

# TERRA 360 ROUND FAN COIL

ROUND CASSETTE WITH AN INNOVATIVE 360° AIRFLOW ENSURES OPTIMAL AIR CONDITIONING WHICH ALSO ELIMINATES DEAD ZONES. 360 DEGREE DIRECTIONAL WIND COMING OUT FROM CIRCULAR HEAT EXCHANGER CAN DELIVER AIR EVENLY THROUGHOUT EVERY CORNER IN ANY SPACE.

AIR FLOW: 500 – 1400CFM

COOLING CAPACITY: 4.5KW -12.6KW

**1 YEAR WARRANTY, SPARE PARTS AVAILABILITY  
AND SERVICE GUARANTEED**

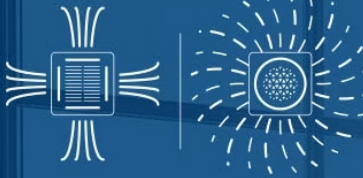
## FEATURES:

- HIGH EFFICIENCY ROUND DESIGN
- SILENT HI-QUALITY PLASTIC WHEEL FAN
- FRESH AIR INTAKE OPTIONAL
- BUILT-IN DRAIN PUMP & FLOAT SWITCH



CONVENTIONAL

360 CST



### UNIT BODY

MADE OF GALVANIZED STEEL, WITH PRE-FORMED EXPANDED POLYSTYRENE AIR PASSAGES SUITABLE SHAPED TO ALLOW PASSAGE OF AIR, THICKNESS ENOUGH FOR THERMAL AND ACOUSTICAL INSULATION.

### PANEL ASSEMBLY-WITH DIGITAL LED DISPLAY

AESTHETIC PANEL DESIGN, IN ABS MATERIAL WITH SYNTHETIC WASHABLE AND REMOVAL AIR FILTER AND EQUIPPED WITH DIGITAL LED DISPLAY.

### PLASTIC WHEEL-QUIET RUNNING

ONE-TIME INJECTION FORMING, NO WELDING BETWEEN THE FAN BLADES AND INLET CONE/END PLATE, IT MAKES THE WHEEL GOOD BALANCING; AN ANTIVIBRATION RUBBER IS INSTALLED ON THE HUB TO ENSURE LESS VIBRATION, LOW NOISE ON THE WHEELS AND MOTORS. EACH WHEEL WILL BE BALANCED UNDER 0.5 MM/S.

### FRESH AIR INTAKE

FRESH AIR INTAKE IS SANDARD FOR FOR THE UNIT.

### CIRCULAR HEAT EXCHANGER

HIGH EFFICIENCY CIRCULAR COIL ARE MADE OF COPPER TUBES AND HIGH EXCHANGE SURFACE AREA ALUMINUM BLUE FINS. WITH BUILT-IN EEV, EXTERNAL EEV IS OPTIONAL.

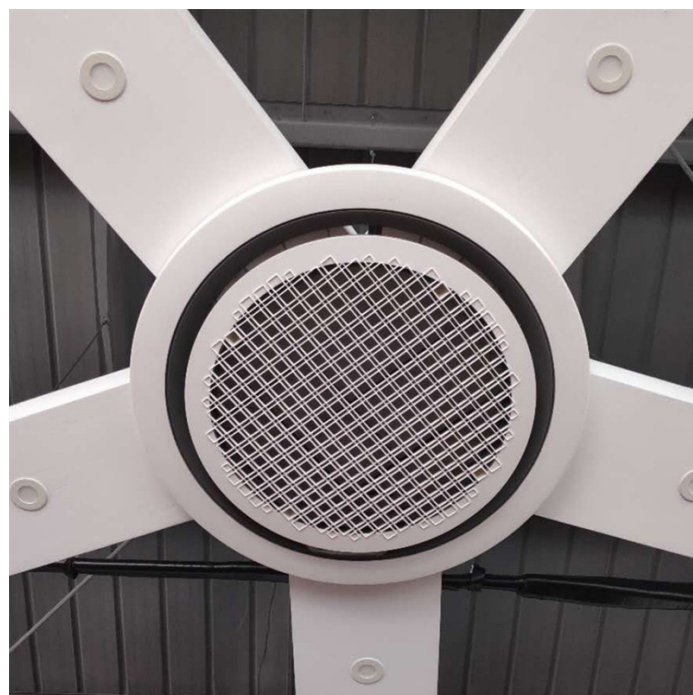
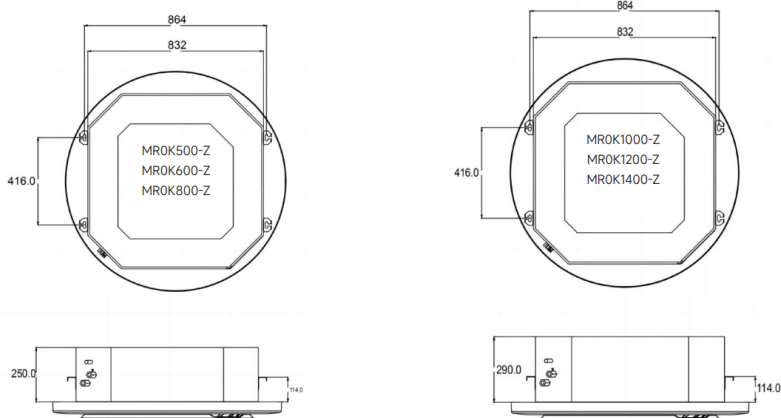
### CONDENSATE DRAIN PAN

IN THERMOFORMING HIGH DENSITY EXPANDED POLYSTYRENE, COVERED WITH A VACUUM FORMING POLYVINYL CHLORIDE, FITTED WITH A CONDENSATE DRAINING PUMP AND A SAFETY FLOAT.

### DRAIN PUMP AND FLOAT SWITCH

700MM HEAD DRAIN PUMP WITH NO RETURN VALVE IS INSTALLED IN THE UNIT; AN FLOAT SWITCH INSIDE AS WELL TO PREVENT FROM LEAKING. IF THE WATER RAISING TO A CERTAINLY POSITION, THE FLOAT SWITCH WILL ACT AND ALARM, THEN THE UNIT WILL CUT OFF THE WATER VALVE OR STOP THE FAN MOTOR.

# TERRA 360 ROUND FAN COIL



Unit model AC/EC			MROK500-Z	MROK600-Z	MROK800-Z	MROK1000-Z	MROK1200-Z	MROK1400-Z
Air volum	H L M	m <sup>3</sup> /h	850	1020	1360	1700	2040	2380
			638	765	1020	1275	1530	1785
			425	510	680	850	1020	1190
Cooling	cooling capacity	H	4.50	5.40	7.20	9.00	10.80	12.60
		L	3.60	4.32	5.76	7.20	8.64	10.08
		M	2.70	3.24	4.32	5.40	6.48	7.56
	water flow	L/h	780	940	1200	1650	1850	2150
water resistance	kPa	30	40	40	40	40	50	
Heating	60 °C water intake heating capacity	H	6.75	8.10	10.80	13.50	16.20	18.90
		L	5.40	6.48	8.64	10.80	12.96	15.12
		M	4.05	4.86	6.48	8.10	9.72	11.34
	45 °C water intake heating capacity	H	4.50	5.40	7.20	9.00	10.80	12.60
		L	3.60	4.32	5.76	7.20	8.64	10.08
		M	2.70	3.24	4.32	5.40	6.48	7.56
FAN	FORM		Centrifugal wind wheel					
	SIZE	mm	Φ 450	Φ 450	Φ 450	Φ 476	Φ 476	Φ 476
	quantity		1					
Power mode	V/Ph/Hz	220/1/50-60						
input power	W	74	93	130	147	183	221	
operating current	A	0.34	0.42	0.59	0.67	0.83	1.00	
noise	dB (A)	43	45	46	48	50	52	
control mode		Remote control (remote controller optional)						
Machine dimensions (L*W*H)	mm	835*835*255	835*835*255	835*835*255	835*835*290	835*835*290	835*835*290	
Panel size	mm	1100*105	1100*105	1100*105	1100*105	1100*105	1100*105	
net weight	kg	25	25	25	34	34	34	
Water pipe	wet return	in	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
	outlet pipe	in	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
drain pipe (EXT)	mm	26	26	26	26	26	26	

Test conditions

Cooling-Clrt dry bulb temperature: 27 ° C, net bulb temperature 19.5 ° C, inlet temperature 7 ° C, outlet temperature 12 ° C

Heating :Intet air dry bulb temperatu, re: 20 ° C; The inlet water temperature is 60 ° C/45 ° C, and the flow rate is the same as that of refrigeration