



# Illusion

## Minisplit Air Conditioners

### *Illusion*

*Concealed Type*

*12,000-60,000 Btu/h*

*MCD Series 50/60 Hz*



*Digital Control Option  
available in wired and wireless*



ACYSTAT007A Cool Only  
ACYSTAT009A Cool & Heat

Wired  
Control

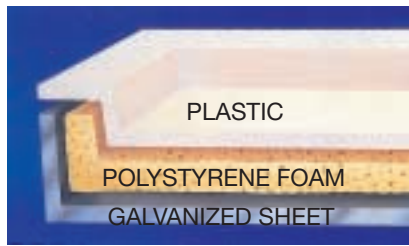


ACYSTAT008B Cool Only  
ACYSTAT010B Cool & Heat

Receiver

Wireless  
Remote  
Control





## Fan Coil Unit

- Complete family of concealed models- available in capacities ranging from 12,000 to 60,000 Btu/h.
- Compact height- only 258 mm. for 12,000 to 36,000 Btu/h models- the MCD Series is very compact for easy installation into tight ceiling locations.
- Return air plenum provides low air face velocity for quiet operation- the 42,000 to 60,000 Btu/h models are equipped with the return air plenum and 1 inch aluminum filter as standard.
- Triple protection drain pan- three layers provide maximum insulation and water integrity. First, a single piece of galvanized steel; next, a single piece of polystyrene; and finally, a vacuum formed plastic liner.
- The 12,000, 18,000 and 24,000 Btu/h models can be used in a multi-split system.
- Full capacity- the MCD Series has been tested and proved to provide full capacity and energy savings.

## Condensing Unit

- High efficiency unit with reliable slit-type aluminum fin.
- Compact unit size allows for installation in limited or confined spaces.
- Options: Blue fin, Copper fin, Stainless casing, and 45 degree louver

### Specifications 50 Hz

Nominal Cooling Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
Airflow	cfm	300	450	600	750	900	900	1,400	1,600	2,000
Power Supply (V/Ph/Hz)		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Indoor Unit Model		MCD512DB	MCD518DB	MCD524DB	MCD530DB	MCD536DB	MCD536DB	MCD048DB	MCD048DB	MCD060DB
Outdoor Unit Model		TKK512PB	TKK518PB	TKK524PB	TKK530PB	TKK536KB	TKK536KD	TKK042KD	TKK048KD	TKK060KD
RLA	Indoor Unit	0.48	0.82	1.37	1.98	2.20	2.20	3.33	3.33	4.30
	Outdoor Unit	6.59	8.47	12.27	18.07	20.33	8.23	9.23	8.9 + 2 x 0.97	10 + 2 x 0.97
Refrigerant pipe size (Outdoor)	Suction (in)	1/2	1/2	5/8	5/8	3/4	3/4	7/8	1 1/8	1 1/8
	Liquid (in)	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Refrigerant		R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
Compressor Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Dimensions Indoor Unit	Height (mm)	258	258	258	258	258	258	408	408	408
	Width (mm)	946	946	946	1,098	1,251	1,251	1,098	1,098	1,251
	Depth (mm)	494	494	531	531	531	531	759	759	759
Dimensions Outdoor Unit	Height (mm)	531	692	692	692	795	795	795	1,254	1,254
	Width (mm)	700	830	830	830	1,018	1,018	1,018	988	988
	Depth (mm)	250	330	330	330	360	360	360	350	350
Weight (Kg)	Indoor Unit	20	22	24	26	29	29	49	49	55
	Outdoor Unit	36	49	56	61	82	80	87	91	94

Note: Outdoor unit's width and depth do not include the size of the mounting feet. For more detail, please see the drawing in the installation manual.

### Specifications 60 Hz

Nominal Cooling Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
Airflow	cfm	300	450	600	750	900	900	1,400	1,600	2,000
Power Supply (V/Ph/Hz)		200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	460/3/60	460/3/60	460/3/60	460/3/60
Indoor Unit Model		MCD512D1	MCD518D1	MCD524D1	MCD530D1	MCD536D1	MCD536D1	MCD048D1	MCD048D1	MCD060D1
Outdoor Unit Model		TKK512P1	TKK518P1	TKK524P1	TKK530P1	TKK536K4	TKK536K4	TKK042K4	TKK048K4	TKK060K4
RLA	Indoor Unit	0.58	0.81	1.42	1.87	2.07	2.07	3.00	3.00	3.80
	Outdoor Unit	5.66	9.76	12.05	16.25	19.65	6.95	8.35	7.2 + 2 x 0.66	8.9 + 2 x 0.66
Refrigerant pipe size (Outdoor)	Suction (in)	1/2	1/2	5/8	5/8	3/4	3/4	7/8	1 1/8	1 1/8
	Liquid (in)	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Refrigerant		R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
Compressor Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Dimensions Indoor Unit	Height (mm)	258	258	258	258	258	258	408	408	408
	Width (mm)	946	946	946	1,098	1,251	1,251	1,098	1,098	1,251
	Depth (mm)	494	494	531	531	531	531	759	759	759
Dimensions Outdoor Unit	Height (mm)	531	692	692	692	795	795	795	1,254	1,254
	Width (mm)	700	830	830	830	1,018	1,018	1,018	988	988
	Depth (mm)	250	330	330	330	360	360	360	350	350
Weight (Kg)	Indoor Unit	20	22	24	26	29	29	49	49	55
	Outdoor Unit	36	49	53	61	81	79	81	84	92

Note: Outdoor unit's width and depth do not include the size of the mounting feet. For more detail, please see the drawing in the installation manual.



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