

TCL

创意感动生活
The Creative Life

TCL Light Commercial Unit 2020 Catalogue

TCL

www.tcl.com
www.tclzykt.com

GD TCL INTELLIGENT HEATING & VENTILATING EQUIPMENT CO., LTD.

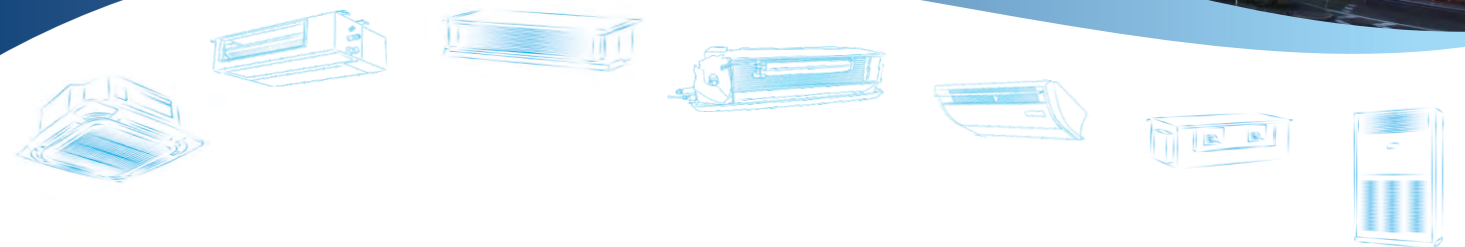
Factory add: No.59, Nantou Road West, Nantou, Zhongshan,Guangdong, P.R.China

Tel : +86 760 28150477

Fax: +86 760 87821709

Business Contact: omc@tcl.com

Technical Service: ac_tech_service@tcl.com





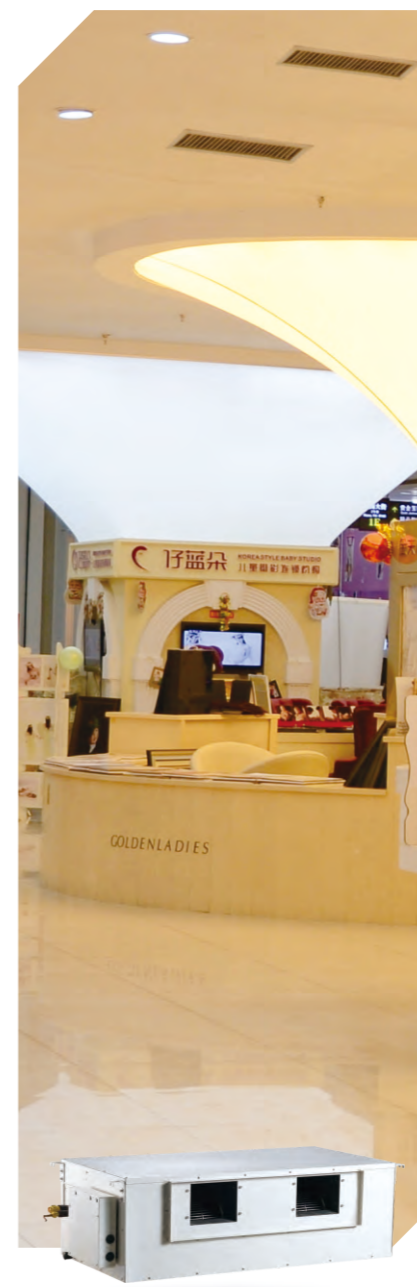
Cassette



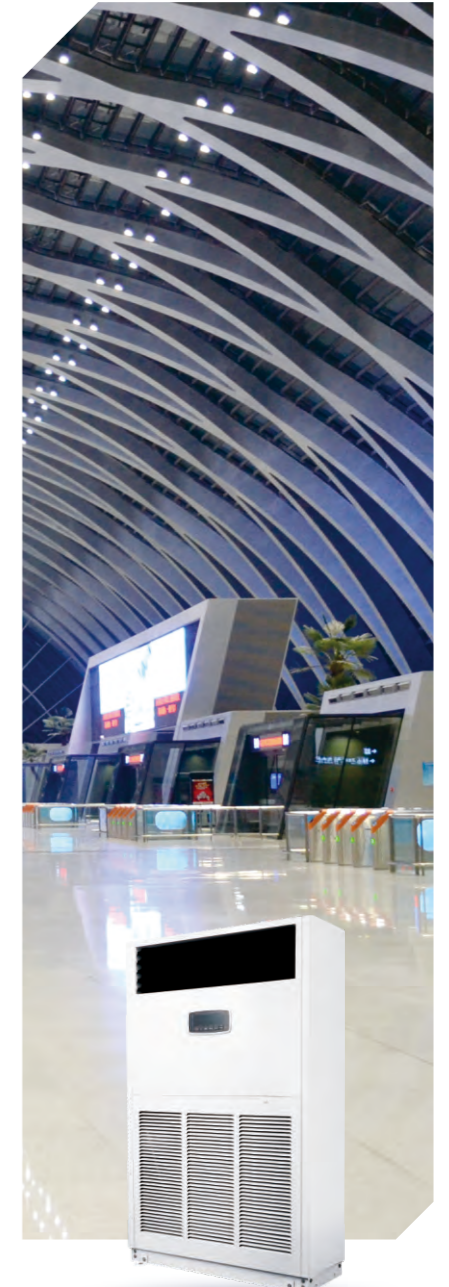
Ceiling&Floor



Middle ESP Duct



High ESP Duct



Floor Standing



Auto-protection



High Efficient
Inner-grooved
Copper Tube



Sleep Mode



Easy Cleaning Filter

C ONTENTS

Universal outdoor unit	05
On/Off Series	09
Inverter Series	11
10HP F/S & Duct	15

ON/OFF R410A

Series	12000Btu/h	18000Btu/h	24000Btu/h	36000Btu/h	48000Btu/h	60000Btu/h	90000Btu/h
Outdoor Unit (On/Off)							
Duct							
Cassette							
Compact Cassette							
Ceiling & Floor							
Floor standing							
High ESP Duct							

Inverter R410A

Series	18000Btu/h	24000Btu/h	36000Btu/h	48000Btu/h	60000Btu/h
Outdoor Unit					
Duct					
Cassette					
Ceiling & Floor					

Universal Outdoor Unit



Features

>> Universal Outdoor Design

- The same ODU can match Cassette, C/F, Duct with same capacity.
- Reducing stock and after-sales costs.



>> High-efficient Outdoor Fan

Advanced 3D propeller can enlarge the air volume and reduce the noise level.



Bionic Fan

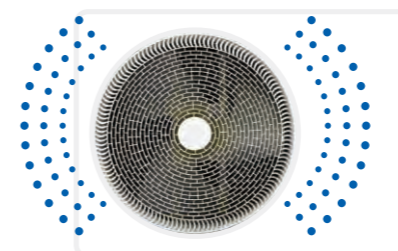
>> Antirust and Long Lift Span

The outdoor unit is made from galvanized sheet, and treated with special cathodic crafts.



>> Optimized Air-outlet Grill

- Optimized air flow increases the air volume, thus,
- increases the efficiency of heating exchange;



Cassette



Ceiling & Floor



Features

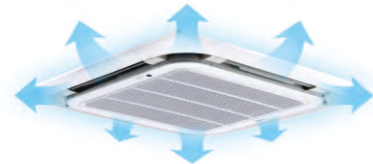
»» New Panel Design

The newly designed procelain white is beautiful and elegant, making the panel and ceiling color more easily integrated.



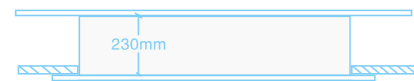
»» 360° Round Air Flow

Comfortable and even air supply won't leave a dead angel, no longer oriented, keeping room.



»» Super Slim Body

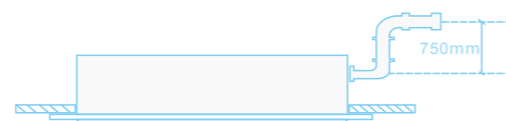
Industry leading slim body(230mm), small installation size.It can be installed in narrow ceiling.



*不同机型尺寸略有差异，详见后面的技术参数表。

»» Built-in drain pump

Cassette with built-in drain pump ,can lift water up to 750mm which is convinient for installation and improving drainage efficiency.



»» LED digital Dispaly

Real-time operating temperature and error code clearly displayed easily control the working condition.



»» Three Mode Fan Speed

With L/M/H three mode speed setting corresponding speed based different installation height or air supply demand.



»» Ultra Low Noise

Adapting 3D spiral balde design decrease the air supply resistance, realizing ultra low noise.



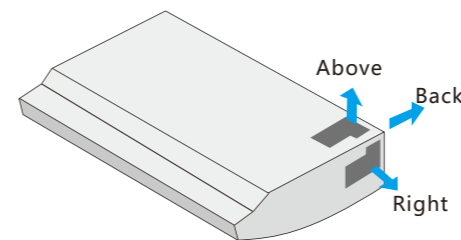
Features

»» Streamlined Outlook

Panel fashionable and exquisite, and elegant decoration integration, commercial home decoration value choice.

»» Open Dress Design

Simple pipe connection, wiring work can be completed on the ground, the installation process is simple and efficient, shorten the installation period, ensure the quality of installation.



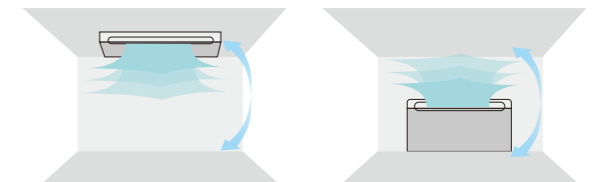
»» 3D Air Supply

Unique swing design, the wind direction can be adjusted at will, to achieve 3D air supply, so that the room temperature distribution is more uniform.

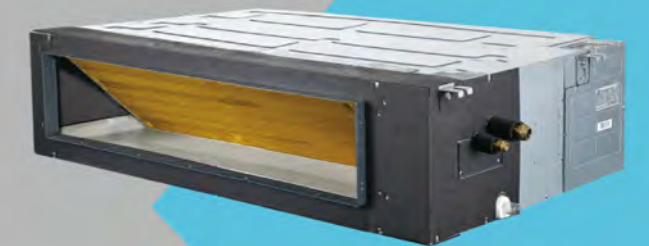


»» Various Installation Methods

Flexible installation method, ceiling or landing , maximum for you to save space.



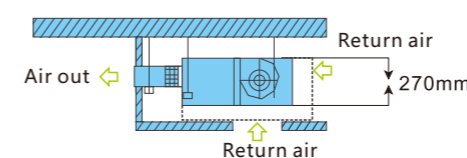
Ducted



Features

»» Super Slim Body

Adopt hidden design, the size is very thin, the thinnest thickness is only 270mm, save more installation space, wider application range.



»» Various Air Outlet Structure

The indoor unit adopts a hidden installation mode,which can be equipped with appropriate air outlets to perfectly combine the air conditioning .





On/Off

Universal Outdoor - R410A Cooling & Heating



Outdoor unit								
Capacity	Cooling Capacity	kW	3.517	5.300	7.050	10.550	14.000	16.000
	Heating Capacity	kW	3.810	5.900	7.900	12.000	14.650	17.731
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	380-415V~/50Hz/3P	380-415V~/50Hz/3P
	Air Flow Volume	m ³ /h	2100	2100	3500	4900	6300	6300
Outdoor dimension	Noise Level	dB(A)	49	49	54	58	60	57
	Unit (WxHxD)	mm	760x550x250	780x605x290	900x650x310	900x805x360	940x1250x340	940x1250x340
Outdoor weight	Packing (WxHxD)	mm	863x590x361	863x653x412	1015x720x425	1020x860x475	1030x1365x440	1030x1365x440
	Net	kg	30	38	51	64	93	101
Piping Size	Gross	kg	33	42	54	69	103	111
	Liquid Pipe Size	mm	φ6.35	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas Pipe Size	mm	φ12.7	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Max. Pipe Length	m	25	25	30	30	50	50
Operating Range	Max. Height Difference	m	15	15	15	20	30	30
	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24	-7~24



Cassette - R410A Cooling & Heating

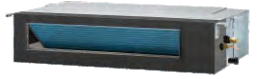
Indoor unit		Model	TCC-12HRA-4	TCC-18HRA-4	TCC-24HRA	TCC-36HRSA/S	TCC-48HRSA	TCC-60HRSA
Capacity	Cooling Capacity	kW	3.517	5.300	7.050	10.550	14.000	16.119
	Heating Capacity	kW	3.810	5.600	7.900	12.000	14.650	17.731
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input (W)							
Performance	Cooling		1150	1683	2432	3723	4636	5694
	Heating		1170	1761	2192	3409	5079	5700
	EER	W/W	3.06	3.07	2.96	2.82	3.02	2.83
	COP	W/W	3.26	3.18	3.60	3.52	2.88	3.11
Indoor dimension	Air Flow Volume	m ³ /h	800/750/600	800/750/600	1400/1200/950	1700/1500/1400	700/1500/1400	1900/1700/1500
	Noise Level dB(A)	Hi/Med/Low	41/38/34	41/38/34	43/41/37	45/43/41	47/45/42	50/47/45
Indoor weight	Unit (WxHxD)	mm	575x260x575	575x260x575	840x230x840	840x230x840	840x300x840	840x300x840
	Packing (WxHxD)	mm	725x300x725	725x300x725	925x290x925	925x360x925	925x360x925	925x360x925
Panel	Net	kg	18	19	23	28	30	30
	Gross	kg	21	22	28	33	35	35
Piping Size	Unit (WxHxD)	mm	650x30x650	650x30x650	950x45x950	950x45x950	950x45x950	950x45x950
	Packing (WxHxD)	mm	690x65x690	690x65x690	1035x80x1035	1035x80x1035	1035x80x1035	1035x80x1035
Piping Size	Net/Gross	kg	2.5/4.5	2.5/4.5	6/9	6/9	6/9	6/9
	Liquid	mm	φ6.35	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25	OD25

All datas are subject to change without notice, due to our continuous improvement.



On/Off

Duct - R410A Cooling & Heating



Indoor unit		Model	TTB-18HWA	TTB-24HWA	TTB-36HWSA/S	TTB-48HWSA	TTB-60HWSA
Capacity	Cooling Capacity	kW	5.300	7.200	10.550	14.000	16.119
	Heating Capacity	kW	5.900	7.900	12.000	14.650	17.731
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input (W)						
Performance	Cooling		1761	2351	3584	4560	5694
	Heating		1513	2388	3468	4446	4845
	EER	W/W	3.01	3.06	2.94	3.07	2.83
	COP	W/W	3.90	3.31	3.46	3.30	3.66
Indoor dimension	Air Flow Volume	m ³ /h	1170/770/650	1400/950/800	1800/1500/1350	2100/1750/1550	2200/1800/1600
	External Static Pressure	Pa	70	70	80	100	100
Indoor weight	Noise Level dB(A)	Hi/Med/Low	43/35/32	46/43/41	46/44/42	47/44/42	47/45/43
	Unit (WxHxD)	mm	920x210x605	920x270x605	1140x270x745	1200x300x835	1200x300x835
Piping Size	Packing (WxHxD)	mm	1115x280x690	1115x340x690	1345x345x830	1405x375x925	1405x375x925
	Net	kg	23	26	35	45	45
Piping Size	Gross	kg	28	30	40	52	52
	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25

Ceiling & Floor - R410A Cooling & Heating

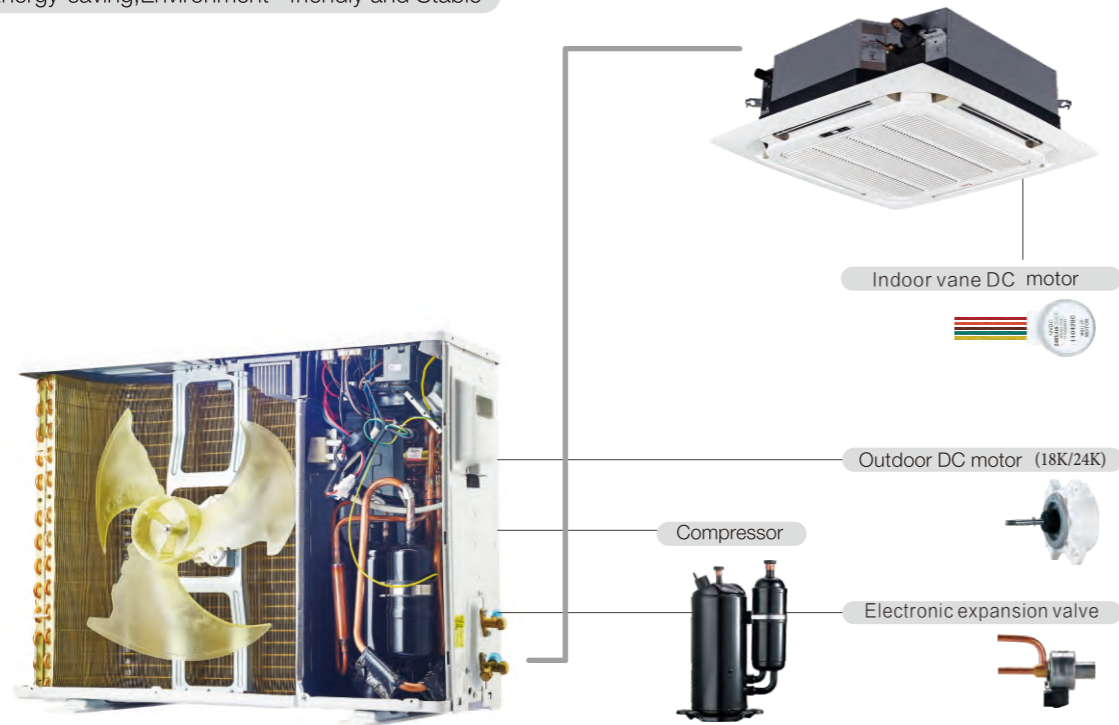


Indoor unit		Model	TUB-18HRA	TUB-24HRA	TUB-36HRSNS	TUB-48HRA	TUB-60HRA
Capacity	Cooling Capacity	kW	5.300	7.200	10.550	14.000	16.119
	Heating Capacity	kW	5.900	7.900	11.723	14.650	17.731
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input (W)						
Performance	Cooling		1712	2230	3468	4058	5147
	Heating		1762	2254	3578	4551	5594
	EER	W/W	3.10	3.23	2.95	3.08	2.88
	COP	W/W	3.29	3.35	3.38	3.61	3.44
Indoor dimension	Air Flow Volume	m ³ /h	900/800/700	1200/1050/900	1700/1300/1100	2177/1689/1434	2177/1689/1434
	Noise Level dB(A)	Hi/Med/Low	43/41/38	45/43/40	45/43/40	52/49/46	52/49/46
Indoor weight	Unit (WxHxD)	mm	1055x675x235	1055x675x235	1275x675x235	1635x675x235	1635x675x235
	Packing (WxHxD)	mm	1130x748x305	1130x748x305	1350x748x305	1710x748x305	1710x748x305
Piping Size	Net	kg	24	24	29	38	41
	Gross	kg	29	30	35	46	48
Piping Size	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25

All datas are subject to change without notice, due to our continuous improvement.

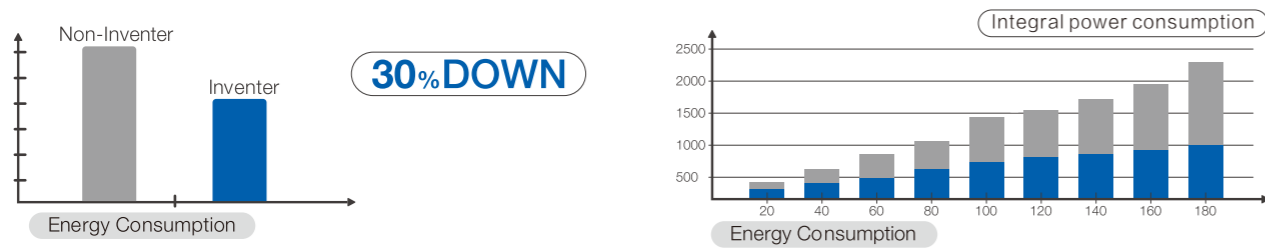
DC Inverter Air Conditioner

Smart, Energy-saving, Environment-friendly and Stable



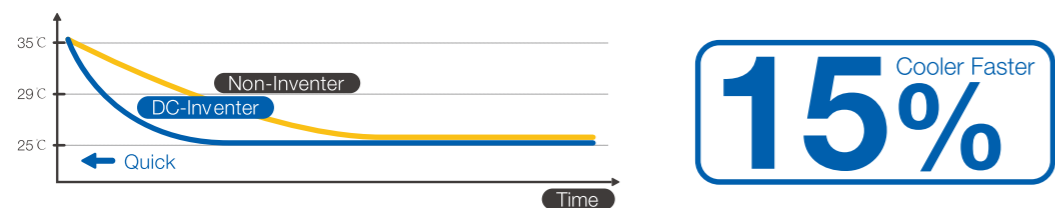
Saving Energy, Saving Money

A DC motor uses magnetic force to operate the compressor. This dramatically reduces energy consumption compared to conventional non-inverter motors. A DC inverter AC automatically slows down and operates at minimum suitable capacity after reaching the set temperature. Energy consumption can be reduced by 30%.



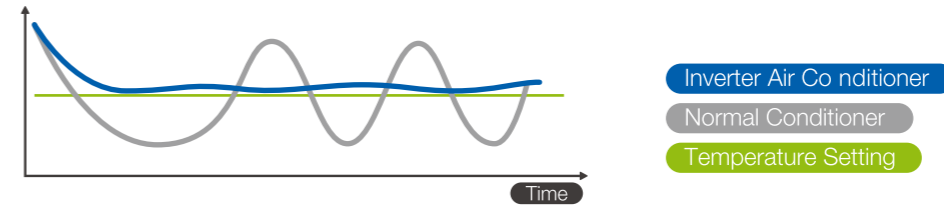
Strong Heating & Cooling

A DC inverter AC enables the compressor to achieve maximum frequency in the shortest time from start up. It cools you down 15% faster compared to conventional non-inverter AC. This make you enjoy more powerful cooling from the moment you switch on your DC Inverter AC.



Precise Control, Enjoy Comfort

- Temperature fluctuation is controlled within $\pm 0.1^{\circ}\text{C}$.
- A conventional non-inverter AC can only operate at a constant speed. Therefore, it switches the compressor on and off repeatedly. This causes wider temperature fluctuations.
- A DC inverter AC varies the rotation speed of the compressor providing a precise method of maintaining the set temperature. The temperature fluctuation is controlled within $\pm 0.5^{\circ}\text{C}$.



Low Noise

A DC inverter AC works at an extra-quiet mode to ensure you a good nights sleep.



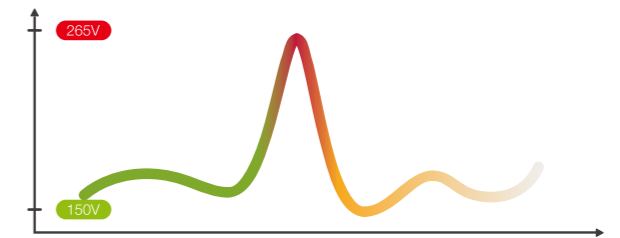
Low Temperature Heating

- The high frequency of a DC inverter AC enables the compressor to operate at various speed, which can be applied to different environment and ambient temperatures.
- TCL DC Inverter AC even can start at -15°C , keep you warm all the winter.

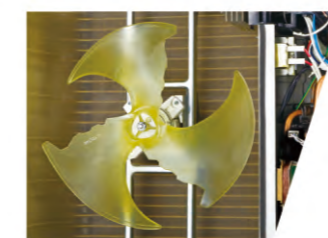


Wide Voltage Range

- In a DC Inverter AC, voltage and current to the motor are controlled to ensure high efficient operation and reduced vibration.
- A DC inverter AC can operate within the voltage range of 165-265V, even in voltage unstable areas.
- The start up voltage is as low as 135V.



Long Life Span



- **Soft Start Up**
The starting current of a DC inverter AC can be reduced by soft-starter kit, which reduces the damage to the compressor.
- **DC Inverter**
Much less activation of compressor of a DC inverter AC increase its life in the largest extent.
- **High Reliability Material**
To realize longer life span and to withstand high pressure.



Inverter

Universal Outdoor - R410A Cooling & Heating



Outdoor unit		Model	TCA-18CHRA(Q4)	TCA-24CHRA/DVI	TCA-36CHRA/DVI	TCB-48CHRA/DV3I	TCB-60CHRA/DV3I
Capacity	Cooling Capacity	kW	5.300	7.050	10.550	14.000	17.500
	Heating Capacity	kW	5.800	7.750	11.600	15.500	18.400
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Air Flow Volume	m³/h	2600	3500	4900	6300	6300
	Noise Level	dB(A)	55	58	59	60	60
Outdoor dimension	Unit(WxHxD)	mm	780×605×290	900×650×310	940×885×340	940×1250×340	940×1250×340
	Packing(WxHxD)	mm	883×653×412	1015×720×425	1030×950×430	1030×1272×430	1030×1272×430
Outdoor weight	Net	kg	33	52	75	93	98
	Gross	kg	36	57	80	103	108
Piping Size	Liquid Pipe Size	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas Pipe Size	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Max. Pipe Length	m	35	35	50	50	50
	Max. Height Difference	m	25	25	30	30	30
Operating Range	Cooling	°C	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24



Cassette - R410A Cooling & Heating

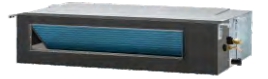
Indoor unit		Model	TCA-18CHRA(Q4)	TCA-24CHRA/DVI	TCA-36CHRA/DVI	TCB-48CHRA/DV3I	TCB-60CHRA/DV3I
Capacity	Cooling Capacity	kW	5.300	7.050	10.550	14.000	17.500
	Heating Capacity	kW	5.800	7.750	11.600	15.500	18.400
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input (W)	Cooling	1640	2180	3080	4220	5450
		Heating	1706	2279	3412	4559	4559
Performance	EER	W/W	3.22	3.22	3.43	3.32	3.21
	COP	W/W	3.35	3.34	3.60	3.50	3.38
	Air Flow Volume	m³/h	800/750/600	1300/1000/900	1660/1300/1100	1660/1300/1100	1700/1300/1100
	Noise Level dB(A)	Hi/Med/Low	41/38/34	43/41/37	45/43/41	47/45/42	50/47/45
Indoor dimension	Unit(WxHxD)	mm	575x260x575	840x230x840	840x230x840	840x300x840	840x300x840
	Packing(WxHxD)	mm	725x300x725	925x290x925	925x360x925	925x360x925	925x360x925
Indoor weight	Net	kg	24	25	30	30	31
	Gross	kg	29	30	35	35	36
Panel	Unit(WxHxD)	mm	950x45x950	950x45x950	950x45x950	950x45x950	950x45x950
	Packing(WxHxD)	mm	735x130x735	1035x80x1035	1035x80x1035	1035x80x1035	1035x80x1035
	Net/Gross	kg	2.5/4.5	6/9	6/9	6/9	6/9
Piping Size	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25

*All datas are subject to change without notice, due to our continuous improvement.



Inverter

Duct - R410A Cooling & Heating



Indoor unit		Model	TCA-18D2HRA/DVI	TCA-24D2HRA/DVI	TCA-36D2HRA/DVI	TCB-48D2HRA/DV3I	TCB-60D2HRA/DV3I
Capacity	Cooling Capacity	kW	5.300	7.050	10.550	14.000	17.500
	Heating Capacity	kW	5.800	7.900	11.700	14.650	18.400
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input (W)	Cooling	1635	2180	3050	4180	5420
		Heating	1810	2350	3224	4440	5460
Performance	EER	W/W	3.32	3.22	3.46	3.35	3.23
	COP	W/W	3.43	3.34	3.63	3.50	3.37
	Air Flow Volume	m³/h	1100/900/700	1300/1100/900	1650/1450/1050	2000/1700/1250	2200/1800/1500
	External Static Pressure	Pa	40	50	80	100	100
Indoor dimension	Noise Level dB(A)	Hi/Med/Low	43/40/36	48/1/37	47/44/40	49/47/44	51/49/46
	Unit(WxHxD)	mm	920x210x605	920x270x605	1140x270x745	1200x300x835	1200x300x835
	Packing(WxHxD)	mm	1115x280x690	1115x340x690	1345x345x830	1405x375x925	1405x375x925
Indoor weight	Net	kg	23	26	35	45	45
	Gross	kg	28	30	40	52	52
Piping Size	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25



Ceiling & Floor - R410A Cooling & Heating

Indoor unit		Model	TCA-18ZHRA/DVI	TCA-24ZHRA/DVI	TCA-36ZHRA/DVI	TCB-48ZHRA/DV3I	TCB-60ZHRA/DV3I
Capacity	Cooling Capacity	kW	5.300	7.050	10.550	14.000	17.500
	Heating Capacity	kW	5.800	7.620	11.700	15.530	18.400
Electrical parts	Power Supply	V~, Hz, Ph	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
	Power Input(W)	Cooling	1635	2180	3090	4140	5500
		Heating	1810	2350	3270	4438	5420
Performance	EER	W/W	3.32	3.22	3.41	3.38	3.18
	COP	W/W	3.43	3.34	3.58	3.50	3.39
	Air Flow Volume	m³/h	1000/950/850	1300/1200/1100	1500/1250/1050	1800/1550/1250	2000/1770/1450
	Noise Level dB(A)	Hi/Med/Low	43/41/38	45/43/40	46/44/42	52/49/46	54/51/48
Indoor dimension	Unit(WxHxD)	mm	1055x675x235	1055x675x235	1275x675x235	1635x675x235	1635x675x235
	Packing(WxHxD)	mm	1130x748x305	1130x748x305	1350x748x305	1710x748x305	1710x748x305
Indoor weight	Net	kg	24	24	29	38	41
	Gross	kg	29	30	35	46	48
Piping Size	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25

*All datas are subject to change without notice, due to our continuous improvement.

10HP F/S&Duct

- Strong cooling&Heating
- Extra-long distance air supply

High Static Pressure Duct



Supermarket, Cinemas, Factorie, Waiting rooms



Floor Standing



Business hall, Waiting rooms, Factory, Restaurant

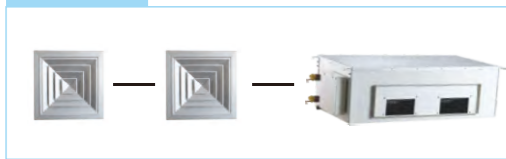


Features

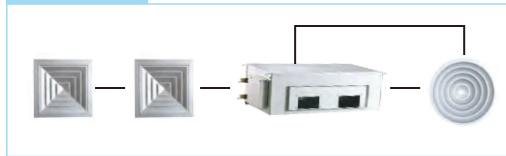
High Static Pressure Design To Meet Various Space Requirements

Long distance air flow with a high pressure static from 100-196Pa.

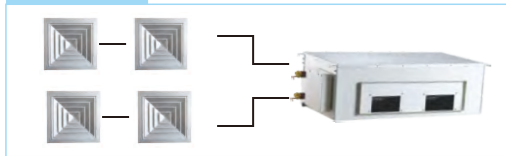
Long-shaped room



L-shaped room



Big room



Fresh Air Can Be Introduced To Improve Air Quality (optional)

Easy introduction of outdoor fresh air, ready to send you comfortable fresh air, Comfortable to experience, effectively prevent air conditioning.



Multiple Protection Functions, Comprehensive And Reliable

The unit has "pressure protection", "temperature protection", "current protection", "communication fault", Guarantee the reliable operation of the unit.



Pressure protection Temperature protection Current protection Communication fault

Various Forms Of Air Outlets, Matching With Decoration

The indoor unit adopts a hidden installation mode, which can be equipped with appropriate air outlets to perfectly combine the air conditioning.



Features

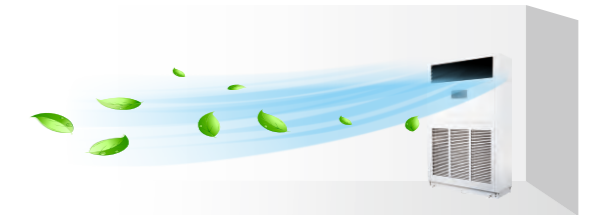
The Appearance Is Refreshing, Fashionable

The appearance adopts the mainstream white, the shell adopts the pure sheet metal design, the structure strength is good, the texture is good.



Comfortable Air Supply

A wide Angle 180° of uniform air supply, the outlet with wide and high efficiency centrifugal fan design, can Long-distance air supply, double environmental comfort.



Clear Installation Design, Easy Installation

Simple pipe connection and wiring operation can be completed on the ground. The installation process is simple, efficient, short installation time and ensures installation quality.



Strong Cooling&Heating

The design of 10Ph power and super air capacity can realize strong refrigeration and heating. Dustproof design, air guide bar is closed after stop.



PARAMETER

PARAMETER

10HP Series

10HP Outdoor Unit

Outdoor unit		Model	TCA-90FHR/U3	TCA-90D1HA/U3TO
Capacity	Cooling Capacity	kW	28.100	28.136
	Heating Capacity	kW	30.775	28.722
Electrical parts	Power Supply	V ~, Hz, Ph	380-415V~/50Hz/3P	380-415V~/50Hz/3P
	Power Input (W)	Cooling	9260	11860
Performance	EER	W/W	3.04	2.37
		W/W	3.41	2.89
	Air Flow Volume	m ³ /h	10425	10425
	Noise Level (dB(A))	Hi	63	68
Indoor dimension	Unit (WxHxD)	mm	1120×1560×400	1120×1560×400
	Packing (WxHxD)	mm	1250×1721×560	1250×1721×560
Outdoor weight	Net	kg	179	179
	Gross	kg	196	196
Piping size	Liquid	mm	φ9.52(×2)	φ9.52(×2)
	Gas	mm	φ19.05(×2)	φ19.05(×2)
	Drainage	mm	OD32	OD32



10HP Floor Standing-R410A

Indoor unit		Model	TCA-90FHR/U3
Outdoor unit		Model	TCA-90FHR/U3
Capacity	Cooling Capacity	kW	28.100
	Heating Capacity	kW	30.775
Electrical parts	Power Supply	V ~, Hz, Ph	220-240V~/50Hz/1P
	Power Input (W)	Cooling	9700
Performance	EER	W/W	2.90
		W/W	3.36
	Air Flow Volume	m ³ /h	4600
	Noise Level (dB(A))	Hi/Med/Low	58/56/53
Indoor dimension	Unit (WxHxD)	mm	1200×1860×420
	Packing (WxHxD)	mm	1330×2030×570
Indoor weight	Net	kg	143
	Gross	kg	155
Piping Size	Liquid	mm	φ9.52(×2)
	Gas	mm	φ19.05(×2)
	Drainage	mm	OD32



10HP Duct-R410A

Indoor unit		Model	TCA-90D1HWA/U3I
Outdoor unit		Model	TCA-90D1HA/U3TO
Capacity	Cooling Capacity	kW	28.136
	Heating Capacity	kW	28.722
Electrical parts	Power Supply	V ~, Hz, Ph	220-240V~/50Hz/1P
	Power Input (W)	Cooling	11860
Performance	EER	W/W	2.37
		W/W	2.89
	Air Flow Volume	m ³ /h	4500
	Noise Level (dB(A))	Hi/Med/Low	58/56/53
Indoor dimension	Unit (WxHxD)	mm	1366×470×758
	Packing (WxHxD)	mm	1620×700×975
Indoor weight	Net	kg	121
	Gross	kg	160
Piping Size	Liquid	mm	φ9.52(×2)
	Gas	mm	φ19.05(×2)
	Drainage	mm	OD32



Controller

Wired Controller

Wire controller (optional)

- On/Off, temperature setting;
- Mode setting;
- Monitoring function;
- Error code display
- Timer function.



Remote Controller



*All datas are subject to change without notice, due to our continuous improvement.