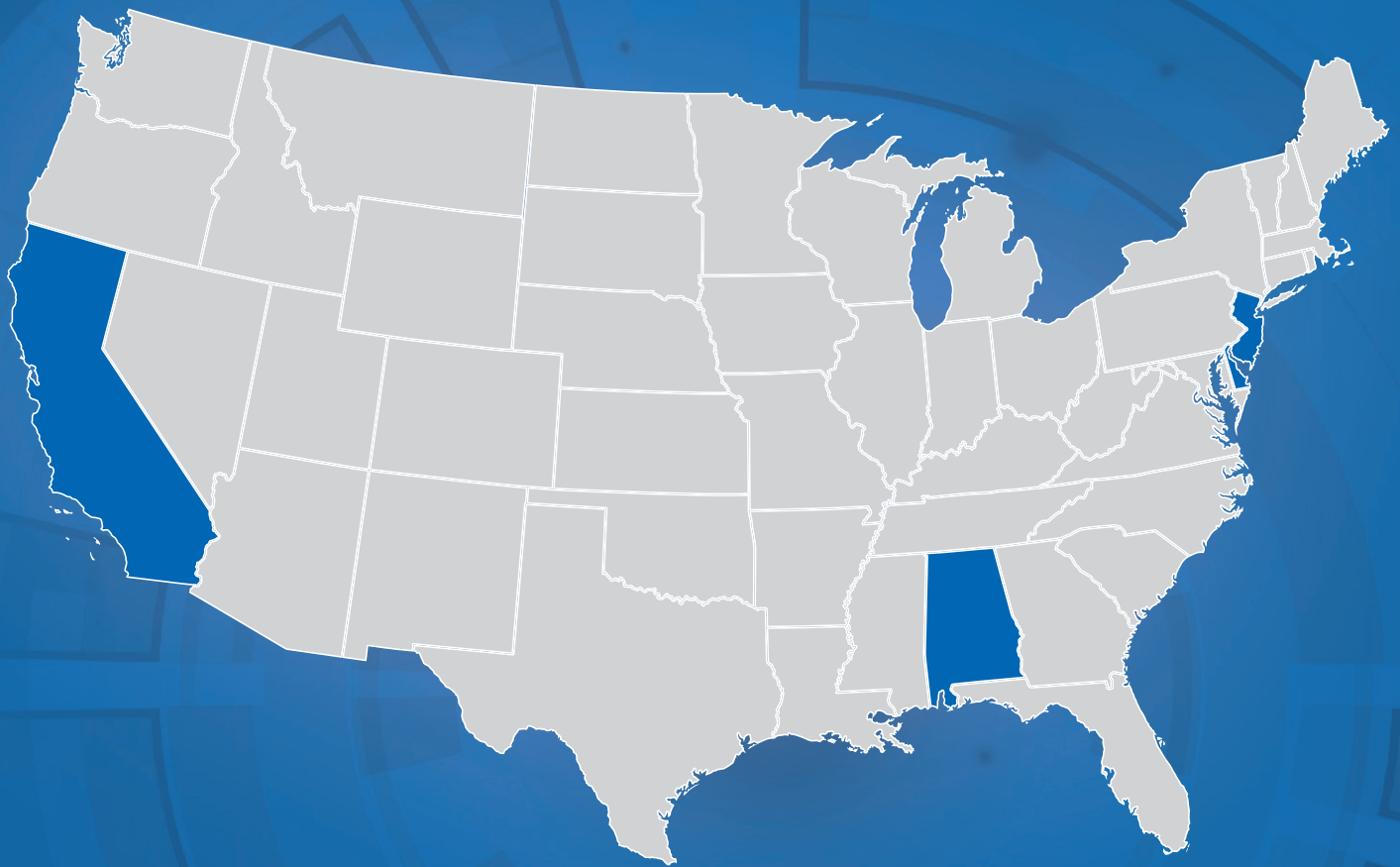


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ICOOOL USA



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REFRIGERANT

ICOOOL USA



R-410A

Application: Refrigerant for residential and light commercial air conditioning systems designed for R-410A. May also be used in heat pumps and chillers.

Packages:

25 lb cylinder

1000 lb cylinder (*actual net weight may vary*)



R-404A

Application: Refrigerant for medium and low temperature applications such as food display and storage cases, cold storage and ice machines. Formulated to match properties of R-502.

Package:

24 lb cylinder



R-407C

Application: Refrigerant for medium and high temperature applications.

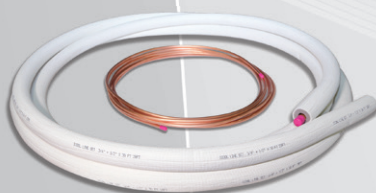
Package:

25 lb cylinder

ICOOL LINE SET OPTIONS

PE – White Insulation

Type A Set
Standard Plain End Line



Type B Set
Mini-Split Twin Tube (Joined)



Type C Set
Mini-Split (Separate)



Type D Set
Insulated Copper Tube (Single Line)



Type E Set
Plain End Fully Assembled (Taped)



Type E Set – White
with Thermostat Wire
Standard Plain End Line



Black PE Insulation

Type A Set – Black
Standard Plain End Line



Type B Set – Black
Mini-Split Twin Tube (Joined)



Type C Set – Black
Mini-Split (Separate)



Type D Set – Black
Insulated Copper Tube (Single Line)



Type E Set – Black
Plain End Fully Assembled (Taped)



ICOOL LINE SET OPTIONS

Black Rubber Insulation

Type F Set

Standard Plain End Line



Type G Set

Mini-Split (Separate)



Type H Piece

Insulated Copper Tube (Single Line)



Type I Set

Plain End Fully Assembled (Taped)



Type I Set – Black with Thermostat Wire

Plain End Fully Assembled (Taped)



Cool Pull Mini Line Set Kits

ICOOL split line set kits consist of annealed copper tube with a high quality insulation layer (M1 certified) widely used for the insulation of split air conditioners and refrigerant equipment.

Copper tubes are produced according to ASTM B280 or B743 with the temper of soft annealed. All kits are suitable for R410a refrigerant and other high-pressure refrigerant.

Insulation layer is made of cross-lined foam polyethylene with closed cells. The insulation is covered with embossed polyethylene film to prevent the foam from creasing.

Fire retardant and UV resistance
Heating conduction at 0°C, ≤ 0.033 W/mk
Average Density: 33KG/m³
Working temperature from -40°F to +300°F
Vapor resistance: $\mu > 5000$
White /external non-toxic and resistant to external chemical agents and ultra-violet rays.

Mini Split Line Set Accessories

Accessories consist of all components needed for air conditioner installation.

1. Drain hose
2. Non-adhesive PVC tape
3. Electrical wire (TC-ER 4/16 AW / 4/14 AWG)
4. Seal mud (150g to 200g)
5. Wall sleeve kits (PVC sleeve cover and wall corner)

Packing

COPPER TUBE SIZE

1/4" and 3/8"
1/4" and 1/2"
1/4" and 5/8"
3/8" and 5/8"

AIR CONDITIONER CAPACITIES

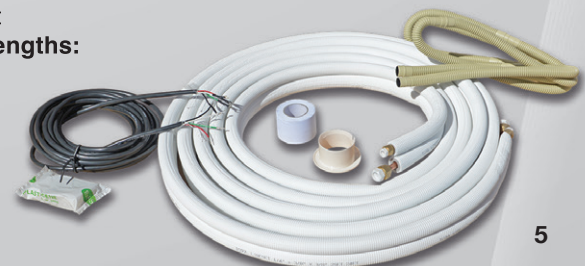
9000 BTU
12000 BTU and 18000 BTU
24000 BTU and 28000 BTU
36000 BTU inverter

*Standard lengths:

50 ft and 100 ft

*Customized lengths:

10 ft to 164 ft



BLACK LINE SETS

STANDARD PLAIN END – INSULATED COPPER TUBE – MINI-SPLIT



ICool USA rubber-insulated line sets are produced in the USA using closed-cell technology to conserve energy and prevent condensation.

Specifications:

ASTM C534 Types 1 and 2, Grade 2
ASTM E-84 25/50-rated (to 1")
NFPA No 101 Class A Rating
NFPA 90A, 90B

Insulation R-Values:

3/8" Wall - R2.3
1/2" Wall - R3.3
3/4" Wall - R5.2

Working Temperature:

-58° F to 230° F

Insulation Thickness

Copper Diameter

3/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"
1/2"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"
3/4"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"
1-1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1-1/8"

Line Sets Types

Type F	Standard Plain End
Type G	Mini-Split (Lines Insulated Separately)
Type H	Insulated Copper Tube (Single Line)
Type I	Fully Assembled Plain End Taped Together

K-FLEX® TITAN™

K-FLEX® TITAN™ is a flexible coextruded jacketed composite material applied to K-FLEX® NBR/PVC tubular insulation. It is a polymeric jacketed material that offers excellent flexibility, abrasion and weather resistance, making it ideal for outdoor applications. The product is made in K-FLEX® USA's ISO 9001 certified manufacturing facility in North Carolina.



PE LINE SETS

STANDARD PLAIN END – INSULATED COPPER TUBE – MINI-SPLIT



Feature:

- UV Resistant
- Meets ASTM E84 25/50 smoke and Fire
- Paintable
- Tear Resistant

Application:

- HVAC/R Systems

Specifications:

- Copper Tubing: ASTM B743
- UV Rating, Excellent per ISO 105-A02:1193/Cor2:2005
- Temperature range: Meets/exceeds ASTM C 1427-07
- Insulation Rating per ASTM E96-00
- 3/8", 1/2" and 3/4" wall thickness
- Smoke and Fire rated per UL 723, ASTM E84
- Low-Density Polyethylene (PE) Foam Insulation – Closed Cell & CFC/HFC free

PE Line Set Offering:

- Standard Plain End
- Insulated Copper Tube
- Mini-Split

Insulation R-Values:

- 3/8" Wall - R2.3
- 1/2" Wall - R3.3
- 3/4" Wall - R5.2



Copper Diameter Insulation Thickness

1/4"	3/8" and 1/2"
3/8"	3/8" and 1/2"
1/2"	3/8" and 1/2"
5/8"	3/8" and 1/2"
3/4"	3/8" and 1/2"
7/8"	3/8" and 1/2"

Line Set Types

Type A	Standard Plain End
Type B	Mini-Split Twin Tube (Joined)
Type C	Mini-Split (Separate)
Type D	Insulated Copper Tube (Single Line)
Type E	Fully Assembled Plain End Taped Together



AIR CONDITIONING DISCONNECTS



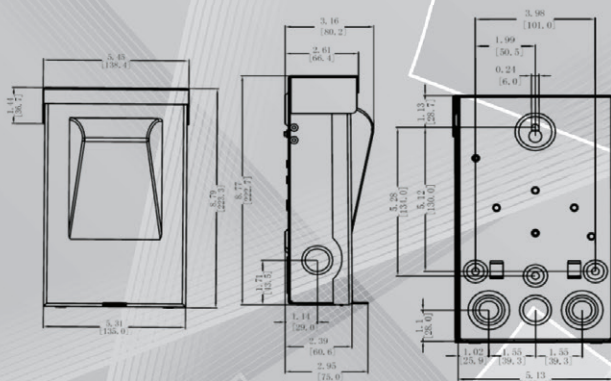
icool USA

Specifications:

- NEMA 3R outdoor enclosures offered in metallic and non-metallic versions
- Easy-to-remove high-strength protective shield for easier wiring and mounting
- Easy-to remove front cover (no screws or fasteners to remove)
- Copper-rated line and load lugs that are easily accessible
- Padlockable door provision for safety and reduction of tampering
- Metallic enclosures are bottom entry and exit only
- Non-metallic enclosures knockouts and a hub provision for top access

Our disconnect is UL listed and meet UL98 for enclosed switches. It is suitable as service entrance equipment when applied with neutral or ground lug kit.

Item	Main Ampere Rating (Metallic)	QTY	Size	G.W.
ID60240NF	60AMP, 240VAC, 1 PHASE, 3 WIRE	6PCS/CTN	47*25*17CM	8.1KG
ID30240F	30AMP, 240VAC, 1 PHASE, 3 WIRE	6PCS/CTN	47*25*17CM	9.1KG
ID60240F	60AMP, 240VAC, 1 PHASE, 3 WIRE	6PCS/CTN	47*25*17CM	9.1KG



EASY INSTALL MINI SPLIT BRACKET

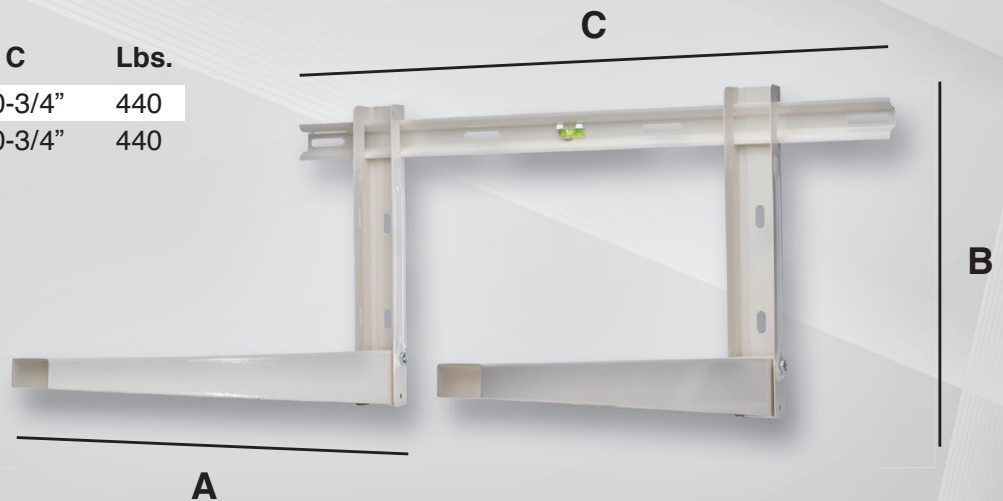


Specifications:

- Weather-proof white powder-coated surface
- Built-in level for easy installation
- Adjustment slots for installation on any surface
- Promotes good air circulation
- Includes hardware and anti-vibration pads
- 6 Pcs/MC



Model	A	B	C	Lbs.
HL-550	19-3/4"	14-3/4"	30-3/4"	440
HL-650	25-1/2"	14-3/4"	30-3/4"	440

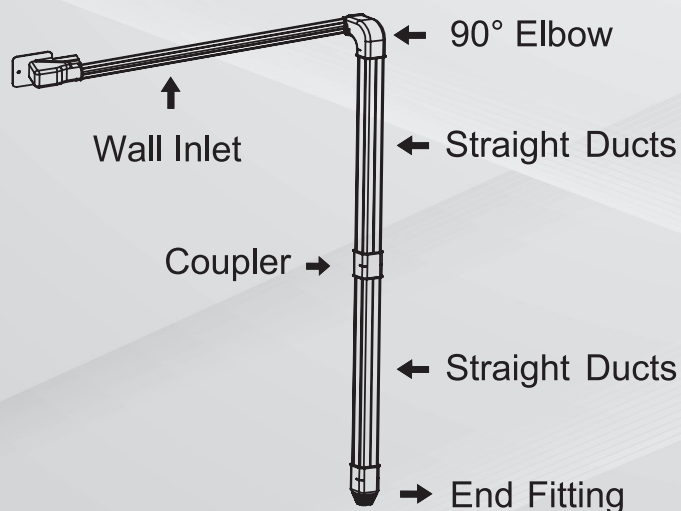


AC LINE SETS AND MINI-SPLIT LINE SET COVERS



COVER KIT FOR 20' MINI-SPLIT REFRIGERATED LINES

- Protects and hides the refrigerant lines of the mini-split system
- Ultra durable, easy to install, light and weather resistant
- Can be installed on existing pre-installed pipes
- Normally used with 25' line set installations



4x DUCT (GG-2)
1x FLAT BEND 90 DEGREE (PW-2)
2x ELBOW BEND 90 DEGREE (CW-2)
1x WALL CORNER (QG-2)
1x END CAP (WJ-2)
4x JOINT (ZL-2)
1x FLEXIBLE JOINT (LR-2)

AC Line Set and Mini-Split Lineset Covers

- Stay-Clean peel-n-go film allows for a no-fuss clean-up following an install.
- Free-sliding zip-tie clips are pre-installed, relocating quickly and easily to position the zip tie where it's needed most.
- Components are paintable.
- Components are UV stabilized and tested to temperatures from -4 degrees F to 140 degrees F.
- Fittings can be opened and closed as needed, so the system can be adjusted as necessary at any time.
- Cam screws are constructed of hardened plastic, like a gun stock. They will never rust.

AC LINE SETS AND MINI-SPLIT LINE SET COVERS



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