



# U-Match Systems 16 SEER

24,000 to 60,000 BTU/Hr – 60 Hz



# A sense of comfort throughout every space...

- Trane takes pride in introducing its most recent line of U-Match high efficiency systems to fulfill every temperature need in each and every room with Inverter system technology.
- This line of products offers the option to select the air conditioning unit that will best fulfill your expectations for design, presentation, practicality and use in both your home and business.
- Towards this purpose, you will have the option to select one of three indoor units that may best suit your own architectural design. The units are available as cooling only or heat pump type providing the flexibility required for every climate.
- The vertical discharge condensing units have an ambient temperature operation range from 10°C to 48°C for cooling only and from -15°C to 48°C for heating. Additionally, the heat pump outdoor units come with a factory corrosion protection applied to the condenser coil.
- It is important to note that each indoor unit can be connected to the same outdoor unit. In addition, all three indoor units can be controlled from any part of the room using the same remote control unit.
- These new U-Match systems were designed for homes and businesses where energy savings and comfort represents a determining factor.

Outdoor Unit (showing 24,000-60,000 BTU/hr)



A single solution for three different product applications

Concealed Indoor Unit



Convertible Indoor Unit



Cassette Indoor Unit



Each model of U-Match systems comprises advanced technology and attractive design, affording you the peace of mind of being able to recognize a good investment.



### **Flexibility in Design**

The new U-Match indoor units have the flexibility to work with R-410A refrigerant in either fixed speed or inverter outdoor units. These can be easily matched with several Trane R-410A cooling only and heat pump units in applications where environmentally friendly refrigerant is a must. These new Trane U-Match units were designed keeping in mind all of our customer needs.

### **Characteristics and Benefits**

- Heat pump system offers comfort throughout the entire year as well as cooling only units for tropical climates where heating is not required.
- Flexible design of U-Match indoor units allows the use of either fixed speed or inverter condensing units
- Wide capacity range for application flexibility
- Low maintenance
- Automatic recovery in case of power loss
- Quality and durability factory tested and verified

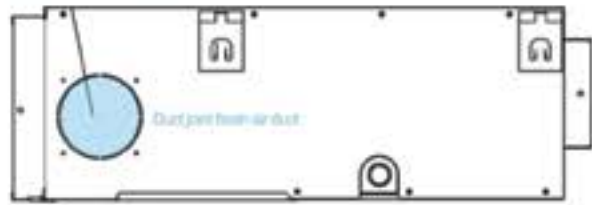
## Indoor Unit Description

### CONCEALED type (plenum installation)

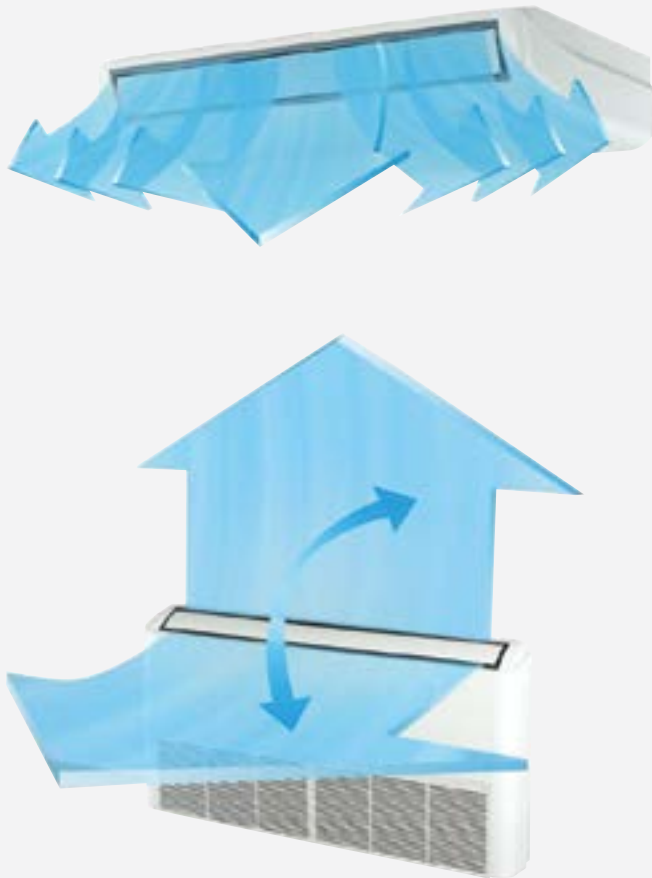
- Available in wide range capacity from 24,000 to 60,000 BTUH
- R-410A refrigerant
- Cooling only and heat pump
- Compact design
- Wired control
- Silent operation
- Horizontal or bottom air intake
- Optional fresh air intake
- Optional filter
- Optional built-in drain pump



Flexible Air Intake Ways



Fresh air



Convertible positioning and auto swing function

### CONVERTIBLE type (floor or ceiling installation)

- Available in wide range capacity from 24,000 to 60,000 BTUH
- R-410A refrigerant
- Cooling only and heat pump
- Wireless control
- Exclusive front panel
- Small footprint
- Installation flexibility (floor or ceiling)
- Horizontal and vertical auto swing function
- Optional fresh air intake
- Optional built-in drain pump (under-ceiling only)
- Two-way drainage



Fresh air intake

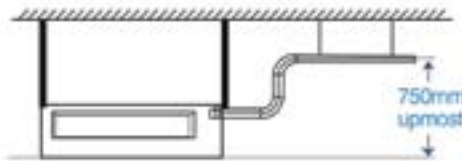
**CASSETTE type  
(suspended ceiling installation)**

- Available in wide range capacity from 24,000 to 60,000 BTUH
- R-410A refrigerant
- Cooling only and heat pump
- Compact design
- Wireless control
- 360° air distribution
- Optional fresh air intake
- Standard built-in drain water pump
- External air duct



**Remote Control –  
Wired & Wireless**

- Easy and flexible use
- Programmable operation up to 24 hours
- Sleep Mode for improved energy efficiency
- Dry Mode (dehumidify) for improved comfort
- 3-Speed fan (hi/med/low)
- Five modes of operation: Cooling/Heating/Dehumidify/Fan/Auto
- Automatic recovery in case of power loss
- Turbo function to cool or heat space rapidly



360° air outlet panel Built-in drain pump



External air duct



Fresh air intake



## U-Match Outdoor Units

TRANE MODEL	Cooling only		4TYK6524D1000AL	4TYK6536D1000AL	4TYK6548D1000AL	4TYK6560D1000AL
	Heat pump		4TXK6524D1000AL	4TXK6536D1000AL	4TXK6548D1000AL	4TXK6560D1000AL
Power supply	V-ph-Hz		220~230-1-60	220~230-1-60	220~230-1-60	220~230-1-60
Max. input consumption	W		3036	4163	5244	6141
Max. input current	A		17.7	24.2	31.9	36.5
Sound pressure	dB(A)		66dB	66dB	68dB	69dB
Dimensions (WxDxH)	mm		740x633x740	740x633x740	740x843x740	740x843x740
	inch		29-1/8x24-15/16x29-1/8	29-1/8x24-15/16x29-1/8	29-1/8x33-3/16x29-1/8	29-1/8x33-3/16x29-1/8
Net weight (Cooling only / Heat Pump)	kg		61/65	67/71	87/91	87/91
	lbs		134/143	148/157	192/201	192/201
Refrigerant type			R-410a	R-410a	R-410a	R-410a
Refrigerant Charged volume (Cooling only / Heat pump)	kg		1.7/1.9	2.7/2.9	3.7/3.9	3.9/4.1
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22.2(3/8"/7/8")	Φ9.52/Φ22.2(3/8"/7/8")
	Max. pipe length	m/ft	30/100	30/100	30/100	30/100
	Max. difference in level	m/ft	15/50	15/50	15/50	15/50

## Concealed

TRANE MODEL	Cooling only		2MCD0524C10W0AL	2MCD0536C10W0AL	2MCD0548C10W0AL	2MCD0560C10W0AL
	Heat pump		2MWD0524C10W0AL	2MWD0536C10W0AL	2MWD0548C10W0AL	2MWD0560C10W0AL
Power supply	V-ph-Hz		220~230-1-60	220~230-1-60	220~230-1-60	220~230-1-60
Nominal capacity	Btu/h		24000	36000	48000	60000
SEER	W/W		16	16	16	16
Air flow (Hi/Med/Low)	m3/h		1400/1100/1000	1850/1600/1400	2300/1700/1500	2300/1700/1500
Sound pressure	dB(A)		44/35/32	48/45/42	49/44/40	49/44/40
Dimensions (WxDxH)	mm		920x635x270	1140x775x270	1200x865x300	1200x865x300
Net weight	kg		28.5	42	49	49
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22.2(3/8"/7/8")	Φ9.52/Φ22.2(3/8"/7/8")

## Convertible

TRANE MODEL	Cooling only		2MCX0524C10R0BL	2MCX0536C10R0BL	2MCX0548C10R0BL	2MCX0560C10R0BL
	Heat pump		2MWX0524C10R0BL	2MWX0536C10R0BL	2MWX0548C10R0BL	2MWX0560C10R0BL
Power supply	V-ph-Hz		220~230-1-60	220~230-1-60	220~230-1-60	220~230-1-60
Nominal capacity	Btu/h		24000	36000	48000	60000
SEER	W/W		15	15	14.5	14.5
Air flow (Hi/Med/Low)	m3/h		1500/1200/1000	2300/1900/1700	2300/1900/1700	2600/2289/2022
Sound pressure	dB(A)		48/46/44	55/52/50	55/52/50	58/53/49
Dimensions (WxDxH)	mm		1285x675x235	1650x675x235	1650x675x235	1650x675x235
Net weight	kg		29	39	39.5	43.5
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22.2(3/8"/7/8")	Φ9.52/Φ22.2(3/8"/7/8")

## Cassette

TRANE MODEL	Cooling only		2MCC0524C10R0AL	2MCC0536C10R0AL	2MCC0548C10R0AL	2MCC0560C10R0AL
	Heat pump		2MWC0524C10R0AL	2MWC0536C10R0AL	2MWC0548C10R0AL	2MWC0560C10R0AL
Power supply	V-ph-Hz		220~230-1-60	220~230-1-60	220~230-1-60	220~230-1-60
Nominal capacity	Btu/h		24000	36000	48000	58000
SEER	W/W		15	15	15	15
Air flow (Hi/Med/Low)	m3/h		1500/1200/1000	1900/1500/1300	1900/1600/1400	1900/1600/1400
Sound pressure	dB(A)		52/47/43	53/48/44	55/50/45	55/50/45
Dimensions (WxDxH)	mm		840x840x245	840x840x287	840x840x287	840x840x287
Net weight	kg		25	30.4	29	29
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22.2(3/8"/7/8")	Φ9.52/Φ22.2(3/8"/7/8")

### Remarks:

1. The above design and specifications are subject to change without prior notice for product improvement.
2. The values given in the table for the noise level reflect the levels in anechoic chamber.

Learn more at [trane.com](https://trane.com)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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