

MXZ-8A140VA Power Multi (14kW)

R410A Inverter Heat Pump Multi-Split Unit

New Series

The Power Multi system allows up to eight M Series or Mr Slim wall mounted, cassette, ducted, floor or ceiling mounted indoor unit heat-pumps of different capacities to be operated from a single outdoor unit, making use of two types of branch box to achieve this. This makes it an economic answer in multi-room applications and ideal for apartments or small commercial buildings.

- 14kW Inverter Multi System, based on Mr Slim Power Inverter technology
- Total Pipe length of 115m / Height difference of 30m
- Individual control of each indoor unit is now possible (ON/OFF & Setpoint)
- Low starting and running currents
- Connection to M-NET system via **MAC-399IF-E** interface (one per indoor unit)
- New Centralised Simple ON/OFF remote controller **MAC-821SC-E** available to control up to 8 indoor units (interface **MAC-397IF-E** is needed, one per indoor unit)



Technical Information >>

MULTI-SPLIT - INDOOR UNITS

MODEL REFERENCE	WALL MOUNTED	FLOOR MOUNTED	DUCTED	CEILING CASSETTE
MXZ-8A140VA	MSZ-GA22/25/35/50/60/71VA	MFZ-KA25/35/50VA	SEZ-KA35/50/60VA PEAD-RP50/60/71EA	SLZ-KA25/35/50VA PLA-RP35/50/60/71AA

MXZ-8A140VA - OUTDOOR UNIT

MODEL REFERENCE	MXZ-8A140VA
NUMBER OF CONNECTABLE INDOOR UNITS	2 - 8
CAPACITY (kW)	Heating (nominal) 16.0 Cooling (nominal) 14.0 Heating (UK) 13.3 Cooling (UK) 13.9
COP / EER (nominal)	4.10 / 3.69
ENERGY LABEL	Heating/Cooling A / A
MAX AIRFLOW (m3/min)	100
NOISE (dBA)	Lo-Hi 52 / 50
DIMENSIONS (mm)	Width 950 Depth 330 (+30) Height 1350
WEIGHT (kg)	128
ELECTRICAL SUPPLY	220-240v, 50Hz
POWER INPUT (kW)	Heating/Cooling (nominal) 3.90 / 3.79 Heating/Cooling (UK) 3.55 / 3.03
STARTING CURRENT (A)	14
RUNNING CURRENT (A)	Heating/Cooling 16.33 / 15.86
INTERCONNECTING CABLE No. CORES	4 Core
TOTAL PIPE LENGTH (m)	115
MAX PIPE LENGTH PER INDOOR UNIT (m)	15 (from Branch Box)
FURTHEST PIPE LENGTH - Outdoor to Indoor (m)	70
MAX HEIGHT DIFFERENCE - Outdoor to Indoor (m)	30 (20 if Outdoor higher than Indoor)
MAX HEIGHT DIFFERENCE - Indoor to Indoor (m)	12
CHARGE R410A (kg) - 40m	8.5
FUSE RATING (BS88) - HRC (A)	40

PAC-AK30BC - BRANCH BOX

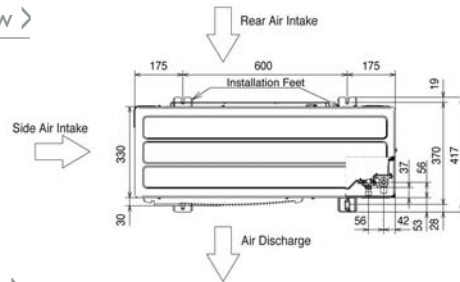
MODEL REFERENCE	PAC-AK30BC
NUMBER OF CONNECTABLE INDOOR UNITS	1 - 3
POWER SUPPLY TO BRANCH BOX	From Outdoor Unit
POWER SUPPLY TO INDOOR UNITS	From Branch Box
PIPE SIZE mm(in) Main Outdoor Side - Gas	15.88(5/8")
PIPE SIZE mm(in) Main Outdoor Side - Liquid	9.52(3/8")
MAX PIPE LENGTH - Outdoor Unit to Branch Box (m)	55
TOTAL PIPE LENGTH - Branch Boxes to Indoor Unit (m)	60
MAX HEIGHT DIFFERENCE - Outdoor Unit to Branch Box (m)	30
MAX HEIGHT DIFFERENCE - Branch Box to Indoor Unit (m)	15
DIMENSIONS (mm)	Width 450 Depth 280 Height 198

PAC-AK50BC - BRANCH BOX

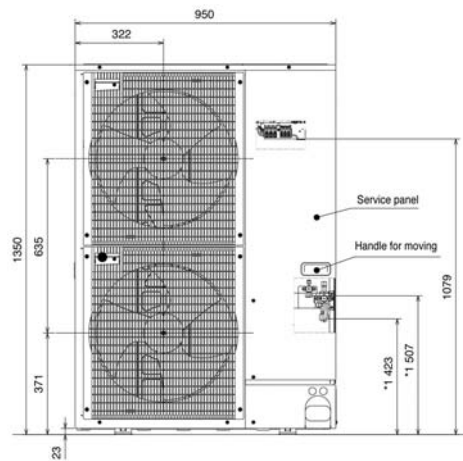
MODEL REFERENCE	PAC-AK50BC
NUMBER OF CONNECTABLE INDOOR UNITS	1 - 5
POWER SUPPLY TO BRANCH BOX	From Outdoor Unit
POWER SUPPLY TO INDOOR UNITS	From Branch Box
PIPE SIZE mm(in) Main Outdoor Side - Gas	15.88(5/8")
PIPE SIZE mm(in) Main Outdoor Side - Liquid	9.52(3/8")
MAX PIPE LENGTH - Outdoor Unit to Branch Box (m)	55
TOTAL PIPE LENGTH - Branch Boxes to Indoor Unit (m)	60
MAX HEIGHT DIFFERENCE - Outdoor Unit to Branch Box (m)	30
MAX HEIGHT DIFFERENCE - Branch Box to Indoor Unit (m)	15
DIMENSIONS (mm)	Width 450 Depth 280 Height 198

OUTDOOR UNIT MXZ-8A140VA

Upper View >



Front View >

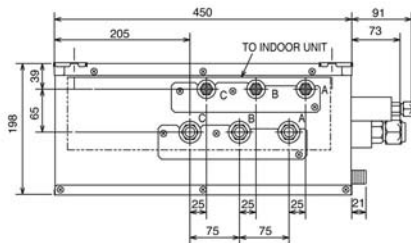


Side View >

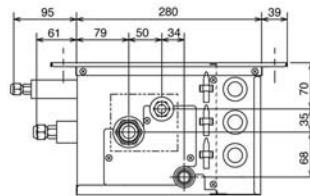


BRANCH BOX PAC-AK30BC

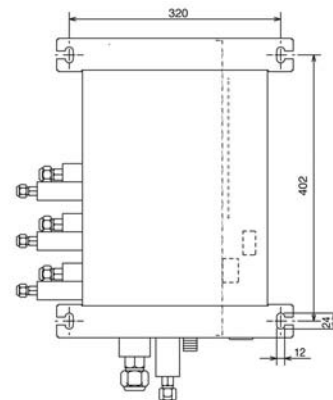
Front View >



Side View >

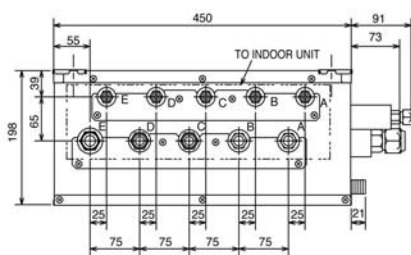


Upper View >

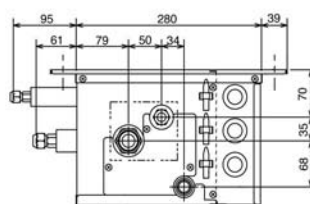


BRANCH BOX PAC-AK50BC

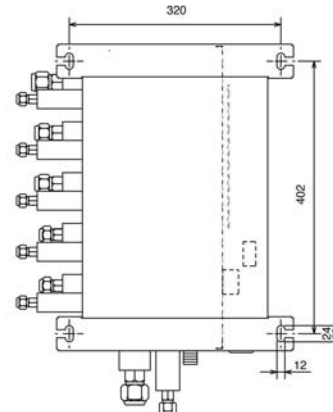
Front View >



Side View >



Upper View >



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