



TRANE[®]

TRANE® YUKON™ SPLIT SYSTEM AIR CONDITIONER



YUKON

Split System Air Conditioner

Tall Floor Type 36,000-120,000 Btu/h MCV Series 50/60 Hz

 **Ingersoll Rand**

YUKON-Human Comfort Solution



Comfort and Reliability

- Full Range of Capacity
- Energy Savings
- Washable Filter
- Low Maintenance
- Easy to Service
- Lower Noise

Quality

All major components are individually inspected and tested, and every unit undergoes a run- test prior to shipment from the factory.

High Efficiency

- Compact in size for easy installation into small spaces
- Galvanized steel with a powder paint finish for corrosion resistance
- Synchronous motor for supply grille as standard for better airflow

Serviceability

The unit can be easily serviced and minimum area required just only at the front after panel.

Trane is proud to present its complete line of Tall Floor split system air conditioners with modern design. This system has been not only carefully designed and manufactured according to Trane Worldwide Quality Standards but also luxuriously designed to provide you with years of comfortable, convenient cooling with minimal service required and also easy to service.

The benefits of a system have been extended to a broader range of full cooling capacity, making Yukon the perfect to your new or replacement application.



Digital Control



Digital Control

With microprocessor and digital technology, Yukon provides accurate room temperature control with a numerical temperature display.

Power

The power button is used to turn the air conditioner on and off operating according to the last program stored in the non-volatile memory.

The display unit will show:

- Room temperature in degrees celcius
- Fan speed

Temperature

The TEMP + and - buttons are used to adjust the set temperature from 15°C to 30 °C. When the button is pressed, the control unit will display the set temperature (blinking) instead of the room temperature. After the process is finished, it will revert back to the room temperature.

Fan

Fan speed (Auto, High, Medium, or Low) can be selected by pressing the FAN button.

Auto Fan

Fan speed can be put in the AUTO mode so that the fan speed will change automatically depending on the difference between the room and set temperatures.

If the difference is large, it will operate at high speed



for faster cooling. As the smaller, the fan speed will be changed automatically to Medium and then Low as indicated by the position of the fan speed LED indicator.

Time Delay

A 3-minute time delay protects against power interruptions and rapid compressor cycling which could damage the air conditioning unit.

Freeze protection

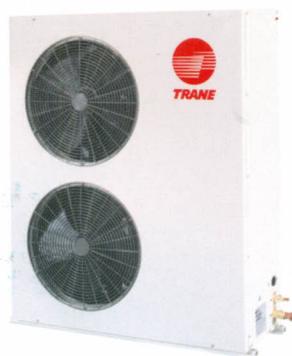
The freeze protection function will protect coil from freezing by turning off the compressor.

Swing

The auto vertical vane swing can be selected by pressing the SWING button.



Condensing Unit
TTK536-060 for 50Hz
TTK536-042 for 60Hz



Condensing Unit
TTK 048-060 for 60Hz



Condensing Unit
TTA 075-120

Product Specifications: 50 Hz

Model	Indoor Unit		MCV036BB	MCV036BB	MCV048BB	MCV048BB	MCV060BB	MCV090BB	MCV090BB	MCV120BB								
	Outdoor Unit		TTK536KB	TTK536KD	TTK042KD	TTK048KD	TTK060KD	TTA075RD	TTA100RD	TTA120RD								
Electrical Data	Power Supply	V/ph/Hz	220-240/1/50		380-415/3/50													
Performance Data	Nominal Capacity	Btu/h	36,000	36,000	42,000	48,000	60,000	75,000	90,000	120,000								
	Nominal Airflow	cfm	1,200	1,200	1,400	1,600	2,000	2,400	2,400	3,200								
Indoor Unit			Capillary Tube							Expansion Device								
Expansion Device	Type		Permanent Split Capacitor															
	RLA/LRA	A	1.78/1.97	1.78/1.97	2.34/2.74	2.34/2.74	3.42/3.90	(1.78/1.97)x2	(1.78/1.97)x2	(2.34/2.74)x2								
Control Type	Digital Thermostat									
	3-Minute Time Delay									
Features	Fan Speed		3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto								
	Auto Swing (Vertical Vane)									
	Temperature Setting	°C	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30								
	Programmable Timer	Hrs	15	15	15	15	15	15	15	15								
Installed Position	Floor									
Dimension	Height	mm	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900								
	Width	mm	600	600	600	600	848	1,196	1,196	1,196								
	Depth	mm	370	370	370	370	400	400	400	400								
Weight		kg	65	65	68	68	90	137	137	144								
Outdoor Unit			Rotary							Scroll								
Compressor	Type		15.8 / 79.0		5.8 / 43.0		10.0/59.0		10.0/59.0		10.0/74.0		13.6/98.0		20.7/130.0		22.9/145.0	
	RLA/LRA		1.03/1.79		1.03/1.79		1.03/1.79		(0.88/1.79) x2		(0.88/1.79) x2		1.06/2.27		1.41/3.53		1.32/2.80	
Fan Motor	Type		Permanent Split Capacitor															
	RLA/LRA		1.03/1.79		1.03/1.79		1.03/1.79		(0.88/1.79) x2		(0.88/1.79) x2		1.06/2.27		1.41/3.53		1.32/2.80	
	Height	mm	795	795	795	795	795	795	1,050	1,050	1,050	1,050	1,050	1,050				
Dimension	Width	mm	1,018	1,018	1,018	1,018	1,018	1,018	950	950	950	950	950					
	Depth	mm	360	360	360	360	360	360	1,060	1,060	1,060	1,060						
Weight		kg	79	79	87	87	92	164	180	180	192							
Piping Connection Type			Flare Type				Sweat Type											
Refrigerant Pipe Size	Liquid	in	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2							
	Suction	in	3/4	3/4	7/8	1 1/8	1 1/8	1 1/8	1 1/8	1 3/8	1 3/8							

- At ARI system rating conditions of 80°F - DB / 67°F - WB Indoor & 95°F - DB Outdoor.
- Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
- Outdoor unit's dimensions exclude the size of the mounting feet. For more detail, please see the drawing in the installation manual.

Product Specifications: 60 Hz

Model	Indoor Unit		MCV036B1	MCV048B1	MCV048B1	MCV060B1	MCV060B1	MCV090B1	MCV090B1	MCV120B1								
	Outdoor Unit		TTK536K1	TTK042K1	TTK048K1	TTK060K1	TTK060K3	TTA075R3	TTA100R3	TTA120R3								
Electrical Data	Power Supply	V/ph/Hz	230/1/60		230/3/60													
Performance Data	Nominal Capacity	Btu/h	36,000	42,000	48,000	60,000	60,000	75,000	90,000	120,000								
	Nominal Airflow	cfm	1,200	1,400	1,600	2,000	2,000	2,400	2,400	3,200								
Indoor Unit			Capillary Tube							Expansion Device								
Expansion Device	Type		Permanent Split Capacitor															
	RLA/LRA	A	1.60/1.84	2.20/2.53	2.20/2.53	2.40/2.76	2.40/2.76	(1.60/1.84) x2	(1.60/1.84) x2	(2.20/2.53) x2								
Control Type	Digital Thermostat									
	3-Minute Time Delay									
Features	Fan Speed		3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto	3 + Auto								
	Auto Swing (Vertical Vane)									
	Temperature Setting	°C	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30								
	Programmable Timer	Hrs	15	15	15	15	15	15	15	15								
Installed Position	Floor									
Dimension	Height	mm	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900								
	Width	mm	600	600	600	848	848	1,196	1,196	1,196								
	Depth	mm	370	370	370	400	400	400	400	400								
Weight		kg	65	68	68	90	90	137	137	144								
Outdoor Unit			Scroll															
Compressor	Type		18.4/95.0		24.3/131.0		24.3/131.0		30.1/175.0		20.7/128.0		25.0/164.0		33.6/231.0		42.0/239.0	
	RLA/LRA		1.25/1.53		1.25/1.53		(0.66/0.80) x2		(0.66/0.80) x2		(0.66/0.80) x2		2.00/3.03		2.00/3.03		2.59/5.50	
Fan Motor	Type		Permanent Split Capacitor															
	RLA/LRA		1.25/1.53		1.25/1.53		(0.66/0.80) x2		(0.66/0.80) x2		(0.66/0.80) x2		2.00/3.03		2.00/3.03		2.59/5.50	
	Height	mm	795	795	1,254	1,254	1,254	1,254	1,050	1,050	1,050							
Dimension	Width	mm	1,018	1,018	988	988	988	988	950	950	950							
	Depth	mm	360	360	350	350	350	350	1,060	1,060	1,060							
Weight		kg	82	84	84	88	88	164	180	180								
Piping Connection Type			Flare Type				Sweat Type											
Refrigerant Pipe Size	Liquid	in	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2							
	Suction	in	3/4	7/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 3/8	1 3/8							

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Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands— including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are a \$13 billion global business committed to sustainable business practices within our company and for our customers.

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.
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