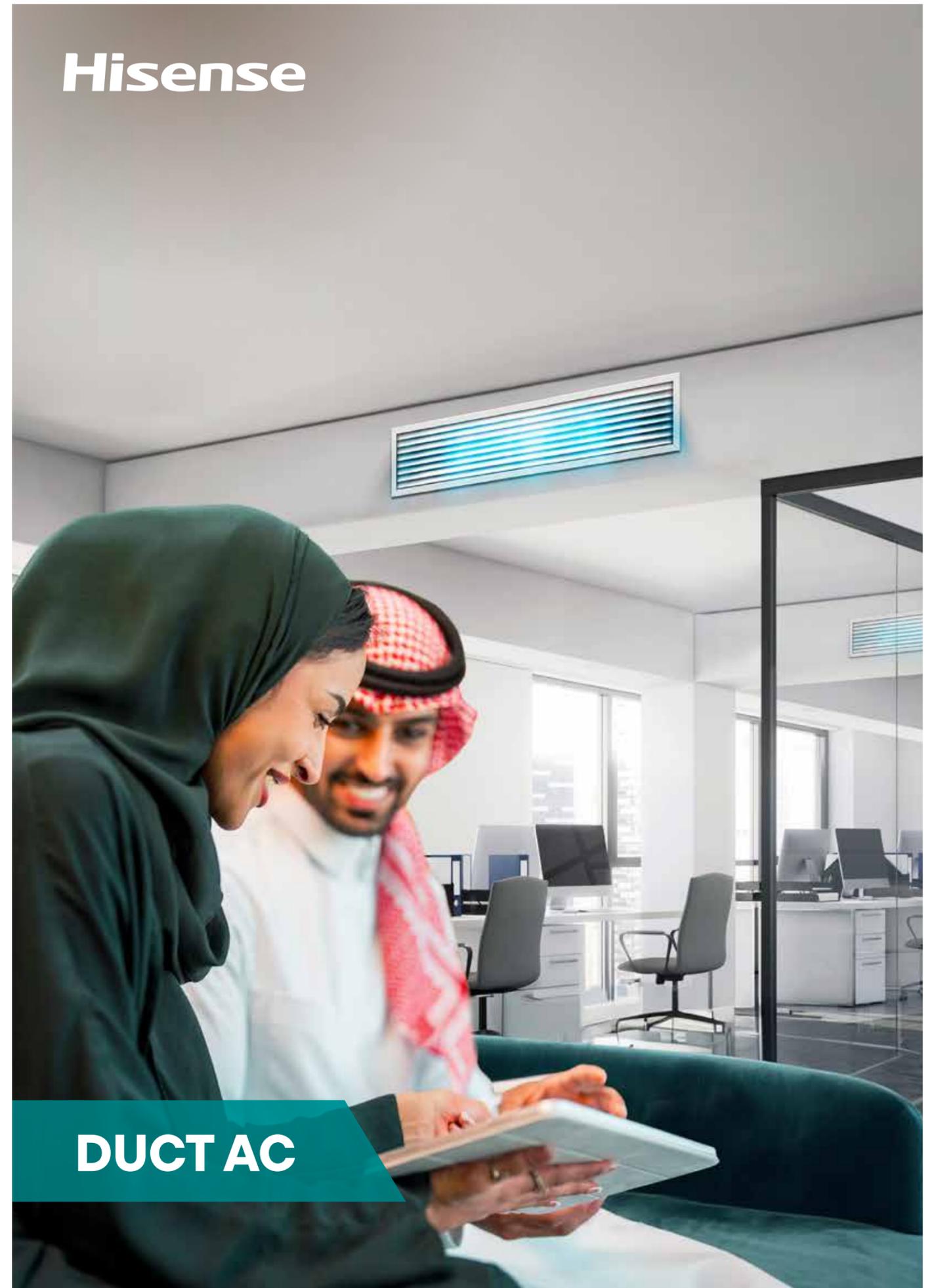


Hisense

Hisense



DUCT AC

Hisense Electronics LLC
Floor No: 08, Al Howaishel Tower, 9 Al Olaya,
Riyadh 12212, Kingdom of Saudi Arabia
<http://www.hisenseksa.com>

Note: Product design and specification subject to change without prior notice.
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Duct T3 Inverter

50/60Hz



- WiFi Control
- Compact Design
- Room Card Control
- Fire Leakage Control
- 2 Ways Of Air Intake
- 1 Pa Adjust Precision
- Easy Cleaning Panel and PP Filter
- Fresh Air Intake
- 61° Steady Running



Outdoor Unit

Indoor Unit

Model No.		HUD18HI23 / HUD18HO23	HUD24HI23/ HUD24HO23	HUD36HI23/ HUD36HO23	
Power supply		V-ph-Hz	220~240-1-50/60	220~230-1-60	220~240-1-50/60
Cooling	Capacity T1	Btu/h	17600	23200	31000
	Capacity T1	W	5160	6810	9100
	Input T1	W	1420	1902	2500
	Current T1	A	6.3	8.4	11.5
	EER T1	(Btu/h)/W	12.40	12.2	12.40
Cooling	Capacity T3	Btu/h	16400	21600	26800
	Capacity T3	W	4800	6330	7850
	Input T3	W	1890	2481	3080
	Current T3	A	8.4	11.0	13.4
	EER T3	(Btu/h)/W	8.7	8.7	8.7
Heating Capacity		Btu/h	19790	25250	37532
SEER			14.67	14.43	14.3
Energy Class			C	C	C
ESP	Rated		35.00	35.00	37+10
	Range		0~80	0~80	0~120
Indoor air flow Rated(Hi/ Med/Lo)		m3/h	1300/1000/800	1850/1400/800	2100/1900/1500
Indoor air flow Rated Hi/ Med/Lo)		CFM	765/588/470	1088/823/407	1235/1118/882
Indoor noise level (Hi/ Med/Lo)		dB(A)	43/41/38	45/43/40	44/41/38
Indoor unit	Dimension (WxHxD)	mm	900x270x720	1140x268x720	1300x350x800
	Packing(LxWxH)	mm	1170x870x340	1330x870x360	1550x940x410
	Net/Gross weight	kg	30/35	34/41	51.0/60.0
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.88 (3/8"/5/8")	Φ9.52/Φ19.05 (3/8"/3/4")
	Max. pipe length	m	30	30	50
	Max. difference in level	m	15	15	30
Compressor Type			ROTARY	ROTARY	ROTARY
Outdoor noise level (sound pressure)		dB(A)	56	59	58
Outdoor unit	Dimension(WxHxD)	mm	860x670x310	930x760x400	900x1170x320
	Packing(LxWxH)	mm	990x450x730	1040x460x830	970x1300x430
	Net/Gross weight	kg	43/47	56/60	75/84
Refrigerant type			R410A	R410A	R410A

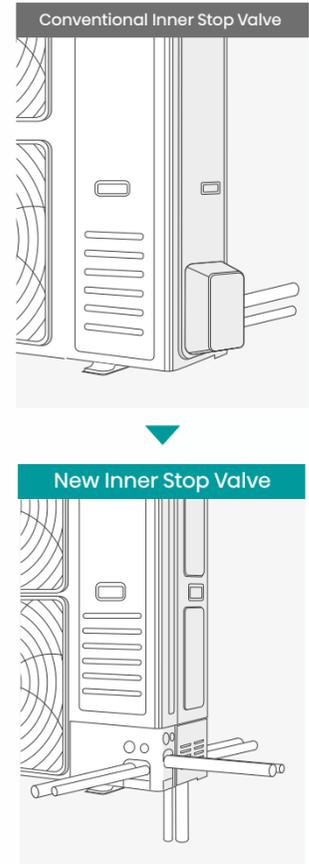
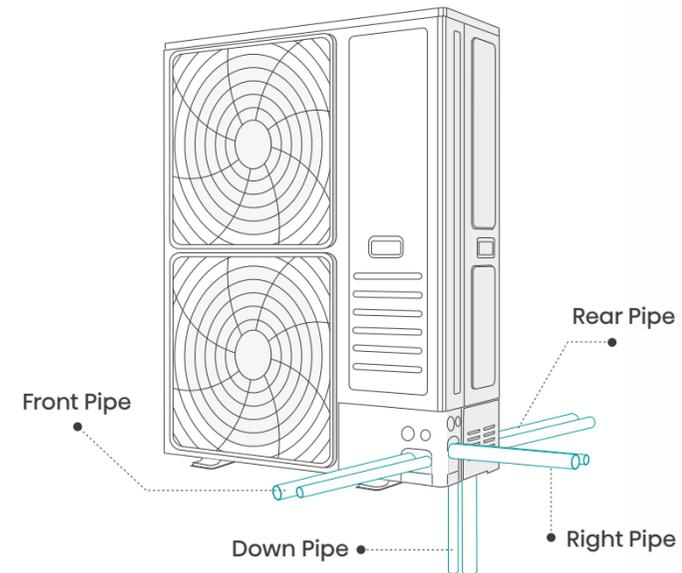
Model No.			HUD42HI23/ HUD42HO23	HUD48HI23/ HUD48HO23	HUD60HI23/ HUD60HO23
Power supply		V-ph-Hz	220~240-1-50/60	220~240-1-50/60	220~240-1-50/60
Cooling	Capacity T1	Btu/h	41600	47000	55000
	Capacity T1	W	12200	13750	16100
	Input T1	W	3357	3851	4435
	Current T1	A	14.9	17.3	19.7
	EER T1	(Btu/h)/W	12.40	12.2	12.40
Cooling	Capacity T3	Btu/h	33800	42000	48400
	Capacity T3	W	9900	12300	14200
	Input T3	W	3882	4823	5568
	Current T3	A	17.2	21.6	24.8
	EER T3	(Btu/h)/W	8.7	8.70	8.7
Heating Capacity		Btu/h	46062	54592	58000
SEER			13.68	14.70	14.8
Energy Class			C	C	C
ESP	Rated		60.00	50+10	60.00
	Range		0~150	0~150	0~150
Indoor air flow Rated(Hi/ Med/Lo)		m3/h	2400/2300/2200	3200/2900/2600	3300/2800/2300
Indoor air flow Rated Hi/ Med/Lo)		CFM	1412/1353/1294	1882/1706/1529	1941/1647/1353
Indoor noise level (Hi/ Med/Lo)		dB(A)	52/49/46	50/48/47	52/48/47
Indoor unit	Dimension (WxHxD)	mm	1400x300x800	1400x420x858	1400x420x858
	Packing(LxWxH)	mm	1580x920x380	1650x1020x505	1636x985x505
	Net/Gross weight	kg	51.0/57.0	83/92.5	83/92.5
Design pressure		MPa	4.5/1.5	4.8/1.5	4.5/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19.05 (3/8"/3/4")	Φ9.52/Φ19.05 (3/8"/3/4")	Φ9.52/Φ19.05 (3/8"/3/4")
	Max. pipe length	m	50	50	50
	Max. difference in level	m	30	30	30
Compressor Type			ROTARY	ROTARY	ROTARY
Outdoor noise level (sound pressure)		dB(A)	61	61	61
Outdoor unit	Dimension(WxHxD)	mm	975x1460x330	975x1460x330	970x1460x330
	Packing(LxWxH)	mm	1040x1590x435	1040x1590x435	1040x1590x435
	Net/Gross weight	kg	106/116	102/113	107.5/117.5
Refrigerant type			R410A	R410A	R32



OUTDOOR UNIT

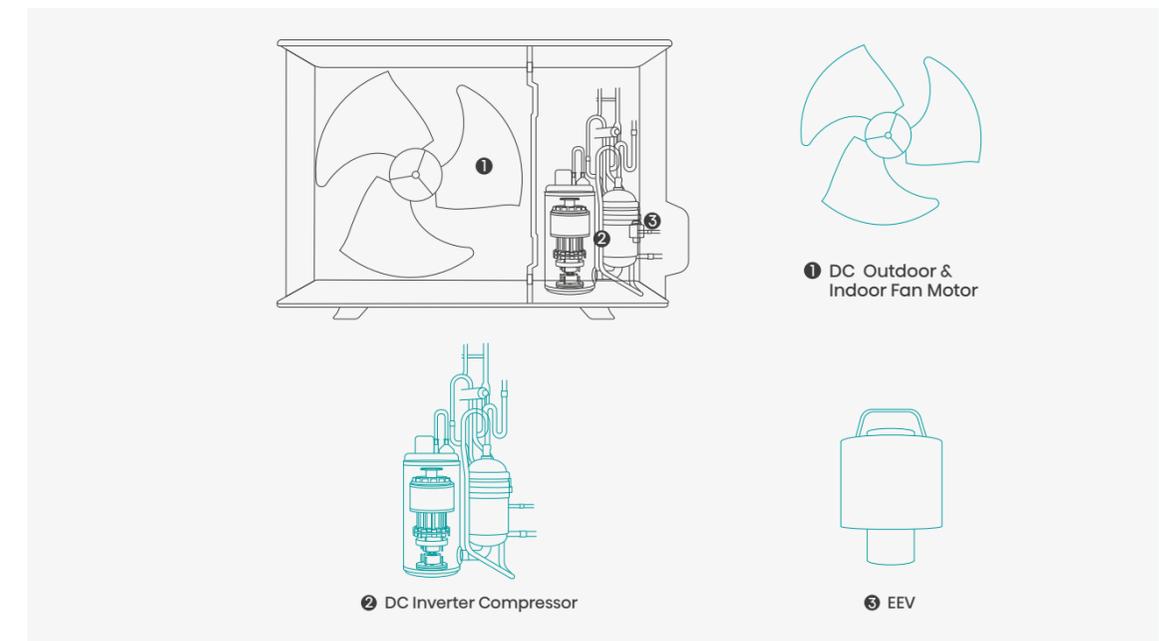
Inner Stop Valve

The inner stop valve can realize 4 way piping connection (front, rear, right, down), it is more beautiful and easy installation.



FULL DC

Hisense full DC is DC inverter compressor + DC outdoor fan motor + DC indoor fan motor + EEV. We can ensure the high efficiency not only in full load, but also in part load.



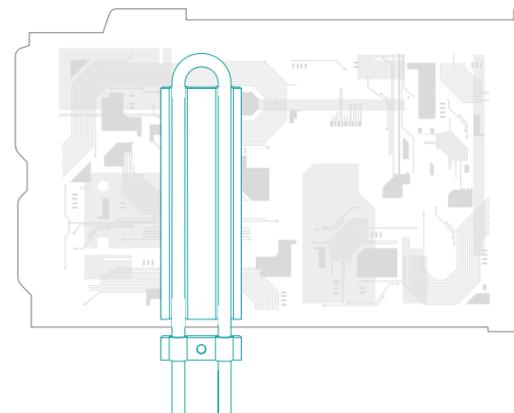
High Efficiency

SEER A++ and SCOP A++ for TI-HP-inverter C class for T3-inverter-saudi



Refrigerant Cooling Technology*

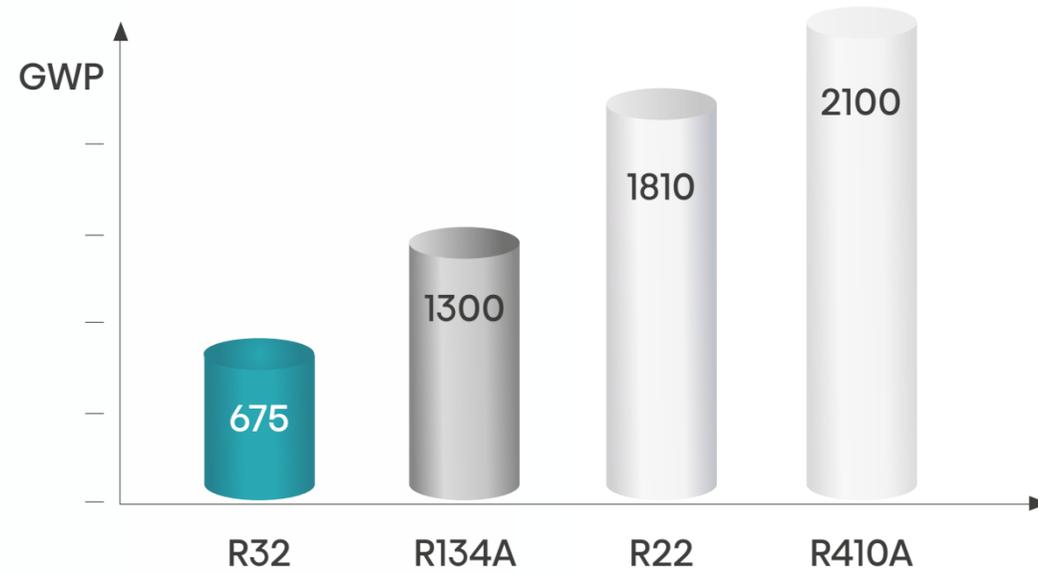
Hisense uses refrigerant cooling technology to cool the electrical control box. It overcomes the poor heat dissipation and high ambient temperature issues to maintain efficient operation even at harsh environment.



*Refrigerant-cooled PCB feature is available only on certain capacities. Availability may differ by model and market.

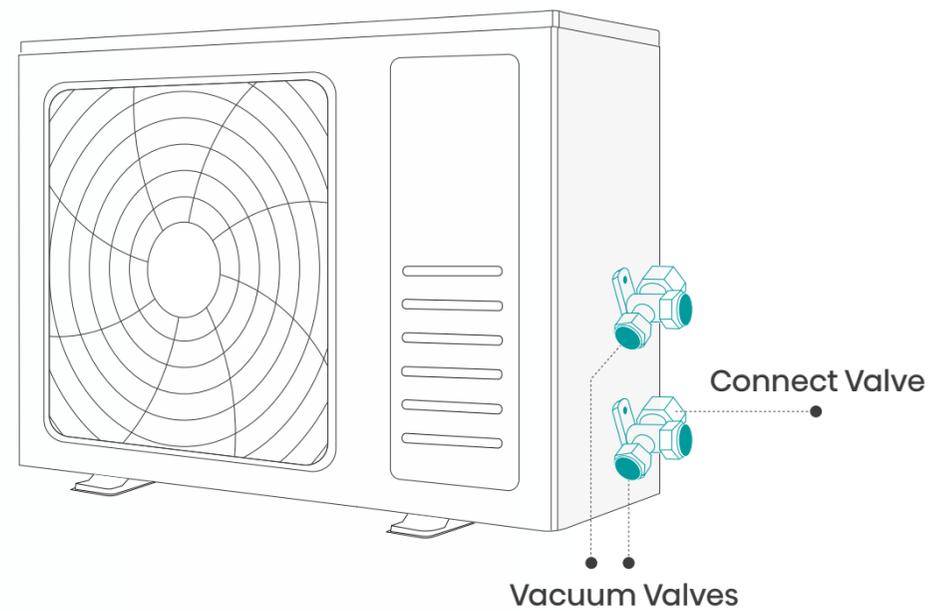
R32

We take R32 as LCAC refrigerant because it is more environment friendly, more energy efficiency. GWP(Global Warming Potential) of R32 is 675, less than 1/3 of R410a (GWP=2088).



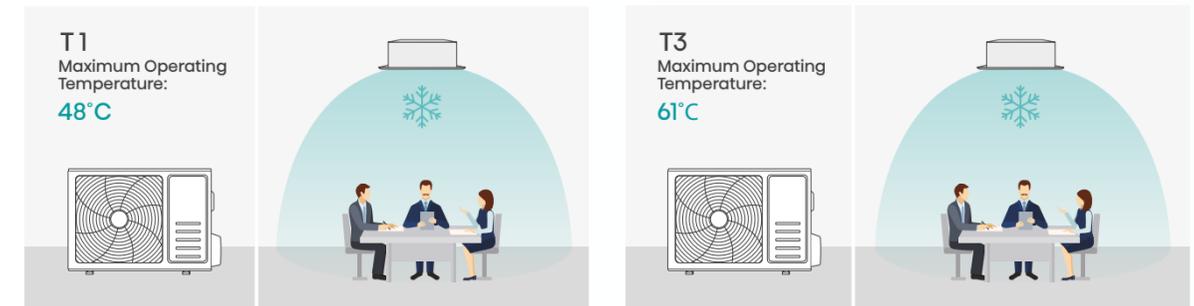
Faster Vacuum

The double 3-way stop valves, not matter built inside or outside, can help to vacuum fast.



Maximum Operating Temperature

Hisense T1 products have a maximum operating temperature of up to 48°C. Hisense T3 inverter products have a maximum operating temperature of up to 61°C.



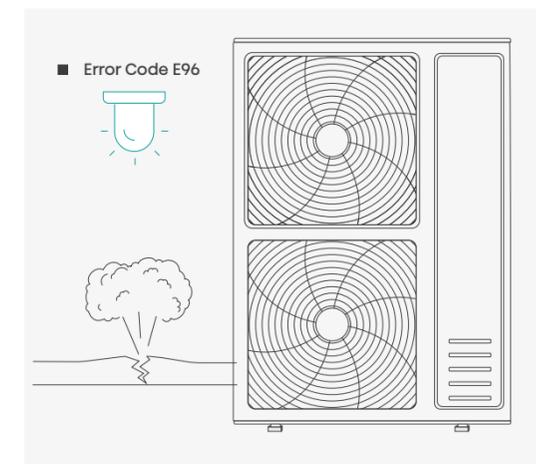
Hi-Checker

Hi-Checker is a tool to record and monitor the operation of Hisense inverter air conditioners. It can help to provide a fast, efficient, and professional after-salve service.



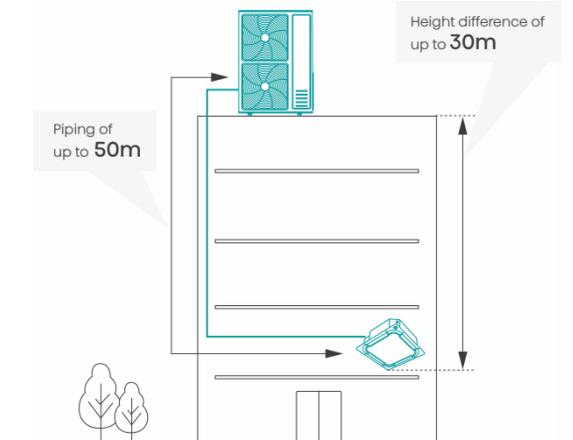
Leakage Detective

The system will send an error code E96 and stop running when the refrigerant leakage value reach a low value, so as to ensure safety operation of the R32 air conditioners.



LONG PIPING & LARGE HEIGHT DIFFERENCE

With high installation flexibility, the ACs can be installed in sites with piping of up to 75m and height difference of up to 30m.



CONTROL SYSTEM

Wired Controller

YXE-C01U(E)



YXE-C01U(E) is YXE-C01U Pro, with the optimize of the setting method of some special functions. For Example, cooling only setting, Boot setting etc.

YXE-E01U(E)



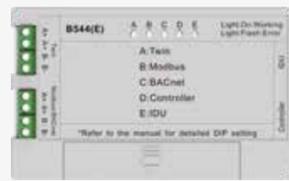
YXE-E01U(E) is brand new wired controller, replace YXE-A03 series, with the optimize of many functions. For Example, Independent control function of air louver can be realized.

YJE-C01T(E)



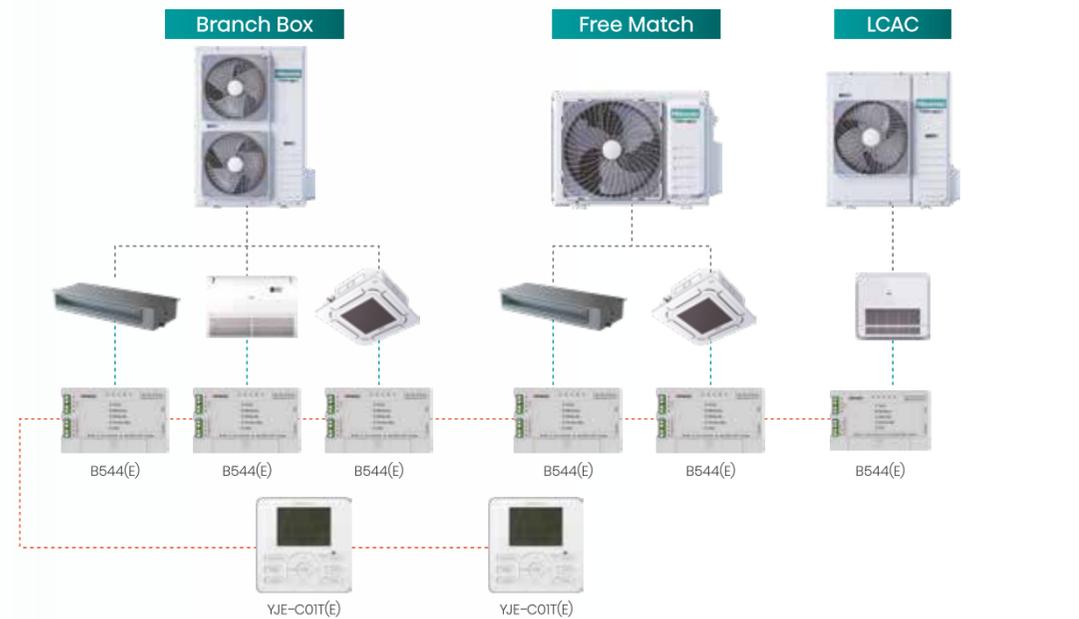
YJE-C01T(E) can control IDUs by B544(E).

B544(E)



It is a communicating box used in central control system. One IDU uses one B544(E). Adapter of the combination of B544(E) & B542(E) & B543(E). *B544(E) is the adapter of BACnet, Modbus, Twin System.

Communication Box



..... : U-art communication protocol. The maximal quantity of controller is 16 in one same system.

----- : RS 485 & BACnet protocol.

YJE-C01T(E): The maximal quantity of centralized controller is 2.

Connect Life

When the air conditioner is connected to Wi-Fi through the Hisense module, you can control the air conditioner freely through the ConnectLife app anytime and anywhere.



- Be Carefree
- Enjoy Home Automation
- Choose Easy To Use

Voice Command

When the air conditioner is connected to Wi-Fi through the Hisense module, you can control the air conditioner by voice via Amazon or Google speakers, such as turning on the AC, setting mode, and adjusting the temperature, thus freeing your hands.

