

TCL AIR CONDITIONER



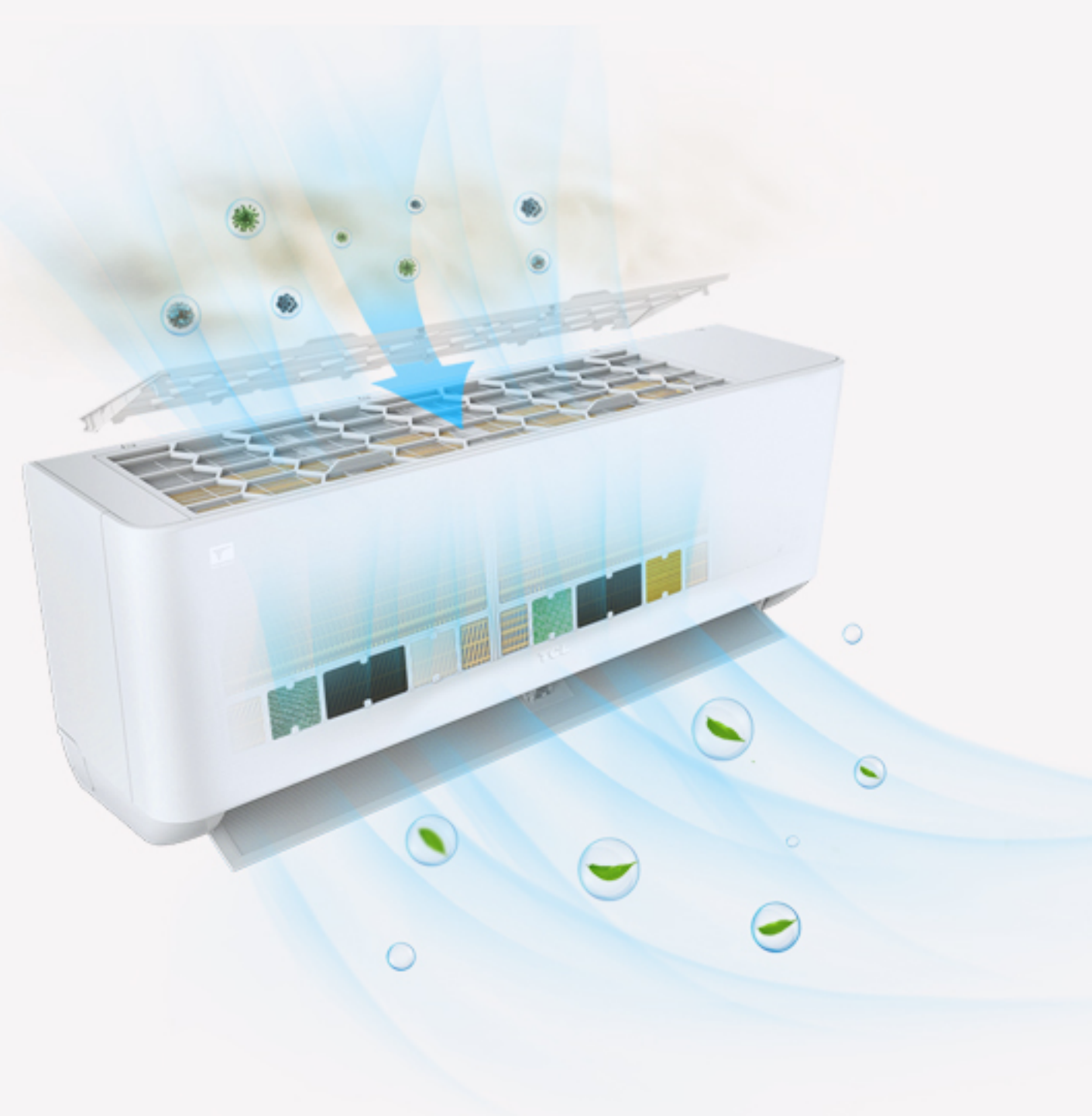
BreezeIN Series

smart air, soft care

Top opened Dust Filter of IDU

It is applied top opened filter that is integrated with high density filter.

Also, it is optional to have multiple combination of healthy filters for effective air filtering in the room.



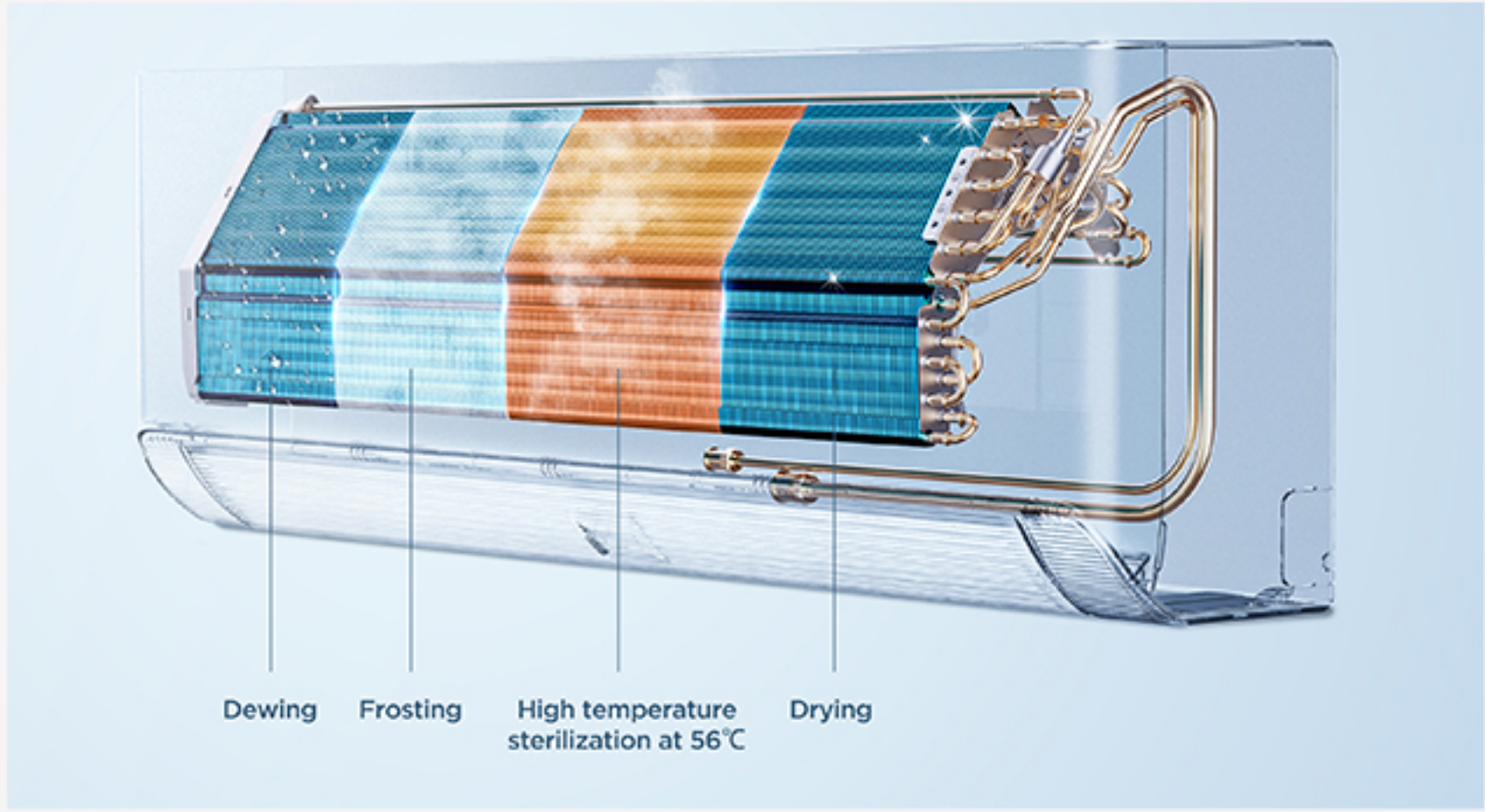
Deep Easy Clean for IDU Air-channel

The bottom plate, louver & vanes can be easily disassembled & assembled within 20", which will be easy to clean the duct system, including wiping the cross fan when it is power off.



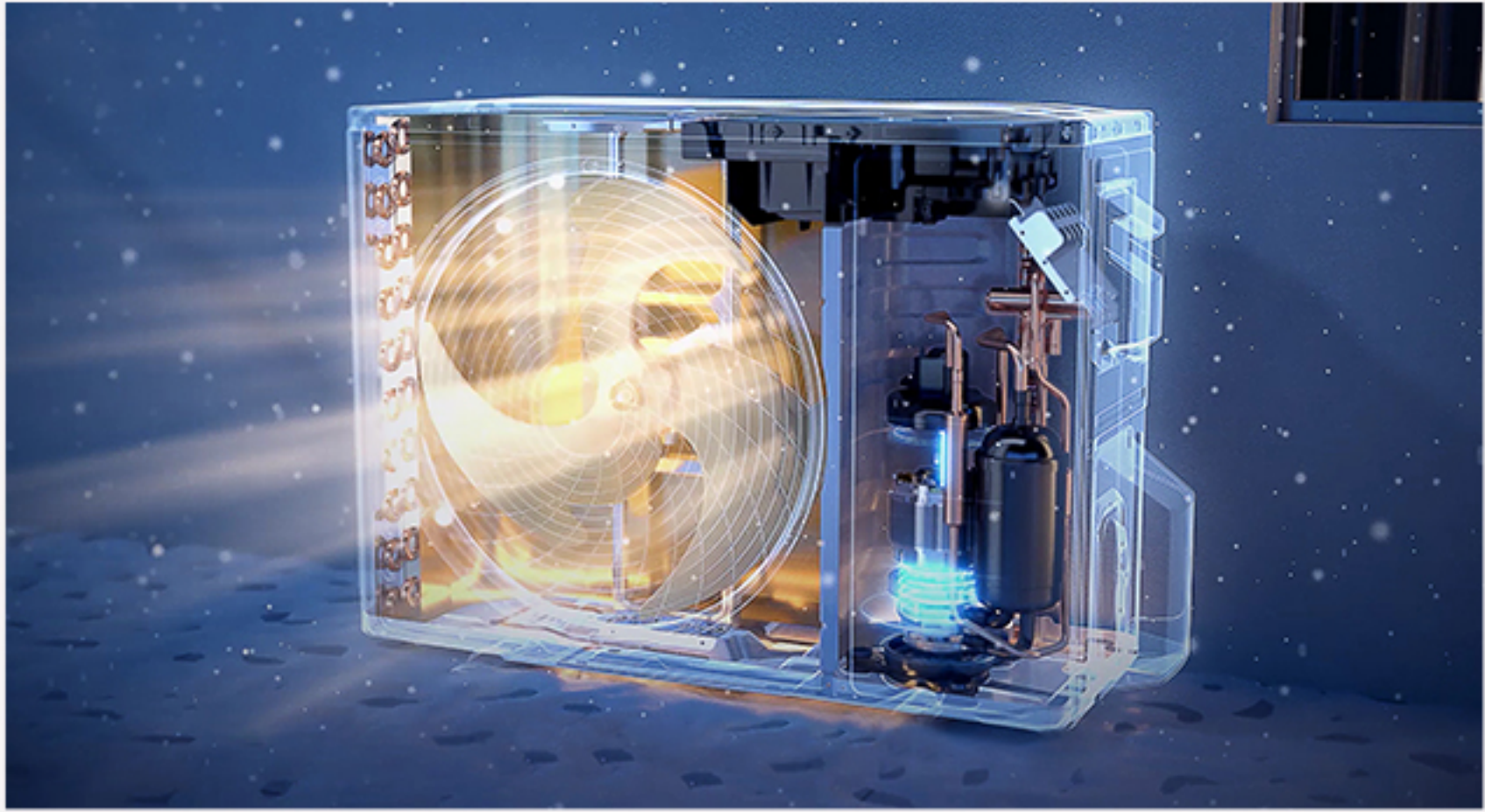
High Temperature Self-cleaning & Sterilization

* Heat Pump DC Inverter Only
* Optional



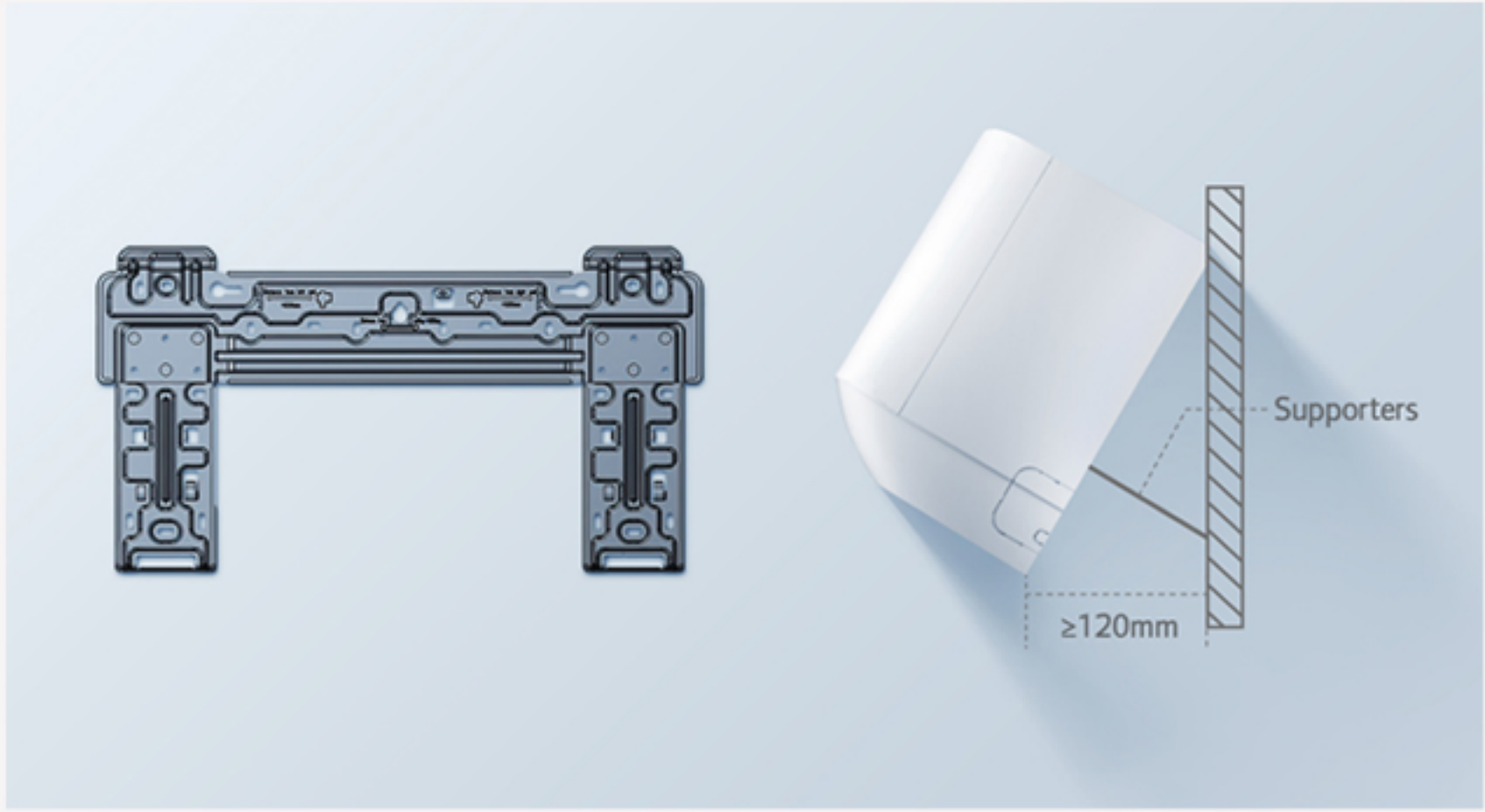
Low Temperature Heating

-13°F Ambient: Still can work stable.



Easy Installation Supporter for IDU Plate

Optimized Installation Plate



Smart Sleep

Turbo Mode

Display On/off

Four way Auto Swing

Intelligent Auto Defrost

Self-troubleshooting

Refrigerant Leakage Detector

Celsius and Fahrenheit Degree Switch

High Temperature Cooling

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BreezeIN Series 23SEER2 Product Specifications								
Model			TSC-09HA1 I3TI22	TSC-12HA1 I3TI22	TSC-09HA2 I3TI23	TSC-12HA2 I3TI23	TSC-18HA2 I3TI21	TSC-24HA2 I3TI20
AHRI Certification #			207688887	207688888	207688889	207688890	207688891	207688892
NEEP			YES					
Energy Star			YES					
NEEP Cold Climate			YES				NO	
Type			Cool & Heat Pump					
Control type			Remote Controller, Smart App & Voice Control*					
Rated Cooling (95F/35C)	Rated cooling capacity	Btu/h	9000	12000	9000	12000	18000	23000
	EER2 (95F/35C)	Btu/W.h	12.5	12.5	13.0	13.0	13.0	12.5
	SEER2	Btu/W.h	23.0	22.0	23.5	23.0	22.0	20.0
Rated Heating (47F/8.3C)	Rated Heating capacity	Btu/h	9500	12000	9500	12000	18000	24000
	HSPF2(Region IV)	Btu/W.h	9.0	9.0	9.2	9.5	8.8	8.8
	COP2	W/W	3.5	3.5	3.5	3.5	3.5	3.2
	COP (5°F/-15°C)	W/W	1.8	1.8	1.8	1.8	1.8	1.8
Power supply			115V~/ 60Hz	115V~/ 60Hz	208/230V~/60Hz	208/230V~/60Hz	208/230V~/60Hz	208/230V~/60Hz
MCA (Min. Circuit Ampacity)		A	16	17	9	11	13	19
Maximum Fuse Size		A	25.0	25.0	15.0	15.0	20.0	30.0
Indoor Airflow		CFM	382/324/265	471/382/294	382/324/265	471/382/294	735/618/529	735/618/529
Outdoor Airflow		CFM	1235	1235	1235	1235	1941	2647
Indoor Sound Pressure	Turbo/High/Med. Low/Mute		42/39/34/29/27	45/39/34/29/27	42/39/34/29/27	45/39/34/29/27	48/45/40/35/31	51/48/43/38/35
Outdoor Sound Pressure		dB(A)	50	52	50	52	52	58
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG	4×16AWG
Net Dimension	Indoor Unit	inch	32.28×12.05×7.68	36.22×12.05×7.68	32.28×12.05×7.68	36.22×12.05×7.68	43.31×13.11×8.74	43.31×13.11×8.74
	Outdoor Unit	inch	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	28.66x12.01x21.65	33.26x14.96x27.51	35.83x16.54x31.50
Net Weight	Indoor Unit	lbs	20.9437	23.1483	20.9437	23.1483	30.8644	30.8644
	Outdoor Unit	lbs	51.8081	60.40604	51.36718	59.08328	84.8771	104.7185
Refrigerant		Type	R410a	R410a	R410a	R410a	R410a	R410a
		g	780	1200	780	1200	1430	1850
		ozs	27.51	42.33	27.51	42.33	50.44	65.26
Precharger Refrigerant		g/oz	780g/27.51ozs	1200g/42.33ozs	780g/27.51ozs	1200g/35.27ozs	1430g/50.44ozs	1850g/65.26ozs
Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50	15 / 50	20 / 65	20 / 65
Maximum Height Difference Between IDU and ODU		(m/ft)	10 / 33	10 / 33	10 / 33	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22
Operation Range		°C / F	16~31 (61-88)	16~31 (61-88)	16~31 (61-88)	16~31 (61-88)	16~31 (61-88)	16~31 (61-88)
Ambinet temperature	Indoor (cooling/heating)	F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor (cooling/heating)	F	5-131/-13-86	5-131/-13-86	5-131/-13-86	5-131/-13-86	5-131/-13-86	5-131/-13-86