



MIZ48
FREE STANDING UNIT
HEAT PUMP MODELS
AVAILABLE IN 4 TONS



MADE IN
SAUDI
ARABIA

INDOOR UNIT FEATUES



ATTRACTIVE DESIGN

ATTRACTIVE FRONT PANEL DESIGN
TO BLEND WITH INTERIOR.

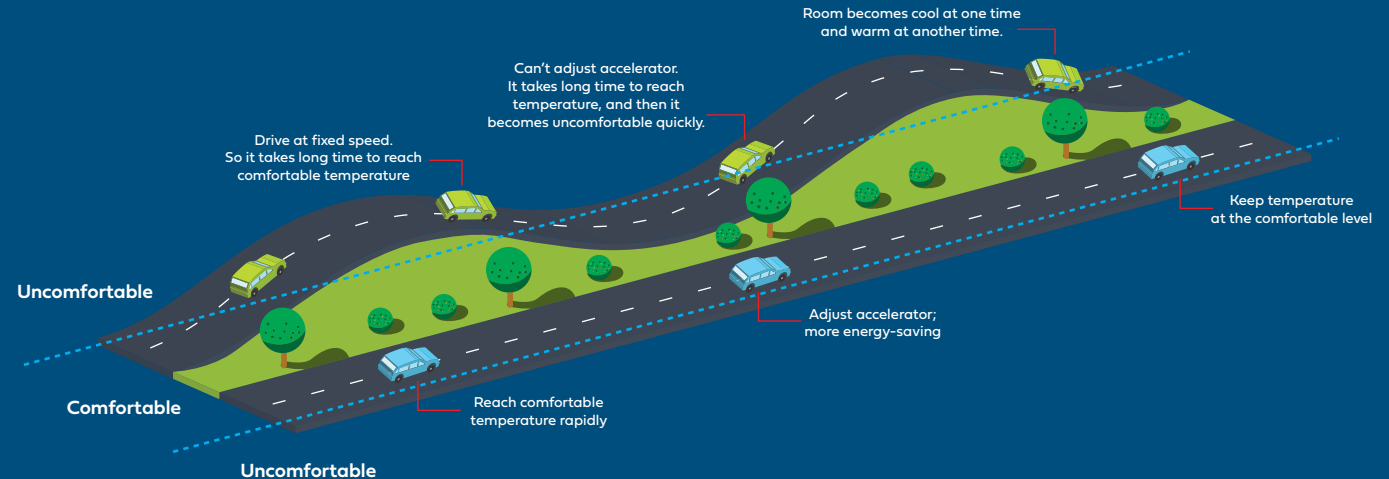
- 01 ENERGY CLASS **C**
- 02 CONSISTENT HIGH PERFORMANCE 
- 03 WI-FI ENABLED 
*WI-FI IS OPTIONAL, SUBJECTED TO RMY
- 04 LOW VOLTAGE STARTUP 
- 05 AUTO COOLING SYSTEM 



- 06  SLEEP MODE
- 07  ON & OFF TIMER 24H
- 08  AUTO MODE
- 09  TURBO MODE
- 10  SELF DIAGNOSTIC SYSTEM

HIGH EFFICIENCY

Advance Zamil AC inverter technology make sure to bring room temperature quickly to your desired setting by operating at higher speed . Once set temperature is achieved, it keeps temperature constant by synchronizing motor speed based on demand. Thus giving maximum comfort.



Trio
INVERTER



DC COMPRESSOR



DC ODU
MOTOR



DC IDU
MOTOR

Zamil inverter AC is equipped with next generation Trio DC technology. Compressors and all fan motors are brushless DC type, which ensures higher efficiency at lower sound levels. Hence, more comfort at less operating cost.

OUTDOOR UNIT FEATURES



COMPRESSOR TESTED UP TO 60°C

Compressor are tested up to 60°C ensure reliability of the unit at adverse ambient conditions.



ANTI RUST CASING

Powder coated anti rust casings are used for longer life.

ROTARY COMPRESSOR

Powerful Rotary compressor is used to deliver more capacity with less power consumption for better efficiencies.



HIGH EFFECIENCY HEAT EXCHANGER IGT + FINS

High efficiency heat exchangers are designed by use of inner grooved tubes bonded by enhanced fins.

SPECIFICATIONS

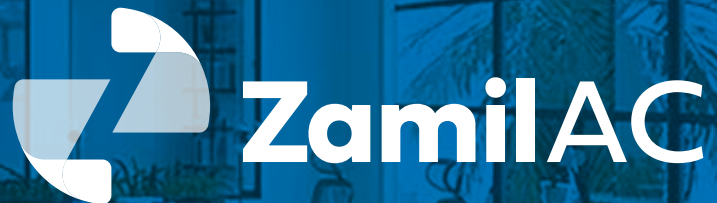
MODEL NUMBER		INDOOR UNIT	MIZ48
		OUTDOOR UNIT	MKZ48
MODE OF OPERATION		Cool only / Heat pump	HEAT PUMP
POWER SUPPLY		Volts-Ph-Hz	230-1-60
ENERGY CLASS			C
COOLING CAPACITY (T1 & T3)		Btu/h	42000 / 32600
POWER INPUT (T1 & T3)		W	3415 / 3793
EER (T1 & T3)		BTU/(W.h)	12.3 / 8.7
HEATING CAPACITY		W	15750
POWER INPUT (Heating)		W	4500
COP (Heating)		W/W	3.5
SEER**		BTU/(W.h)	12.7
ANNUAL ENERGY CONSUMPTION**		kWh	10331
EVAPORATOR AIR FLOW VOLUME (COOLING/HEATING)		CFM	1400 / 1300 / 1170
BLOWER MOTOR	RLA/POWER INPUT	A / W	2.16 / 210
COMPRESSOR	RLA	A	7
CONDENSER FAN MOTOR	RLA/POWER INPUT	A / W	1.178 / 126
COMPRESSOR TYPE			Twin-Rotary
REFRIGERANT TYPE			R410a
MAXIMUM FUSE SIZE/CIRCUIT BREAKER	AMPS (IDU/ODU)	A	40/50
LIQUID - SUCTION - DRAIN PIPE DIA		INCH	3/8" , 7/8" , 5/8"
MAX ALLOWED CONNECTION PIPE LENGTH	TOTAL / VERTICAL	M	50 / 30
NET/GROSS WEIGHT	INDOOR UNIT	Kg	58.2/76.9
	OUTDOOR UNIT	Kg	97.4/111.5
DIMENSIONS (WxDxH)	INDOOR UNIT	MM	629x456x1935
	OUTDOOR UNIT	MM	952x415x1333

CONTINUOUS RESEARCH RESULTS IN STEADY IMPROVEMENTS. THEREFORE, THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE:

1. T1 CONDITION : COOLING CAPACITY AND POWER INPUT DATA @ 27° C DB / 19° C WB INDOOR TEMPERATURE & 35° C DB OUTDOOR TEMPERATURE - ISO 5151
2. T3 CONDITION : COOLING CAPACITY AND POWER INPUT DATA @ 84.2°F DB / 66.2°F WB INDOOR TEMPERATURE (29/19° C) & 115°F (46° C) DB OUTDOOR TEMPERATURE - SASO
3. HEATING CAPACITY & POWER INPUT DATA @ 20° C DB / 15° WB INDOOR TEMPERATURE & 7° C OUTDOOR TEMPERATURE. AT OUTDOOR TEMPERATURE LESS THAN -2 DEG C, OTHER SOURCE OF HEATING MUST BE USED.
4. SOUND PRESSURE LEVEL IS MEASURED AT A DISTANCE OF 1 MTR. IN HEMI ANECHOIC ROOM.
5. SEER & AEC : REFER VALUES ON SASO LABEL (PHYSICAL UNIT), CAN BE SLIGHTLY DIFFERENT THAN CATALOGUE VALUES.
6. Refrigerant charge for outdoor units suitable for 5 meters of interconnecting pipe, for exact charge refer outdoor unit Nameplate.





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CUSTOMER SERVICE

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