Air Conditioning

Product Information

PURY-EP450YLM-A1
Heat Recovery Outdoor Unit

Making a World of Difference

CITY MULTI



Throughout the year, many buildings require cooling in some areas and heating in others - even in adjacent rooms. The outstanding City Multi High COP R2 system meets this requirement by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings of up to 30% over conventional systems.

Key Features

- Unique 2-pipe technology means minimal disruption, quicker installation and less connections than 3 pipe equivalents
- Designed from day 1 for seasonal efficiency
- Flat tube aluminium micro-channel heat exchanger protected with a sacrificial zinc coating - a world's first in VRF providing higher heat transfer, improved efficiency and reduced weight, size and refrigerant volume
- Energy-saving inverter driven compressor with very low start currents
- Reduced standby power by up to 50% using induction heated compressor
- By changing the system evaporating temperature, there are various options for indoor units to offer increased air off temperatures, higher SHF and improved comfort with the benefit of energy saving
- A choice of standard reverse defrost or a continued supply of heating during the defrost cycle

MITSUBISHI ELECTRIC

Air Conditioning | Heating
Ventilation | Controls

Air Conditioning

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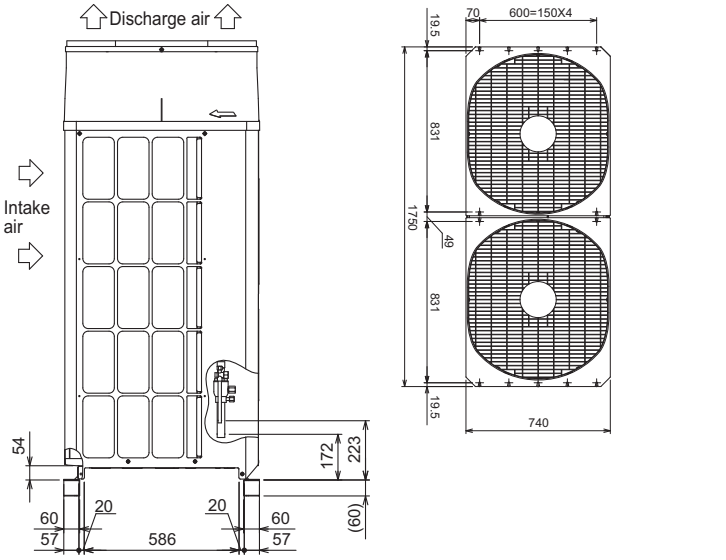
Heat Recovery Outdoor Unit

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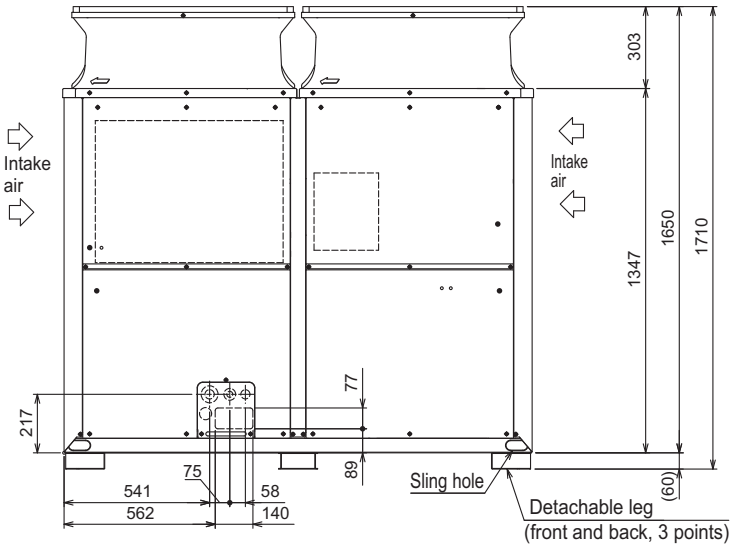
PUHY - OUTDOOR UNIT		PURY-EP450YLM-A1
CAPACITY (kW)	Heating (nominal)	56.0
	Cooling (nominal)	50.0
	High Performance Heating (UK)	50.7
	COP Priority Heating (UK)	48.7
	Cooling (UK)	44.4
POWER INPUT (kW)	Heating (nominal)	15.86
	Cooling (nominal)	14.83
	High Performance Heating (UK)	18.10
	COP Priority Heating (UK)	14.50
	Cooling (UK)	6.94
COP / EER (nominal)		3.53 / 3.37
SCOP / SEER (system)		4.93 / 7.05
MAX No. OF CONNECTABLE INDOOR UNITS		45
MAX CONNECTABLE CAPACITY		50~150% OU Capacity
AIRFLOW (m^3/min)	High	320
PIPE SIZE mm (in)	Gas	28.58 (1-1/8")
	Liquid	22.2 (7/8")
SOUND PRESSURE LEVEL (dBA)		62.5
SOUND POWER LEVEL (dBA)		86
WEIGHT (kg)		336
DIMENSIONS (mm)	Width	1750
	Depth	740
(1650mm without legs)	Height	1710
ELECTRICAL SUPPLY*		380-415v, 50Hz
PHASE*		Three
STARTING CURRENT (A)*		8 / 8
NOMINAL SYSTEM RUNNING CURRENT (A)* Heating / Cooling [MAX]		24.5 / 22.9 [37.4]
GUARANTEED OPERATING RANGE (°C) Heating / Cooling		-20~15.5 / -5~46
FUSE RATING (MCB sizes BS EN 60947-2) - (A)*		1 x 40
MAINS CABLE No. Cores*		4

Note: * A separate power supply is required for each module.

DIMENSIONS







MITSUBISHI ELECTRIC
Changes for the Better

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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.

Green Gateway
www.greengateway.mitsubishielectric.co.uk
Mitsubishi Electric UK's commitment to the environment

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Effective as of April 2015