



air conditioning

FULL SERIES OF
FIXED SPEED & INVERTER



LEADING AIR CONDITIONING INTO
A NEW ERA OF TRUE INTELLIGENCE

SMART AIR WE ENJOY



TCL AC | SMART AIR WE ENJOY

LEADING AIR CONDITIONING INTO A NEW ERA OF TRUE INTELLIGENCE



NEYMAR JR

TCL GLOBAL BRAND AMBASSADOR

BORN A LEGEND



TCL Corporation

Global Footprint

75,000: Employees around the world

26: Research institutes

22: Manufacturing and processing bases

80: Sales organisations in more than 80 countries and regions

160: Global business in more than 160 countries and regions

Innovation Leading

694,000,000 \$: R&D Investment in 2017

46,976: Total patent applications

15,772: Total licensed patents

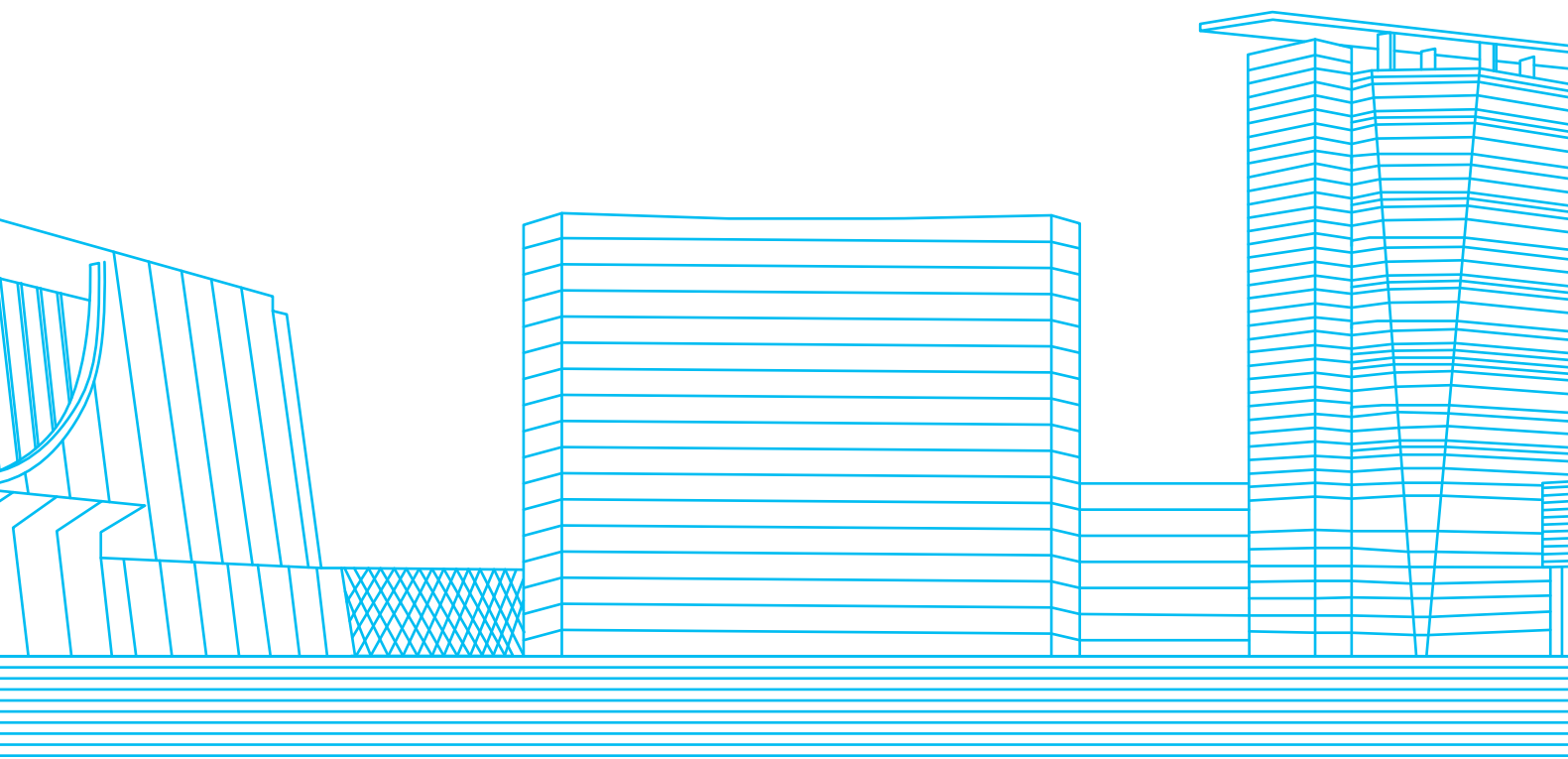
Listed Companies

TCL Corporation (SZ. 000100)

TCL Multimedia Technology (01070. HK)

TCL Display Technology (00334. HK)

Tonly Electronics (01249. HK)



USD 17.57 Billion
(111.6 Billion RMB)

Revenue 2017

USD 12.7 Billion
(80.6 Billion RMB)

Brand Value 2017



TCL Global Branding



Sandton City Mall



Sponsor for the Meyerton Knights Rugby Club



New York Times Square

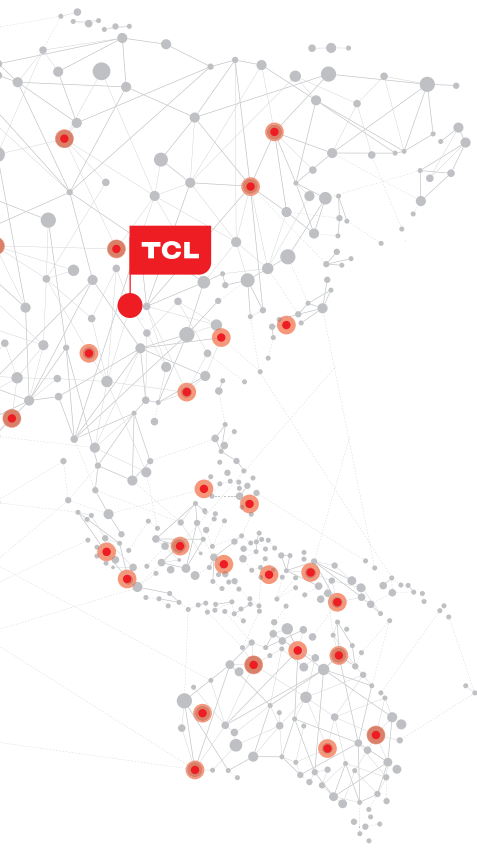


The Colosseum



Sydney Opera House





Global Partnership with FIBA



Moulin Rouge



Thailand



Sponsor for the Philippines Basketball Association

Sponsor for Chinese National Men's Basketball Team



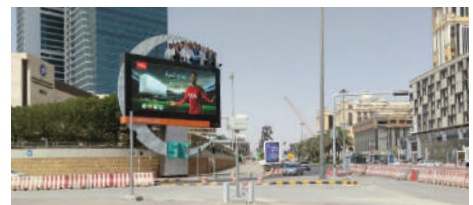
Empire State Building



Malaysia



Saudi Arabia



Indonesia

Sponsor for the Delhi Capitals



Neymar Jr. Global Brand Ambassador



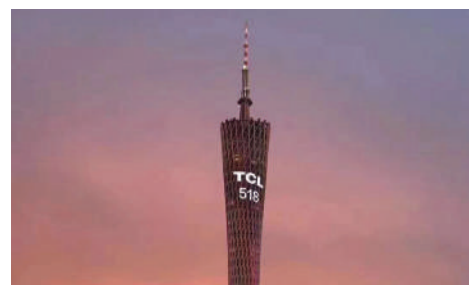
Sponsor for Argentina Rugby & Football Games



Novotel Moscow Sheremetyevo Airport



Canton Tower



TCL Air Conditioning

Strong Industry Capability

Currently, TCL has 6 Production Bases in Zhongshan, Wuhan, Jiujiang and Huizhou.

13,000,000

The total production capacity of TCL Air Conditioning has reached 13 million sets per year.



Zhongshan 1st Base (7 million pcs of outdoor units)



Zhongshan 2nd Base
(7 million pcs of indoor units)



TCL-Rechi Compressor JV
(16 million pcs of compressors)



Jiujiang Base (2 million sets of air-cons)



Wuhan Base (3 million sets of air-cons)

Certificates



ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



TCL-De' Longhi JV
(1 million pcs of portable air-cons & dehumidifiers)

TCL Redefined The Truly Intelligent Inverter Air Conditioner

More Energy-Saving

AI Inverter Algorithm

- Electricity consumption control*
- Energy-saving operation
- Constant temperature & ultra-low frequent operation

More Comfort & Health

Rapid Cooling/Heating

- Outlet temperature decreases to 18°C in 30''
- Outlet temperature increases to 40°C in 60''

Smart Air Flow

- 55°C high temperature self-cleaning (heat pump only)
- Filter-cleaning reminder
- Comfortable cooling

**APP Required*

More Suitable for Users

Cloud Self-Learning*

- Intelligent photosensitive control
- Smart scenario*

Strong Cooling in High Ambient Temperature

- 60°C ambient: Maintain strong cooling
- 50°C ambient: No cooling capacity declined

More Comfort & Health

Smart Air Flow



Shower-Style Air Flow



Blanket-Style Air Flow

In cooling mode, the cool air is blowing towards the ceiling to provide a shower-style cooling experience.

In heating mode, the warm air is blowing towards the floor to provide a blanket-style heating experience.

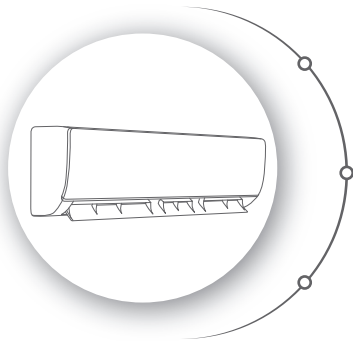




Miracle Series

Split Air-Con

3E



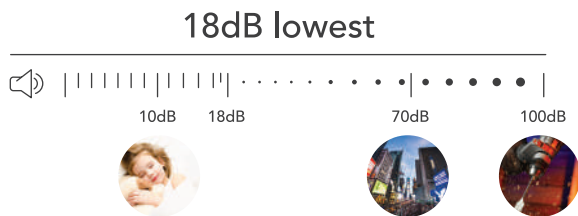
- Easy Assembly Save Up To 20%

- Easy Installation Save Up To 20%

- Easy Maintenance Save Up To 30%

Super Quiet: 18dB Lowest

The noise of an air conditioner can reach up to 80dB (lowest).



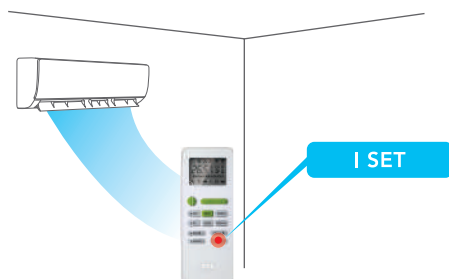
Comfortable Cooling

Avoiding too much dehumidification. Maintaining comfortable humidity.



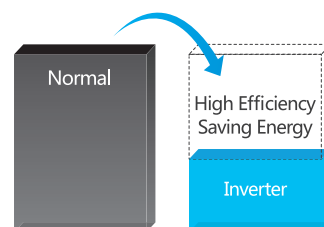
I Set

Once it is activated, the air-con will remember all of your settings automatically and will have them restored the next time you press the button.



High Efficiency

Larger air inlet and outlet and optimized duct system largely increases its efficiency and saves energy consumption.



Miracle Series

VB



Standard



Emergency Button



Anti-Cold Air



3-Easy



5-Fan Speed



Dual Drainage



Louver Position Memory



Self-Diagnosis

Optional



WIFI Control



I Feel



8°C Heating



Low Temperature Cooling



Turbo Mode



Comfortable Cooling

Miracle Fixed Speed

ITEM NO.		TAC-09CHSA/VB	TAC-12CHSA/VB	TAC-18CHSA/VB	TAC-24CHSA/VB	
Type		Heat pump	Heat pump	Heat pump	Heat pump	
Control type		Remote	Remote	Remote	Remote	
Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	
Voltage range		V	198~264	198~264	198~264	
Energy efficiency class		A	A	A	A	
Cooling	Capacity	W	2650	3550	5300	6700
	Rated power input	W	805	1090	1650	2090
	Rated current	A	3.8	5.2	7.8	9.9
	EER	W/W	3.29	3.26	3.21	3.21
	Max power input	W	1050	1420	2145	2720
	Max current	A	5.0	6.7	10.2	12.9
Heating	Capacity	W	2800	3680	5450	6900
	Rated power input	W	835	1020	1510	1895
	Rated current	A	3.9	4.8	7.1	8.9
	COP	W/W	3.35	3.61	3.61	3.64
	COP		A	A++	A++	A++
	Max power input	W	1090	1325	1965	2465
Max current	A	5.1	6.2	9.2	11.5	
Moisture removal		Liters/h	1.0	1.3	1.8	2.6
Indoor noise level		dB(A)	41	42	43	44
Outdoor noise level		dB(A)	50	52	56	58
Compressor	Refrigerant	Kg	0.56	0.6	1.32	1.35
	Type		Rotary	Rotary	Rotary	Rotary
Expansion device			Capillary	Capillary	Capillary	Capillary
Indoor air flow (Hi/Mi/Lo)		m3/h	600/600	750/750	950/950	1250/1250
Indoor unit	Dimension (W*D*H)	mm	728×285×205	820×306×210	972×310×225	1095×327×235
	Packing (W*D*H)	mm	795×355×275	885×366×278	1036×376×295	1158×388×308
	Net/Gross weight	Kg	8/10	9/12	11/14	15/18
Outdoor unit	Dimension (W*D*H)	mm	600×500×230	700×550×256	780×605×290	820×605×300
	Packing (W*D*H)	mm	705×550×320 (with pipe)	803×600×361 (with pipe)	883×653×412 (with pipe)	920×635×402 (with pipe)
	Net/Gross weight	Kg	24/28 (with pipe)	25/30 (with pipe)	38/43 (with pipe)	45/52 (with pipe)
Refrigerant piping	Liquid side/Gas side	mm (inch)	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ12(1/2")	φ6(1/4")/φ15.88(5/8")
	Max. refrigerant pipe length	m	15	15	15	15
	Max. difference in level	m	5	5	5	5
Pressure	High (DP)	MPa	4.5	4.5	4.5	4.5
	Low (SP)	MPa	1.9	1.9	1.9	1.9
Refrigerant			R410A	R410A	R410A	R410A
Ambient temperature		°C	-7~43	-7~43	-7~43	-7~43

Elite Series

Split Air-Con

Smart Air Flow

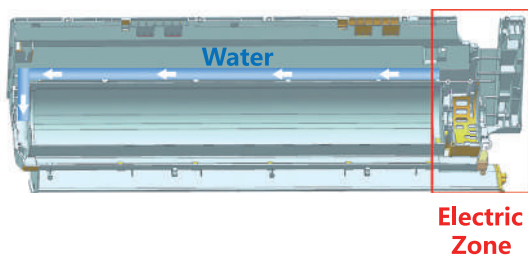
In cooling mode, the cool air is blowing towards the ceiling to provide shower-style cooling experience. In heating mode, the warm air is blowing towards the floor to provide blanket-style heating experience.



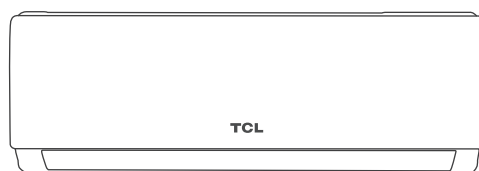
Safety Design

- No Connection Between Condensate Water & Electricity.

- Fireproof Electric Control Box
BMC material is applied which creates high heat resistance & erosion resistance.



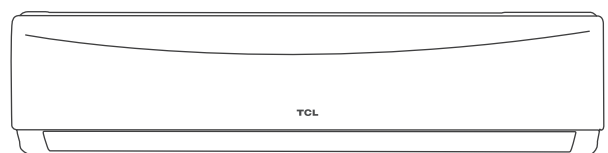
The Most Compact Unit:



698mm

For 7K BTU/H Model

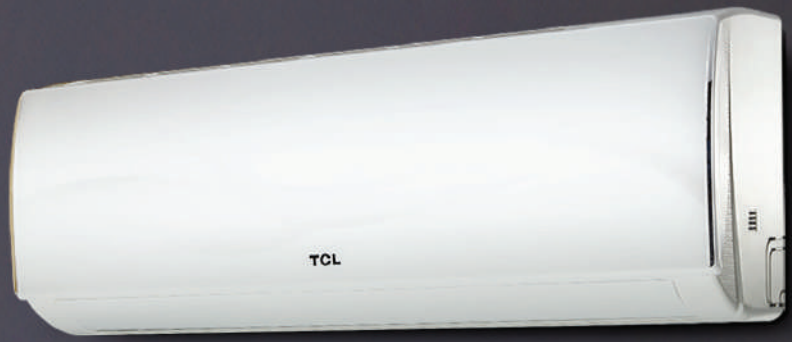
The Biggest Unit:



1460mm

For 36K BTU/H Model

The Biggest Loading QTY: 9K BTU/H: 365 Sets/40HQ, 12K BTU/H: 340 Sets/40HQ



Elite Series

XA51



Standard



Emergency Button Independent Dehumidify Low Noise Anti-Cold Air Sleep Mode Dual Drainage Rust Proof



24H Timer Auto Restart

Optional



Horizontal Auto Swing Celsius & Fahrenheit Degree Switch Chord Response ECO Turbo Mode Comfortable Cooling

Elite Fixed Speed

ITEM NO.		TAC-09CHSA/XA51	TAC-12CHSA/XA51	TAC-18CHSA/XA51	TAC-24CHSA/XA51	
Type		Heat pump	Heat pump	Heat pump	Heat pump	
Control type		Remote	Remote	Remote	Remote	
Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	
Voltage range		V	198~264	198~264	198~264	
Energy efficiency class		B	B	B	B	
Cooling	Capacity	W	2650	3520	5280	6490
	Rated power input	W	850	1132	1665	2060
	Rated current	A	3.8	5.0	7.5	9.3
	EER	W/W	3.11	3.11	3.17	3.15
	Max power input	W	1105	1480	2165	2680
	Max current	A	4.9	6.5	9.7	12.1
Heating	Capacity	W	2790	3670	5430	6860
	Rated power input	W	725	1180	1535	1965
	Rated current	A	3.2	5.2	6.9	8.9
	COP	W/W	3.85	3.11	3.54	3.49
	COP		A++	B	A+	A+
	Max power input	W	945	1550	1920	2555
	Max current	A	4.2	6.8	8.9	11.6
Moisture removal	Liters/h	1.0	1.3	1.8	2.4	
Indoor noise level	dB(A)	39	40	44	45	
Outdoor noise level	dB(A)	51	52	56	57	
Compressor	Refrigerant	Kg	0.56	0.6	1.17	1.4
	Type		Rotary	Rotary	Rotary	Rotary
Expansion device			Capillary	Capillary	Capillary	Capillary
Indoor air flow (Hi/Mi/Lo)		m3/h	550/550	700/700	850/850	1200/1200
Indoor unit	Dimension (W*D*H)	mm	777×250×205	777×250×205	910×292×205	1010×315×220
	Packing (W*D*H)	mm	848×318×277	848×318×277	977×370×275	1094×391×294
	Net/Gross weight	Kg	8/11	8/11	10/13	13/16
Outdoor unit	Dimension (W*D*H)	mm	600×230×500	700×256×550	780×605×290	820×605×300
	Packing (W*D*H)	mm	705×550×320 (with pipe)	803×361×600 (with pipe)	883×653×412 (with pipe)	920×635×402 (with pipe)
	Net/Gross weight	Kg	24/28 (with pipe)	25/30 (with pipe)	39/44 (with pipe)	43/50 (with pipe)
Refrigerant piping	Liquid side/Gas side	mm (inch)	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ12(1/2")	φ6(1/4")/φ15.88(5/8")
	Max. refrigerant pipe length	m	15	15	15	15
	Max. difference in level	m	5	5	5	5
Pressure	High (DP)	MPa	4.5	4.5	4.5	4.5
	Low (SP)	MPa	1.9	1.9	1.9	1.9
Refrigerant			R410A	R410A	R410A	R410A
Ambient temperature		°C	-7~43	-7~43	-7~43	-7~43
Suitable area		m2	9~16	15~23	20~35	27~45

Elite Inverter

ITEM NO.		TAC-09CHSA/XA51I	TAC-12CHSA/XA51BI	TAC-18CHSA/XA51I	TAC-24CHSA/XA51I	
Type		Heat pump	Heat pump	Heat pump	Heat pump	
Control type		Remote	Remote	Remote	Remote	
Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	
Voltage range		V	165~265	165~265	165~265	
Energy efficiency class		A	B	A	A	
Cooling	Capacity	W	2650 (1000~2950)	3290 (1000~3970)	5490 (1800~5700)	7035 (1500~8000)
	Rated power input	W	825 (320~1200)	1070 (320~1400)	1710 (500~2100)	2095 (350~3200)
	Rated current	A	3.7 (1.8~5.8)	5.0 (1.4~6.3)	7.8 (2.3~9.6)	9.7 (1.7~15.5)
	EER	W/W	3.21	3.07	3.21	3.36
	Max power input	W	1200	1400	2100	3200
	Max current	A	5.8	6.3	9.6	15.5
Heating	Capacity	W	3000 (1000~2790)	3250 (1000~3990)	5600 (1800~6500)	7100 (1500~8500)
	Rated power input	W	800 (320~1200)	1055 (320~1430)	1660 (500~2350)	2215 (300~3200)
	Rated current	A	3.5 (1.8~5.8)	4.9 (1.4~6.2)	7.5 (2.3~10.8)	10.2 (1.5~15.5)
	COP	W/W	3.49	3.08	3.37	3.21
	COP		A+	B	A+	A
	Max power input	W	1200	1430	2350	3200
	Max current	A	5.8	6.2	10.8	15.5
Moisture removal	Liters/h	1.0	1.3	1.8	2.6	
Indoor noise level	dB(A)	37	38	42	48	
Outdoor noise level	dB(A)	50	51	54	59	
Compressor	Refrigerant	Kg	0.52	0.61	1.35	2.0
	Type		Rotary	Rotary	Rotary	Rotary
Expansion device			Capillary	Capillary	Electronic expansion valve	Electronic expansion valve
Indoor air flow (Hi/Mi/Lo)		m3/h	550/550	650/650	850/850	1200/1200
Indoor unit	Dimension (W*D*H)	mm	698×255×190	777×250×205	910×292×205	1010×315×220
	Packing (W*D*H)	mm	762×323×269	848×318×277	977×370×275	1094×391×294
	Net/Gross weight	Kg	6/8	8/11	10/13	13/16
Outdoor unit	Dimension (W*D*H)	mm	700×550×256	700×550×256	780×605×290	900×650×315
	Packing (W*D*H)	mm	803×585×325 (without pipe)	803×585×325 (without pipe)	883×653×412	1015×720×425
	Net/Gross weight	Kg	24/28 (without pipe)	29/30 (without pipe)	36/41 (without pipe)	44/53 (without pipe)
Refrigerant piping	Liquid side/Gas side	mm (inch)	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ9(3/8")	φ6(1/4")/φ12(1/2")	φ6(1/4")/φ15.88(5/8")
	Max. refrigerant pipe length	m	15	15	15	15
	Max. difference in level	m	5	5	5	5
Pressure	High (DP)	MPa	4.5	4.5	4.5	4.5
	Low (SP)	MPa	1.9	1.9	1.9	1.9
Refrigerant			R410A	R410A	R410A	R410A
Ambient temperature		°C	-15~50	-15~50	-15~50	-15~50
Suitable area		m ²	9~16	15~23	20~35	30~50

TCL Leads Air Conditioning Into A New Era of True Intelligence

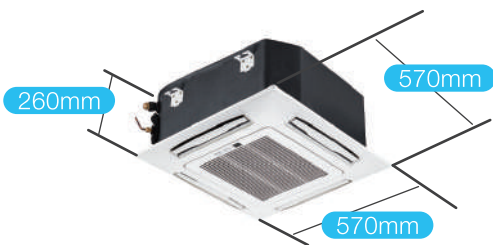




Cassette

4 Way Flow 570mm x 570mm available

Special design compact cassette of 18K, for installations with limited space.



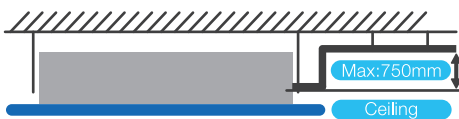
8 Way Flow 830mm x 830mm available

Standard design 8-way flow cassette from 24K to 60K.



Built in Drainage Pump

The condensate water can be lifted up to 750mm, which is convenient for installation.



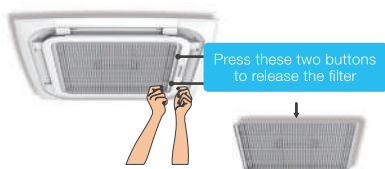
New Designed Panel

New design which is more suitable for room decoration.



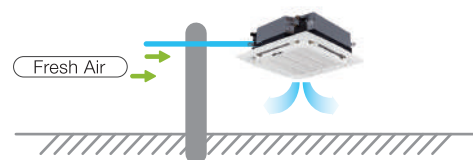
Easy-Clean Filter

Filters can be removed easily for cleaning and maintenance.



Fresh Air Inlet

Fresh air is brought in to increase room air quality to be more comfortable and healthy.



Fixed Speed Cassette Indoor

Q8 Cassette Indoor			TCC-18HRA-4	TCC-24HRA	TCC-36HRSA/S	TCC-48HRSA	TCC-60HRSA
Flow			4-Way	8-Way	8-Way	8-Way	8-Way
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	48000	60000
	Capacity	W	5100	7200	10500	14000	16000
	Input	W	1683	2432	3750	4636	6000
Heating	Capacity	BTU/H	19000	26500	40000	51200	66000
	Capacity	W	5600	8000	12000	16000	17500
	Input	W	1761	2192	3500	5079	6200
Indoor air flow (Hi/Mi/Lo)		m3/h	800/750/600	1400/1200/950	1700/1500/1400	1700/1500/1400	1900/1700/1500
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/38/34	43/41/37	45/43/41	45/43/41	47/44/43
Indoor unit	Unit (W*D*H)	mm	575x260x575	830x230x830	830x290x830	830x230x830	830x230x830
	Packing (W*D*H)	mm	725x300x725	950x265x950	950x320x950	950x320x950	950x320x950
	Net/Gross weight	Kg	18.5/23	27/30	30/37	30/37	31/38
Panel	Unit (W*D*H)	mm	650x30x650	950x45x950	950x45x950	950x45x950	950x45x950
	Packing (W*D*H)	mm	760x100x760	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Net/Gross weight	Kg	2.5/4.5	6/9	6/9	6/9	6/9
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD32	OD32	OD32	OD32	OD32
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30
Operation control			Remote controller	Remote controller	Remote controller	Remote controller	Remote controller

Inverter Cassette Indoor

Q8 Cassette Indoor			TCC-18HRA-4I	TCC-24HRAI	TCC-36HRSA/SI	TCC-48HRSAI	TCC-60HRSAI
Flow			4-Way	8-Way	8-Way	8-Way	8-Way
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	48000	60000
	Capacity	W	5276	7034	10550	14000	17500
	Input	W	1640	2190	3280	4370	5450
	Rated current	A	7.1	9.9	15.0	8.2	9.50
Heating	Capacity	BTU/H	19650	26000	40000	53000	63000
	Capacity	W	5759	7620	11700	15530	18400
	Input	W	1720.00	2360.00	3600	4810	5750
	Rated current	A	7.90	10.6	15.00	9.1	10.10
Indoor air flow (Hi/Mi/Lo)		m3/h	900/800/600	1300/1100/900	1660/1300/1100	1660/1300/1100	1700/1300/1100
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/38/34	44/41/37	45/43/40	47/45/42	50/47/45
Indoor unit	Unit (W*D*H)	mm	575x260x575	830x230x830	830x290x830	830x290x830	830x290x830
	Packing (W*D*H)	mm	725x300x725	950x265x950	950x320x950	950x320x950	950x320x950
	Net/Gross weight	Kg	18.5/23	24/29	30/35	30/35	30/35
Panel	Unit (W*D*H)	mm	650x30x650	950x45x950	950x45x950	950x45x950	950x45x950
	Packing (W*D*H)	mm	760x100x760	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Net/Gross weight	Kg	2.5/4.5	6/9	6/9	6/9	6/9
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD32	OD32	OD32	OD32	OD32
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30
Operation control			Remote controller	Remote controller	Remote controller	Remote controller	Remote controller



Ceiling & Floor

LED Display

Fashionable design with clear LED display of temperature and error codes.



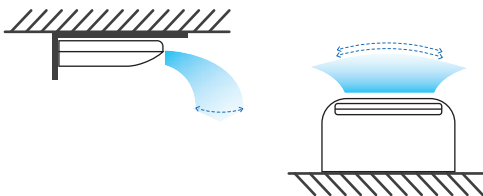
Ultra-Thin Design

Compact design which fits various room styles.



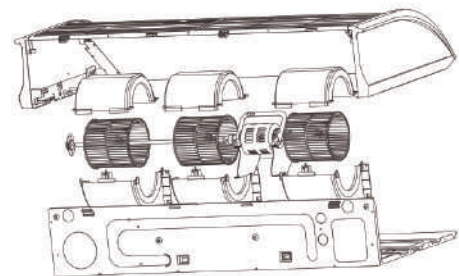
Wide Range of Air Flow

Air is supplied in a wider angle with cross-direction swing.



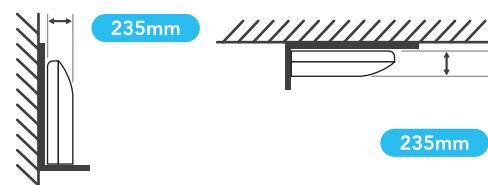
Detachable Plastic Blowers

Universal designed parts and assemblies applied, which is easy for maintenance.



Flexible Installation

Two ways of installation available, either ceiling suspended or floor standing.

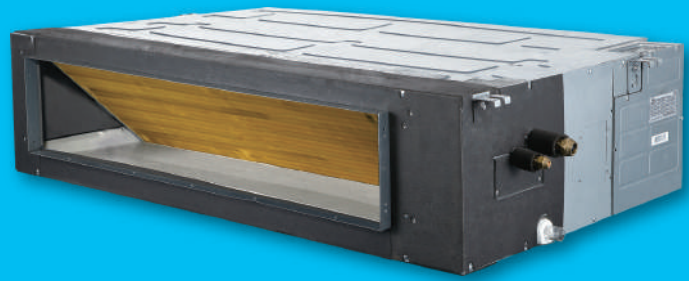


Fixed Speed Ceiling Floor Indoor

			TUB-18HRA	TUB-24HRA	TUB-36HRSA/S	TUB-48HRSA	TUB-60HRSA
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	48000	55000
	Capacity	W	5300	7200	10500	14000	16000
	Input	W	1712	2230	3578	4551	5594
Heating	Capacity	BTU/H	20000	26500	40000	50000	60500
	Capacity	W	5862	7767	12000	14654	17732
	Input	W	1782	2254	3468	4432	5147
Indoor air flow (Hi/Mi/Lo)		m3/h	900/800/700	1200/950/770	1700/1300/1100	2177/1689/1434	2455/2393/1330
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/41/38	45/43/40	45/43/40	52/49/46	52/49/46
Indoor unit	Unit (W*D*H)	mm	1055x675x235	1055x675x235	1275x675x235	1635x675x235	1635x675x235
	Packing (W*D*H)	mm	1140x755x313	1140x755x313	1360x755x313	1720x755x313	1720x755x313
	Net/Gross weight	Kg	23/30	24/30	29/35	38/46	38/48
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD25	OD25	OD25	OD25	OD25
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30
Operation control			Remote controller	Remote controller	Remote controller	Remote controller	Remote controller

Inverter Ceiling Floor Indoor

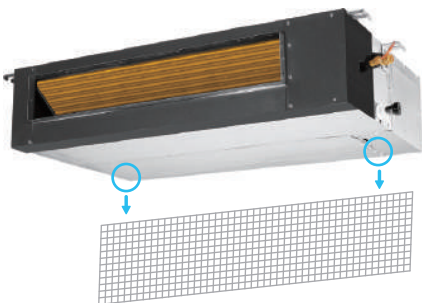
			TUB-18HRAI	TUB-24HRAI	TUB-36HRSA/SI	TUB-48HRSAI	TUB-60HRSAI
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	48000	60000
	Capacity	W	5274	7034	10550	14000	17500
	Input	W	1635	2180	3280	4370	5460
	Rated current	A	7.2	9.9	15.0	8.20	9.50
Heating	Capacity	BTU/H	19800	26000	40000	53000	63000
	Capacity	W	5800	7620	11700	15530	18400
	Input	W	1810.00	2350.00	3600	4810	5750
	Rated current	A	8.1	10.6	15.5	9.10	10.10
Indoor air flow (Hi/Mi/Lo)		m3/h	1100/860/700	1300/1050/900	1500/1250/1050	1800/1550/1250	1950/1770/1450
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/40/36	45/41/37	46/44/42	52/49/46	55/51/48
Indoor unit	Unit (W*D*H)	mm	1055x675x235	1055x675x235	1275x675x235	1635x675x235	1635x675x235
	Packing (W*D*H)	mm	1131x753x313	1131x753x313	1351x753x313	1711x753x313	1711x753x313
	Net/Gross weight	Kg	23/28	27/32	30/36	39/46	41/48
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD32	OD32	OD25	OD25	OD25
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30
Operation control			Remote controller	Remote controller	Remote controller	Remote controller	Remote controller



Ducted

Easy Maintenance

Filters can be easily removed for cleaning



Dual Direction of Water Drainage

The condensate water can be drained either from the left or right.



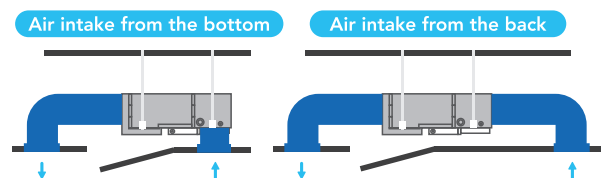
Wired Control

Wired control is standard, especially for hotel rooms, offices etc.



Flexible Air Intake

It is optional to have the air inlet from the back or bottom with the same size of plate, which makes it very flexible and convenient for installation.



Fixed Speed MESP Ducted Indoor

			TTB-18HWA	TTB-24HWA	TTB-36HWSA/S	TTB-36HWSA	TTB-48HWSA	TTB-60HWSA
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	36000	48000	60000
	Capacity	W	5300	7200	10500	10500	14000	16000
	Input	W	1761	2315	3710	3584	4950	6500
Heating	Capacity	BTU/H	20000	26500	40000	40000	51500	66000
	Capacity	W	5900	8000	12000	12000	16000	17500
	Input	W	1513	2388	3510	3468	5200	6800
Indoor air flow (Hi/Mi/Lo)		m3/h	1170/770/650	1500/950/800	2270/1890/1650	2270/1890/1650	3010/2410/1940	3200/2600/2030
Indoor external static pressure (Hi)		Pa	70	70	80	80	100	100
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/35/32	45/42/40	46/44/42	46/44/42	47/44/42	47/45/43
Indoor unit	Unit (W*D*H)	mm	920x210x605	920x270x605	1140x270x745	1140x270x745	1200x300x835	1200x300x835
	Packing (W*D*H)	mm	1115x280x690	1115x340x690	1345x360x830	1345x360x830	1405x390x925	1405x390x925
	Net/Gross weight	Kg	23/28	25/32	35/40	35/40	45/52	48/54
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD25	OD25	OD25	OD25	OD25	OD25
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30	16~30
Operation control			Wire controller	Wire controller	Wire controller	Wire controller	Wire controller	Wire controller

Inverter MESP Ducted Indoor

			TTB-18HWA	TTB-24HWA	TTB-36HWSA/SI	TTB-48HWSA	TTB-60HWSA
Power supply		V/Ph/Hz	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Cooling	Capacity	BTU/H	18000	24000	36000	48000	60000
	Capacity	W	5274	7034	10550	14000	17500
	Input	W	1635	2180	3280	4370	5460
	Rated current	A	7.2	9.9	15	8.20	9.50
Heating	Capacity	BTU/H	19800	26000	40000	53000	63000
	Capacity	W	5800	7620	11700	15530	18400
	Input	W	1810.00	2350.00	3600	4810	5750
	Rated current	A	8.1	10.6	15.5	9.10	10.10
Indoor air flow (Hi/Mi/Lo)		m3/h	1100/950/700	1300/1100/900	1650/1450/1050	1900/1700/1250	2200/1800/1500
Indoor external static pressure (Hi)		Pa	40	50	80	100	100
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/40/36	46/41/37	47/44/40	53/47/44	55/49/46
Indoor unit	Unit (W*D*H)	mm	920x210x605	920x270x605	1140x270x745	1200x300x835	1200x300x835
	Packing (W*D*H)	mm	1115x280x690	1115x340x690	1345x360x830	1405x390x925	1405x390x925
	Net/Gross weight	Kg	23/28	27/32	36/43	44/52	45/55
Refrigerant pipe	Liquid side/Gas side	mm	(1/4)/(1/2)	(3/8)/(5/8)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)
Drainage water pipe diameter		mm	OD32	OD32	OD25	OD25	OD25
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Operation temperature range		°C	16~30	16~30	16~30	16~30	16~30
Operation control			Wire controller	Wire controller	Wire controller	Wire controller	Wire controller



90 000 BTU Floor Standing

- Strong Cooling & Heating
- Extra-Long Distance Air Supply



LED Display



Remote
Controller
52E



Outdoor
Unit



2 x Highly
Compressor /
R410 Refrigerant

Standard



Anti-Cold Air



Auto Restart



Independent Dehumidification



Timer Mode



Auto Defrosting



High Efficient
Inner-Grooved
Copper Tube



Easy
Cleaning
Filter



Environmentally
Friendly
Refrigerant

Specifications (Light Commercial A/C)



MODEL NAME		FLOOR STANDING INDOOR	TCA-90FHRA/U3T
Heating	Energy level		5
	Capacity	BTU/H	92806
	Capacity	W	27200
	Input	W	8983
	Rated current	A	16.0
	COP	W/W	3.03
	Energy level		5
Indoor air flow (Hi/Me/Lo)		m3/h	4600
Indoor noise level (Hi/Me/Lo)		dB(A)	56
Indoor dimension	Unit (W*D*H)	mm	1200x420x1860
	Packing (W*D*H)	mm	1380x590x2060
Indoor weight	Net	Kg	143
	Gross	Kg	155
Refrigerant	Type		R410A
Refrigerant pipe	Liquid side	mm	2*9.52
	Gas side	mm	2*19.05
Operation temp range		°C	16-31
Operation control			Remote controller

Specifications (Light Commercial A/C)



MODEL NAME		UNIVERSAL OUTDOOR UNIT	TCA-90FHRA/U3T
Power supply		V/Ph/Hz	380-415V~/50Hz/3P
Max. input consumption		W	15300
Max. current		A	28.0
Starting current		A	62.0
Max operating pressure (MPa)	Discharge	MPa	4.6
	Suction	MPa	1.3
Outdoor air flow		m3/h	10425
Outdoor noise level		dB(A)	63
Outdoor dimension	Unit (W*D*H)	mm	1120x400x1560
	Packing (W*D*H)	mm	1250x560x1721
Outdoor weight	Net	Kg	179
	Gross	Kg	196
Refrigerant	Type		R410A
	Charge	g	A system 3100/B system 3100
Ambient temperature range	Cooling	°C	21-55
	Heating	°C	-7-24
Throttle type			Capillary



90 000 BTU High Static Pressure Ducted

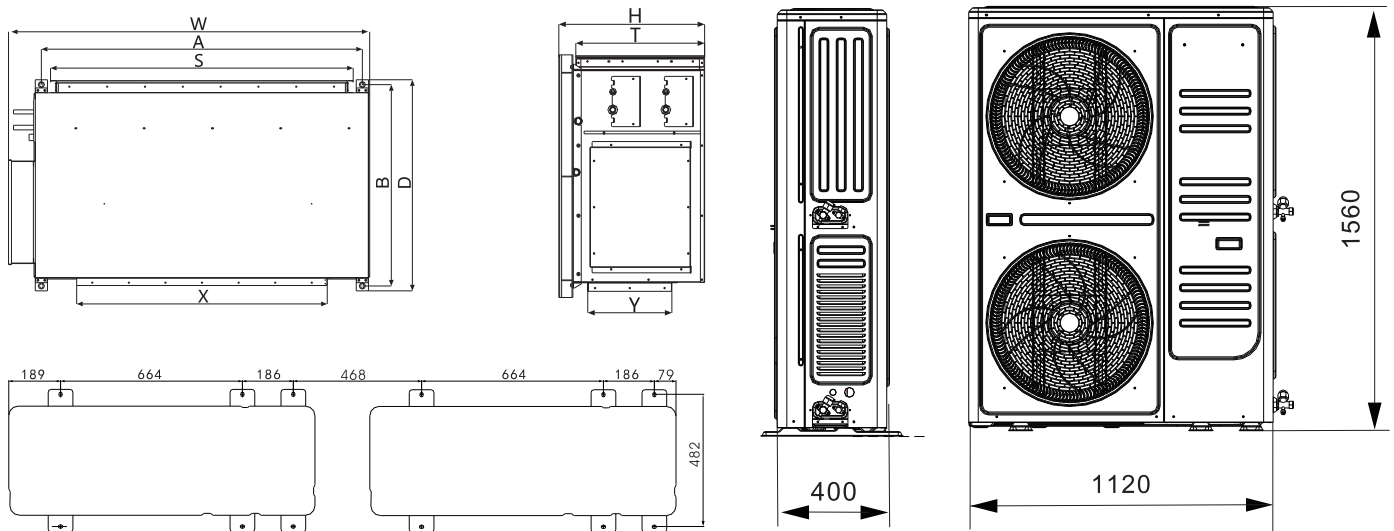
- Waiting Rooms
- Supermarkets
- Factories
- Cinemas

Model: TCA-90D1HA

Supply air plenum size SxT: 1240x460mm

Return air plenum size XxY: 1027x300mm

Outdoor dimension WxDxH: 1120x400x1560mm



Ducted TCA-90D1HA



MODEL	COOLING CAPACITY	HEATING CAPACITY	POWER SUPPLY	COOLING			HEATING			AIR FLOW (m ³ /h)	ESP	NOISE (Pa)	DIMENSION (mm)	WEIGHT (kg)	DRAINAGE (water pipe)	REFRIGERANT PIPE (mm)	
				RATED CURRENT (A)	INPUT (W)	EER	RATED CURRENT (A)	INPUT (W)	COP							LIQUID	GAS
TCA-90D1HA	90 000 BTU/H	90 500 BTU/H	220V/50Hz/1P	20.1	9200	2.83	17	8550	3.10	4500	200	58	1475×865×520	121	Od25	9.52	19.05

MODEL	COIL				FAN MOTOR					OPERATION TEMP RANGE (°C)	OPERATION CONTROL
	NUMBER OF ROWS	FIN MATERIAL	SIZE (mm)	TUBE OUTER DIAMETER (mm)	BRAND MODEL	INPUT (W)	CAPACITOR (μF)	SPEED (Hi/Me/Lo) (rpm)	RATED CURRENT (A)		
TCA-90D1HA	4	Innergroove tube type	1205x380x55	φ7	Manqiwei YF139-300-4A44	334/290/262	15	1310/11300/1000	2.48/1.84/1.62	16-31	Wire Controller

90 000 BTU TCA-90D1HA



MODEL	MAX INPUT CONSUM (W)	MAX CURRENT (A)	POWER SUPPLY	COMPRESSOR						AIR FLOW (m ³ /h)	NOISE (Pa)	DIMENSION (mm)	WEIGHT (kg)	MAX OPER PRESSURE (MPa)		REFRIGERANT PIPE (mm)	
				BRAND MODEL	TYPE	CAPACITY (W)	RATED CURRENT (A)	INPUT (W)	REFRIGERANT OIL (ml)					DISCHARGE	SUCTION	LIQUID	GAS
TCA-90D1HA	14000	26	380V/50Hz/3P	DAIKIN JT160L-P8Y1@K	Scroll	14930	8.5	4880	1500	10425	63	1120×400×1560	179	4.5	1.0	9.52	19.05

MODEL	COIL				FAN MOTOR					AMBIENT TEMP RANGE (°C)	
	NUMBER OF ROWS	FIN MATERIAL	SIZE (mm)	TUBE OUTER DIAMETER (mm)	BRAND MODEL	INPUT (W)	CAPACITOR (mF)	SPEED (Hi/Me/Lo) (rpm)	RATED CURRENT (A)	COOLING	HEATING
TCA-90D1HA	2	Louver or corrugated	846x1512x36.4	φ7	XinKe YDK-180B-6	304/282/251	4	860/780/700	1.5/1.4/1.3	17-43	-7-24

NOTES:

- Nominal cooling capacities are based on the following conditions:
Indoor temp: 27° C D B, 19° C W B; Outdoor temp: 35° C D B; Equivalent ref. piping: 7.5m (horizontal)
 - Nominal heating capacities are based on the following conditions:
Indoor temp: 20° C D B, Outdoor temp: 7° C D B, 6° C W B; Equivalent ref. piping: 7.5m (horizontal)
 - Actual noise level may differ, depending on the room structure etc. since these noise values are from an anechoic room.
- Remark: The above design and specification are subject to change without prior notice for product improvement.

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(015) 297 1875

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PIETERMARITZBURG

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