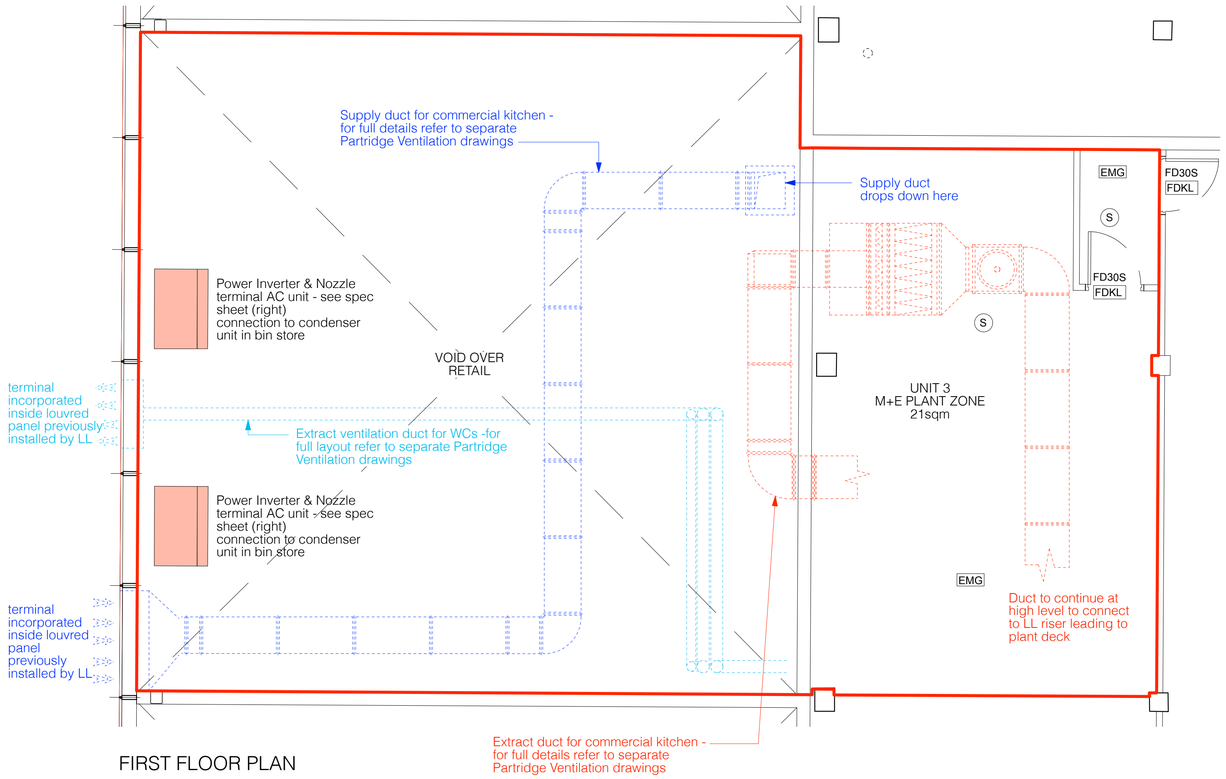
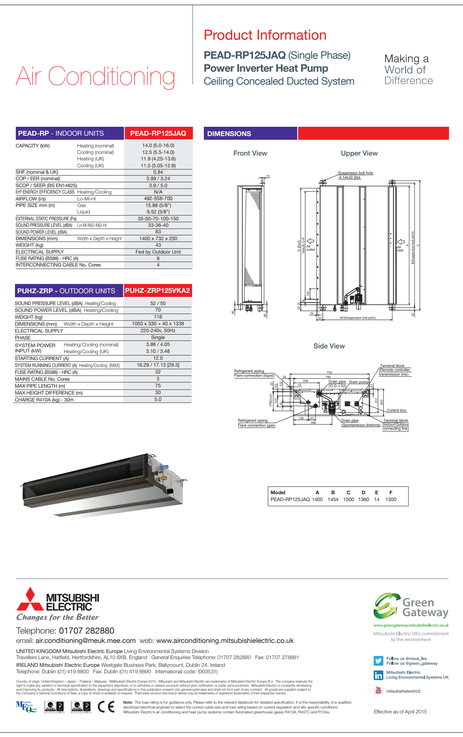


FIRST FLOOR PLAN



Air Conditioning

Product Information

PEAD-RP125JAQ (Single Phase)
Power Inverter Heat Pump
Ceiling Concealed Ducted System

Making a World of Difference

PEAD-RP - INDOOR UNITS		PEAD-RP125JAQ
CAPACITY (kW)	Heating (nominal)	14.0 (5.0-16.0)
	Cooling (nominal)	12.5 (5.0-14.0)
	Heating (LA)	11.9 (4.25-13.6)
	Cooling (LA)	11.5 (5.05-12.8)
SRF (nominal & LA)		3.70 / 3.70
COP / EER (nominal)		3.90 / 3.24
SCOP / SEER (EN14825)		3.9 / 5.0
EP ENERGY EFFICIENCY CLASS	Heating/Cooling	N/A
AIRFLOW (l/s)	Lo-Mi-Hi	492-558-700
PIPE SIZE: mm (in)	Gas	15.88 (5/8")
	Liquid	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa		25-50-75-100-150
SOUND PRESSURE LEVEL (dBA)	Lo-Mi-Hi	33-36-40
SOUND POWER LEVEL (dBA)		63
DIMENSIONS (mm)	Width x Depth x Height	1400 x 732 x 250
WEIGHT (kg)		43
ELECTRICAL SUPPLY		Fed by Outdoor Unit
FUSE RATING (BSBB) - HRC (A)		6
INTERCONNECTING CABLE No. Cores		4

PUHZ-ZRP - OUTDOOR UNITS		PUHZ-ZRP125VKA2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	52 / 55
SOUND POWER LEVEL (dBA)	Heating/Cooling	70
WEIGHT (kg)		116
DIMENSIONS (mm)	Width x Depth x Height	1050 x 330 + 40 x 1038
ELECTRICAL SUPPLY		220-240v, 50Hz
PHASE		Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	3.86 / 4.05
	Heating/Cooling (LA)	3.10 / 3.48
STARTING CURRENT (A)		12.0
SYSTEM RUNNING CURRENT (A)	Heating/Cooling (MAX)	16.29 / 17.13 [29.3]
FUSE RATING (BSBB) - HRC (A)		32
MAINS CABLE No. Cores		3
MAX PIPE LENGTH (m)		75
MAX HEIGHT DIFFERENCE (m)		30
CHARGE IN FOA (kg) - 30m		5.0

DIMENSIONS

Front View

Upper View

Side View

Model	A	B	C	D	E	F
PEAD-RP125JAQ	1400	1454	1500	1360	14	1000

MITSUBISHI ELECTRIC
Changes for the Better

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

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Effective as of April 2015

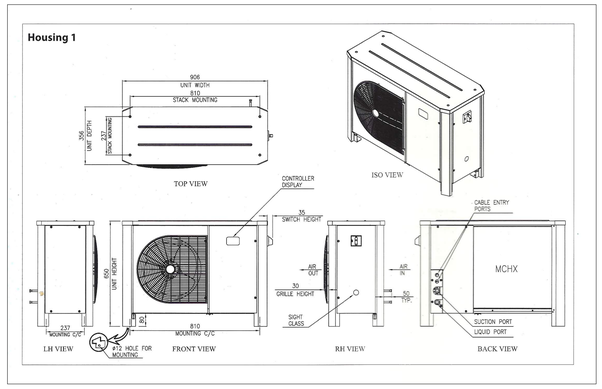
Country of origin United Kingdom – Japan – Thailand – Malaysia. Mitsubishi Electric Europe B.V.: Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing, improving and adding to its range of products. All sales are subject to the Conditions of Sale of Mitsubishi Electric Europe B.V. which are available on request. Third party product and brand names may be trademarks or registered trademarks of their respective owners.

Note: The fuse rating is for guidance only. Please refer to the relevant datasheet 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.

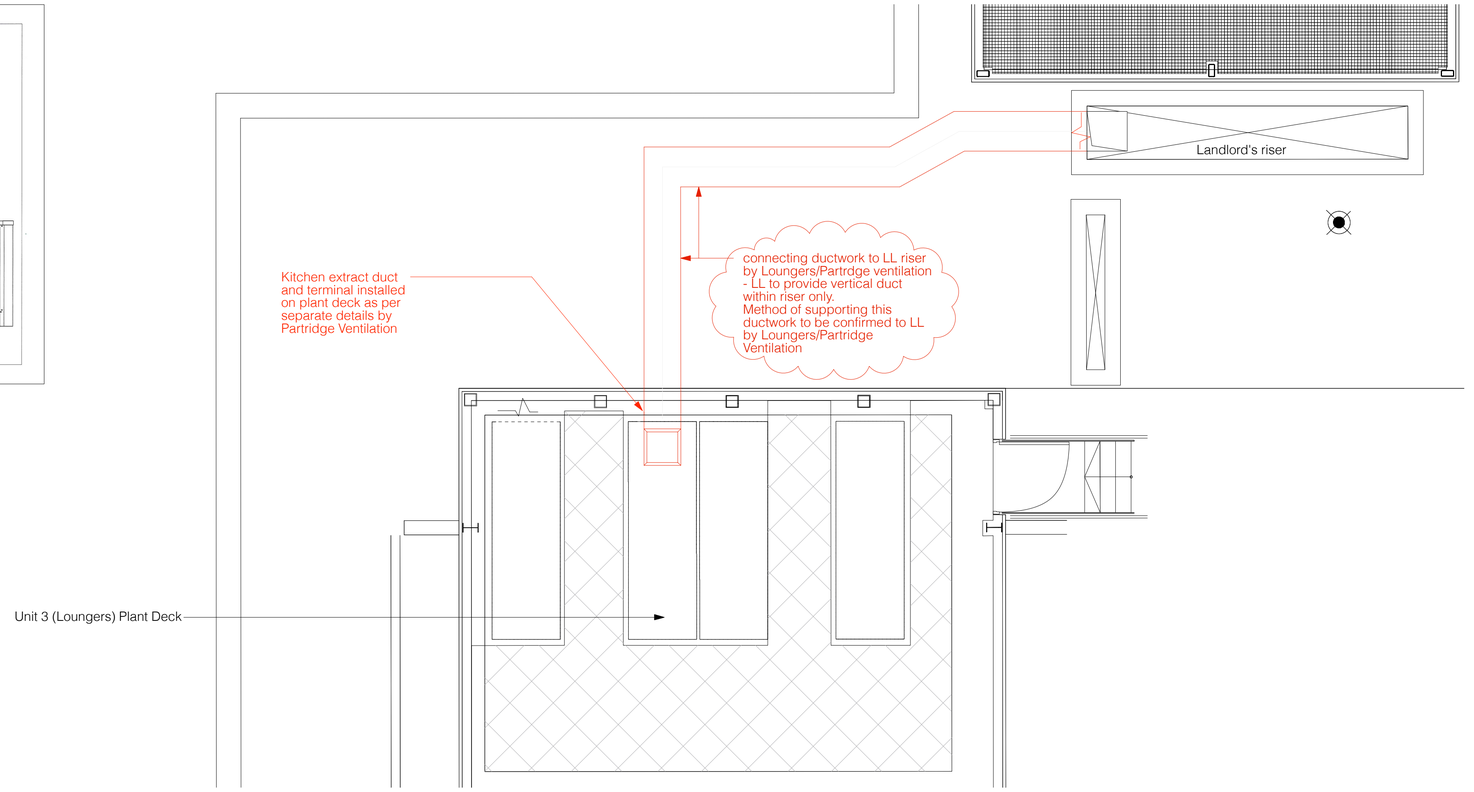
Internal Power Inverter Heat Pump units - dimensions & appearance

FIRE KEY:

EXIT	Illuminated Fire Exit sign in accordance with BS5266 - 1:2016	FACP	Fire Alarm Control Panel
	Alarm sounder	SD	Smoke detector
C	Break glass call point for fire alarm in accordance with BS5839-1:2017	S	Smoke detector/alarm
		HD	Heat detector
FD30	Fire door to provide min. 30 minutes fire protection	EMG	Emergency lighting in accordance with BS5266 - 1:2016
FD30S	Fire door to provide min. 30 minutes fire protection and where restricted smoke leakage at ambient temperatures is needed.	FDKL	Fire Door Keep Locked
		FDKC	Fire Door Keep Closed



External Condensing units - dimensions & appearance
(to be located in Bin Cage as agreed with Bruntwood)



PLAN OF PLANT DECK - FIFTH FLOOR LEVEL

Rev	Date	Initials	Details
D	11.12.18	DR	British Standards updated
C	01.11.18	DR	see bubbled note
B	23.10.18	DR	Ventilation layout updated
A	04.09.18	DR	Services updated and coordinated

Purpose of Issue
BUILDING REGULATIONS

RICHARD PEDLAR ARCHITECTS
ARCHITECTURE • CONSERVATION • URBAN DESIGN

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Bristol BS6 6UJ • 0117 974 2612
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Project **Navarro Lounge** at Unit 3, Manchester Business School

Client Loungers Ltd.

Title First Floor Plan & Roof Deck - Proposed

Drawing No. LNG3378.12D

Scale 1:50 @ A1
1:100 @ A3

Date JUNE 2018

Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information to be taken from figured dimensions only.