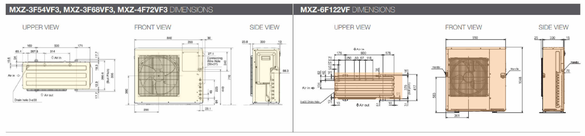
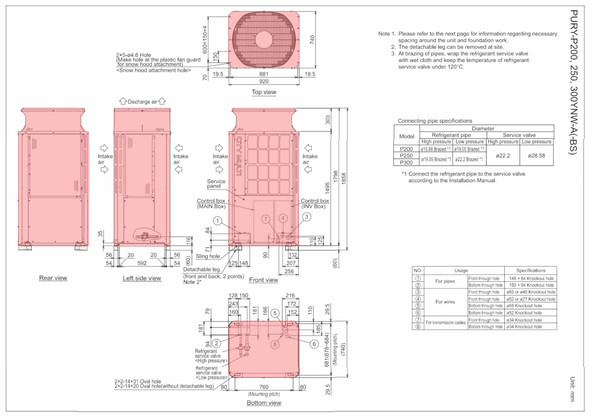
MXZ-F OUTDOOR UNITS	MXZ-3F68VF3	MXZ-6F122VF
NUMBER OF CONNECTABLE INDOOR UNITS	2-3	2-6
CAPACITY		
Heating (nominal)	7.0 (2.6-9.0)	14.0 (3.5-16.5)
Cooling (nominal)	5.4 (2.9-6.8)	12.2 (3.5-13.5)
Heating (UK)	5.81 (2.16-7.47)	11.6 (2.90-13.71)
Cooling (UK)	5.30 (1.10-5.60)	12.1 (3.47-13.39)
COP/EER (nominal) *1	4.60 / 4.10	4.23 / 3.33
SCOP (nsc) / SEER (nsc) (BS EN14825)	4.61 / 8.52	4.65 (183.1%) / 7.65 (303%)
ErP ENERGY EFFICIENCY CLASS		
Heating/Cooling	A++ / A+++	A++ / A++
MAX AIRFLOW (m^3/min)		
Heating/Cooling	43.0 / 42.1	77 / 63
SOUND PRESSURE LEVEL (dBA)		
Heating/Cooling	50 / 46	57 / 55
SOUND POWER LEVEL (dBA)		
Cooling	59	69
DIMENSIONS (mm) WxDxH	840 x 330 x 710	950 x 330 x 1048
WEIGHT (kg)	58	87
ELECTRICAL SUPPLY	220 – 240v, 50Hz	220 - 240v, 50Hz
PHASE	Single	Single
POWER INPUT		
Heating/Cooling (nominal)	1.52 / 1.32	3.31 / 3.66
Heating/Cooling (UK)	1.38 / 1.06	3.04 / 3.44
STARTING CURRENT (A)	7.0	16.1
RUNNING CURRENT (A)	7.0 / 5.9 [18.0]	14.5 / 16.1 [29.8]
INTERCONNECTING CABLE No. CORES	4 Core	4 Core
TOTAL PIPE LENGTH (m)	50	80
MAX PIPE LENGTH PER INDOOR UNIT (m)	25	25
MAX HEIGHT DIFFERENCE (m)	15 (10 if OU higher than IU)	15
CHARGE REFRIGERANT (kg)/ CO_2 EQUIVALENT (t) – R32 (GWP 675)	2.4 /1.62 (50m)	2.4 / 1.62 (80m)
FUSE RATING (BS88) – HRC (A)	25	32

Condenser Unit External Dimensions





Model			PURY-P250YNW-A (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity *1 (Nominal)		kW	28.0
		kcal/h	25,000
		BTU/h	95,500
	Power input	kW	5.97
	Current input	A	10.0-9.5-9.2
	EER	kW/kW	4.69
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)
Heating capacity (Max) *2		kW	31.5
		kcal/h	27,100
		BTU/h	107,500
	Power input	kW	6.06
	Current input	A	10.2-9.7-9.3
	COP	kW/kW	5.19
(Nominal) *3		kW	28.0
		kcal/h	25,000
		BTU/h	95,500
	Power input	kW	5.27
	Current input	A	8.8-8.4-8.1
	COP	kW/kW	5.31
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~150%
	Model/Quantity		P15~P250/1~25
Sound pressure level (measured in anechoic room) *4		dB <A>	60.5/61.0
Sound power level (measured in anechoic room) *4		dB <A>	78.5/80.0
Refrigerant piping diameter	High pressure	mm (in.)	19.05 (3/4) Brazed
	Low pressure	mm (in.)	22.2 (7/8) Brazed
FAN	Type x Quantity		Propeller fan x 1
	Air flow rate	m^3/min	185
		L/s	3,083
		cfm	6,532
	Control, Driving mechanism		Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1
*5	External static press.		0 Pa (0 mmH_2O)
Compressor	Type		Inverter scroll hermetic compressor
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter
	Motor output	kW	7.0
	Case heater	kW	-
	Lubricant		MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection
	Compressor		-
	Fan motor		-
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)
	Control		Indoor LEV and BC controller
Net weight		kg (lbs)	229 (505)
Heat exchanger			Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		WKS94T748
	Wiring		WKE94G339
Standard attachment	Document		Installation Manual
	Accessory		-
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-P104,106,108,1012,1016V-J Main BC controller: CMB-P108,1012,1016V-JA,CMB-P1016V-KA Sub BC controller: CMB-P104, 108V-KB
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.

Notes:

1.Nominal cooling conditions (subject to JIS B8615-2)
Indoor: 27°CD.B./19°CW.B. (81°FD.B./66°FW.B.), Outdoor: 35°CD.B./24°CW.B. (95°FD.B./75°FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
2.Nominal heating conditions (subject to JIS B8615-2)
Indoor: 20°CD.B. (68°FD.B.), Outdoor: 7°CD.B./6°CW.B. (45°FD.B./43°FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
3.Nominal heating conditions (subject to JIS B8615-2)
Indoor: 20°CD.B. (68°FD.B.), Outdoor: 7°CD.B./6°CW.B. (45°FD.B./43°FW.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
Eurovent registered
4.Cooling mode/Heating mode
5.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH_2O, 6.1 mmH_2O, 8.2 mmH_2O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter	
BTU/h	=kW x 3.412
cfm	=m^3/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

PURY-P-Y(S)NW-A

Bullet GG Antennas

PHYISCAL CHARCTERISTICS – 3.3V & 5V DC ANTENNAS

Dimensions.....3.05"D x 2.61" H (77.5mm x 66.2mm)
Weight.....6.0oz (170grams)
Enclosure.....Off-white plastic
Connector.....F-type & TNC (5V) – TNC (3.3V only)
Mounting.....1" – 14" thread or ¾" pipe thread

GENERAL NOTES -
1. No dimension is to be scaled from this drawing. All Contractors must familiarise themselves with site conditions, including checking site dimensions, and must report in writing of any discrepancies with the information depicted in this drawing or the specifications. The Contractor shall obtain further instructions from CBRE prior to proceeding with the affected elements.
2. This drawing is to be read in conjunction with other related drawings, Specifications, Schedules and Bill of Quantities (the Contract Information) produced and issued by CBRE and other involved parties for this project. The Contractor shall advise in writing of any inconsistences or contradictions of any of the information contained therein and shall obtain further instructions from CBRE prior to proceeding.
3. Contractors to advise on suitability of all details and to ensure structural integrity, stability and strength of all construction for the intended performance.
4. Contractors to ensure that all specified and implied materials, fixtures and fittings are fabricated and installed in accordance with their manufacturers' recommendations. Contractor is responsible for obtaining all relevant manufacturers' data and related information. Where manufacturers' recommendations contradict or are inconsistent with any of the information contained within the Contract Information, the Contractor shall obtain further instructions from CBRE prior to proceeding.
5. Contractors to ensure that all materials and construction complies with Building Regulations, Environmental Health, Planning, CDM and any other relevant statutory requirements.
6. Contractors to ensure all specified materials, fixtures and fittings are procured to meet all aspects of the project programme and must advise CBRE if any items will not be available in sufficient time and to request further instructions.

REV	DATE	DETAILS	DRAWN	CHECKED
/	30/10/23	Issued for Planning	NT	IC

0 2 4 6 8 10m
SCALE 1 : 200

PROJECT
ZUK131 Uxbridge
Charter Pl, Uxbridge
UB8 1JG

TITLE
Proposed Condenser Details

CLIENT NAME
CBRE

STATUS
PLANNING

DATE
Oct 2023

SCALE
1 : 1 @ A1

DRAWN
IC

CHECKED
NT

DRAWING NUMBER

REF	ORG	VOL	LEVEL	TYPE	DIS	NO.
ZUK	BOX	XX	XX	DR	A	(20)010

REVISION
/

JOB NUMBER
831.113

CBRE GWS
Principle PJM
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