

TCL AC | Smart Air, Soft Care

MONO SPLIT LIGHT COMMERCIAL AIR CONDITIONER

Super Slim Air duct D Series

M42D1W1



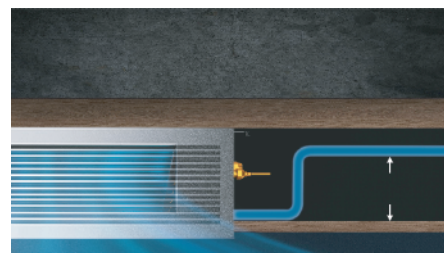
Ultra-thin Design

Ultra-thin body for concealed installation and can match a variety of decoration styles.



Fresh Air Intake

To make indoor air healthier and more comfortable.



Drain Pump

For convenient to installation and improving drainage efficiency.



Wide Range of Static Pressure

Providing comfortable flow to multiple area.



Flexible Installation

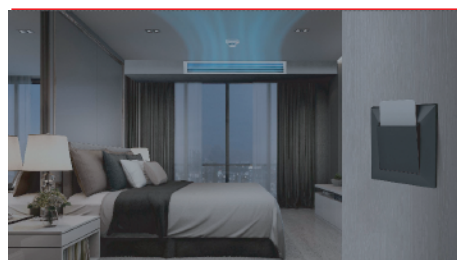
You can choose back air intake or down air intake.



Dual Drainage

You can choose to drain from the left or right.

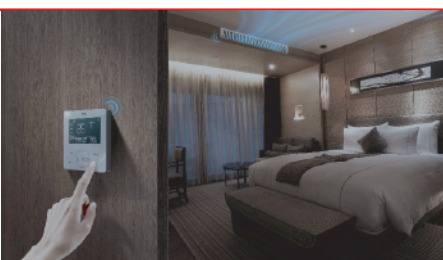
Hotel Mode



Door Card, Window Switch, Fire Alarm

When a guest exits the room and removes the door card, when a window is left open, in the event of a fire alarm :

The air conditioner is programmed to automatically power down.



Wire Controller

Guests can easily adjust the temperature and settings according to their preference.



Compliant To BMS System & Airzone

Compliant to building management system and Airzone for more convenient monitoring and control

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Functions



Ultra-Thin Design



Fresh Air Intake



Built-In Drain Pump



Flexible Installation



Dual Drainage



Hotel Mode



Wired Control



IOT Wifi Control



Inverter Technology



Heating & Cooling



Cooling Under Extreme Condition



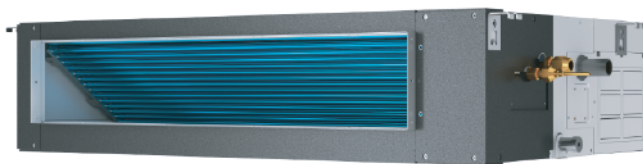
Heating Under Extreme Condition



Cooling



Heating



Technical Specifications

			Air Duct
Model Name			M42D1W1
Ean Code			8720568105406
Indoor unit model name			MN42DW1
Ean code			8720568105734
Outdoor unit model name			MT4211
Ean code			8720568105963
Main Specifications			
Cooling	Declared cooling capacity (mini-maxi)	Btu/h	42000(12000-45000)
	Declared cooling capacity (mini-maxi)	W	12100(3520-13200)
	Pdesignc	W	12100
	Indoor cooling operating current	A	1.3(0.41-1.41)
	Indoor cooling power consumption (mini-maxi)	W	280(90-310)
	Outdoor cooling operating current (mini-maxi)	A	18.2(0.87-20.5)
	Outdoor cooling Power consumption (mini-maxi)	W	4000(190-4500)
Heating	Declared heating capacity (mini-maxi)	Btu/h	46000(13000-51000)
	Declared heating capacity (mini-maxi)	W	13500(3810-14950)
	Pdesignh average	W	9500
	Indoor heating operating current	A	1.3(0.41-1.41)
	Indoor heating power consumption	W	280(90-310)
	Outdoor heating operating current (mini-maxi)	A	16.4(1.4-17.3)
	Outdoor heating power consumption (mini-maxi)	W	3600(310-3800)
Performance			
Cooling	EER declared		2,95
	SEER declared		6,1
Heating	COP average declared		3,3
	SCOP declared		4
Moisture removal		L/h	4,2
Indoor sound power (s/h/m/l/mute)		dB (A)	62/60/58/55/53
Outdoor sound power		dB (A)	68
Indoor sound pressure (s/h/m/l/mute)		dB (A)	52/50/48/45/43
Outdoor sound pressure		dB (A)	58
Energy Class			
Cooling			A++
Heating			A+
Outdoor Operating Temperature Range			
Cooling mode		°C	15 / 50°C
Heating mode		°C	-15 / 24°C
Logistic Data			
Indoor Unit	Product size (w x h x d)	mm	1400×700×250
	Product weight	kg	37
	Packaging size (w x h x d)	mm	1632x298x827
	Packaging weight	kg	42
Outdoor Unit	Product size (w x h x d)	mm	910×804×378
	Product weight	kg	55
	Packaging size (w x h x d)	mm	1022x835x480
	Packaging weight	kg	60
Electrical Connection			
Power supply Indoor Unit			220-240V~/50Hz/1P
Power supply Outdoor Unit			220-240V~/50Hz/1P
Connecting wiring (core x size)			outdoor 3*2.5mm ² ; outdoor to indoor 3*1.5mm ² +3*0.75"
Refrigeration Fluid And Connection			
Refrigerant type			R32
Charge			2.20kg
Gwp			675
Co2 equivalent			1.485tonnes
Max. refrigerant pipe length(m)		m	50
Max. difference in level		m	30
Gas connecting pipe		Inches	5/8"
Liquid connecting pipe (inches)		Inches	3/8"

*Warranty may vary by country / Specifications are subject to change without notice / Photos are not contractual.