



TECHNICAL SUBMITTAL

Project:	MCFC Women's First Team	T.S No:	TS-M-008
A&B Contract No:	4070	Date:	29/05/2025
Engineer:	Stephen Hoy	Rev: P02	

F.T.A.O.	Name: Paul Buck Organisation: John Turner Construction Group
Copies To:	Name: Andrea Elliott / Sophie Kendall Organisation: CASE Building Services / A&B Engineering Ltd

Plant Item:	VRF System.
Specified Manufacturer:	Mitsubishi Electric.
Model Type:	Please refer to the Mitsubishi Asset List.
Attachments:	<ul style="list-style-type: none"> • Mitsubishi Asset List. • Condensing Unit – Electrical Schedule.

Approval Required By:	A.S.A.P
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<u>Response:</u>	
Date:	Signed:

Project No.ACQ0897
A&B Engineering
MCFC - Womans Training Facility

01/05/2025



Jake Smith AC and Vent Solutions Ltd

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Quotation

Qty	Model	Description	Price	Total
1	AE-C400E	Central controller		
16	PAR-41MAA	MA remote controller		
2	PAC-SJ95MA-E	M-NET Adapter		
1	PAC-SK15MA-E	M-NET Adapter		
1	PURY-P500YNW-A2	R410A R2 Series Outdoor Unit		
2	PURY-P300YNW-A2	R410A R2 Series Outdoor Unit		
2	PUZ-ZM100VDA	R32 PU Series Outdoor Unit		
1	PUZ-ZM50VKA2	R32 PU Series Outdoor Unit		
2	CMB-M108V-JA1	BC controller main		
2	CMY-R302S-G1	Reducer		
1	CMB-M106V-J1	BC controller single		
1	CMY-R301S-G	Reducer		
4	PEFY-M100VMA-A1	Ceiling Concealed type Indoor Unit		
1	PCFY-P100VKM-E	Ceiling Suspended type Indoor Unit		
1	PLFY-P15VFM-E1	Ceiling Cassette (4way air flow) type Indoor Unit		
1	SLP-2FA	Decoration panel		
1	PLFY-P20VFM-E1	Ceiling Cassette (4way air flow) type Indoor Unit		
1	SLP-2FA	Decoration panel		
2	PEFY-M32VMA-A1	Ceiling Concealed type Indoor Unit		
2	PEFY-P15VMS1-E	Ceiling Concealed type Indoor Unit		
1	PEFY-M20VMA-A1	Ceiling Concealed type Indoor Unit		
3	PEFY-M63VMA-A1	Ceiling Concealed type Indoor Unit		
4	PLFY-M63VEM6-E	Ceiling Cassette (4way air flow) type Indoor Unit		
4	PLP-6EA	Decoration panel		
2	PLFY-M50VEM6-E	Ceiling Cassette (4way air flow) type Indoor Unit		
2	PLP-6EA	Decoration panel		
2	PLA-ZM50EA2(Wired)	Ceiling Cassette (4way air flow) type Indoor Unit		
2	PLP-6EAJ	Decoration panel		
1	PEAD-M100JAL2(Wireless)	Ceiling Concealed type Indoor Unit		
1	PKA-M50LA2(Wired)	Wall Mounted type Indoor Unit		

Quotation

Qty	Model	Description	Price	Total
1	MSDD-50TR-E	Distribution pipe (Twin)		
			Grand Total	0

Control System Configuration

Category1		Category2		Category3		Category4		category5		Category6		
Model name		Model name		Model name		Model name		Model name		Indoor unit Ref.	Model name	M-NET
AE-C400E		-		-		-		-				
M-NET	000	M-NET	-	M-NET	-	M-NET	-	M-NET	-			
IP add.	-	IP add.	-	-	-	-	-	-	-			
v											PAR-41MAA	
v											PAR-41MAA	
v												
v												
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v											PAR-41MAA	
v												
v												
v											PAR-41MAA	
v												
v												
v												
v												
v											PAR-41MAA	
v												

Centralized Ctrl Sys1

>System Configuration

> Outdoor unit / Indoor unit / Controller

Refrigerant system	Outdoor unit			Room	Indoor unit			Controller		Group name	
	Ref.	Model name			Ref.	Model name	Add.	Model name	Add.		
		Add.									
System 1	OU 01/01	PURY-P500YNW-A2		AC 01/01		PEFY-M100VMA-A1	001	PAR-41MAA		1	
		51			AC 01/02		PEFY-M100VMA-A1	002	PAR-41MAA		2
		CMB-M108V-JA1		AC 01/03		PEFY-M100VMA-A1	003			2	
		52			AC 01/04		PEFY-M100VMA-A1	004			
					AC 01/05		PCFY-P100VKM-E	005	PAR-41MAA		3
					AC 08/01		PLFY-P15VFM-E1	006	PAR-41MAA		4
					AC 09/01		PLFY-P20VFM-E1	007	PAR-41MAA		5
System 2	OU 02/01	PURY-P300YNW-A2		AC 02/02		PEFY-M32VMA-A1	008	PAR-41MAA		6	
		58			AC 02/01		PEFY-M32VMA-A1	009	PAR-41MAA		7
		CMB-M108V-JA1		AC 02/03		PEFY-P15VMS1-E	010	PAR-41MAA		8	
		59			AC 02/03a		PEFY-P15VMS1-E	011	PAR-41MAA		9
					AC 02/04		PEFY-M20VMA-A1	012	PAR-41MAA		10
					AC 02/06		PEFY-M63VMA-A1	013	PAR-41MAA		11
					AC 02/05		PEFY-M63VMA-A1	014			
					AC 02/07		PEFY-M63VMA-A1	015			
System 5	OU 05/01	PURY-P300YNW-A2		AC 05/01		PLFY-M63VEM6-E	016	PAR-41MAA		12	
		66			AC 05/02		PLFY-M63VEM6-E	017			
		CMB-M106V-J1		AC 05/03		PLFY-M63VEM6-E	018				12
		67			AC 05/04		PLFY-M63VEM6-E	019			
					AC05/05		PLFY-M50VEM6-E	020	PAR-41MAA		13
					AC 05/06		PLFY-M50VEM6-E	021			

Centralized Ctrl Sys1

>System Configuration

> Outdoor unit / Indoor unit / Controller

Refrigeran t system	Outdoor unit			Room	Indoor unit			Controller		Group name
	Ref.	Model name			Ref.	Model name	Add.	Model name	Add.	
		Add.								
System 3	OU 03/01	PUZ-ZM100VDA		AC 03/01		PLA-ZM50EA2(Wired)		PAR-41MAA		14
		22		AC 03/01		PLA-ZM50EA2(Wired)				
System 4	OU 04/01	PUZ-ZM100VDA		AC 01/04		PEAD-M100JAL2(Wireless)		PAR-41MAA		15
		23								
System 6	OU 07/01	PUZ-ZM50VKA2		AC 07/01		PKA-M50LA2(Wired)		PAR-41MAA		16
		24								

Centralized Ctrl Sys1

> Product information

>Controller

Model name	Product image*1	Qty	Description
AE-C400E		1	Central controller
PAR-41MAA		16	MA remote controller
PAC-SJ95MA-E		2	M-NET Adapter
PAC-SK15MA-E		1	M-NET Adapter

>PI/AI/DIDO controller

Model name	Product image*1	Qty	Description

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty	Capacity(kW)		Power input (kW)		COP (kW/kW)*2			
System 1	PURY-P500YNW-A2		1		Rated	Corrected	Rated	Corrected	Rated	Corrected	
				Cooling	56.0	56.5	22.22	14.77	2.52	3.61	
				Heating	63.0	48.8	21.14	23.41	2.98	2.08	
				Conditions					Dimension(mm)		Net weight
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D		(kg)
				Cooling	32.0	-	-	-	1,858 (1,798 without legs) x 1,750 x 740		335
				Heating	-5.0	-5.0	100	-			

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

Centralized Ctrl Sys1

> Product information

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
System 1	CMB-M108V-JA1		1		Rated	H X W X D	(kg)
				Cooling	0.127(220V)/0.144(230V)/0.161(240V)	252 x 911 x 622	48
				Heating	0.060(220V)/0.066(230V)/0.076(240V)		

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 1	PEFY-M100VMA-A1		4		Rated	Corrected	Rated	Corrected	Rated	23.0-28.0-32.0-37.0	*3	
				Cooling	11.2	10.0	9.2	8.7	0.21			
				Heating	12.5	9.1			0.21			
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	250 x 1,400 x 732		37		
				Heating	22.0	-	-					

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 1	PCFY-P100VKM-E		1		Rated	Corrected	Rated	Corrected	Rated			
				Cooling	11.2	10.0	7.5	7.3	0.09	0.65	21-28	*3
				Heating	12.5	9.1			0.09	0.65		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	230 x 1,600 x 680	36			
				Heating	22.0	-	-					

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 1	PLFY-P15VFM-E1		1		Rated	Corrected	Rated	Corrected	Rated			
				Cooling	1.7	1.5	1.5	1.4	0.02	0.19	6.5-7.5-8.0	*3
				Heating	1.9	1.4			0.02	0.14		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	208 x 570 x 570	14			
				Heating	22.0	-	-					

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

3. Indoor unit

Sys.	Model name	Product image*1	Qty	Capacity(kW)			Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 1	PLFY-P20VFM-E1		1		Rated	Corrected	Rated	Corrected	Rated		(m3/min)	
				Cooling	2.2	2.0	1.7	1.7	0.02	0.21	6.5-7.5-8.5	*3
				Heating	2.5	1.8			0.02	0.16		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D	(kg)			
				Cooling	22.0	15.0	47	208 x 570 x 570	14			
				Heating	22.0	-	-					

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
-	-		-	-

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Power input (kW)		COP (kW/kW)*2		
System 2	PURY-P300YNW-A2		1		Rated	Corrected	Rated	Corrected	Rated	Corrected	
				Cooling	33.5	34.4	11.75	6.81	2.85	4.48	
				Heating	33.5	26.2	9.62	11.51	3.48	2.27	
					Conditions				Dimension(mm)		Net weight
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D		(kg)
				Cooling	32.0	-	-	-	1,858 (1,798 without legs) x 920 x 740		225
				Heating	-5.0	-5.0	100	-			

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

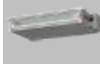
> Product information

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
System 2	CMB-M108V-JA1		1		Rated	H X W X D	(kg)
				Cooling	0.127(220V)/0.144(230V)/0.161(240V)	252 x 911 x 622	48
				Heating	0.060(220V)/0.066(230V)/0.076(240V)		

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure	
System 2	PEFY-M32VMA-A1		2		Rated	Corrected	Rated	Corrected	Rated				
				Cooling	3.6	3.2	2.8	2.6	0.06	0.52(20V)/0.48(20V)/0.44(20V)	7.4-9.0-10.5-12.5	*3	
				Heating	4.0	2.7			0.06	0.52(20V)/0.48(20V)/0.44(20V)			
					Conditions			Dimension(mm)		Net weight			
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)			
				Cooling	22.0	15.0	47	250 x 700 x 732	21				
				Heating	22.0	-	-						

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate (m3/min)	External static pressure	
System 2	PEFY-P15VMS1-E		2		Rated	Corrected	Rated	Corrected	Rated	0.42(VMS1)/0.31(VMS1 L)	5-7	*3	
				Cooling	1.7	1.5	1.4	1.5	0.05				
				Heating	1.9	1.3			0.03	0.31(VMS1)/0.31(VMS1 L)			
					Conditions				Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)			
				Cooling	22.0	15.0	47	200 x 790 x 700	19(VMS1)/18(VMS1 L)				
				Heating	22.0	-	-						

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate (m3/min)	External static pressure	
System 2	PEFY-M20VMA-A1		1		Rated	Corrected	Rated	Corrected	Rated	0.36(20V)/0.32(20V)/0.28(20V)	6.0-7.5-8.5-10	*3	
				Cooling	2.2	2.0	2.1	2.0	0.04				
				Heating	2.5	1.7			0.04	0.36(20V)/0.32(20V)/0.28(20V)			
					Conditions				Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)			
				Cooling	22.0	15.0	47	250 x 700 x 732	21				
				Heating	22.0	-	-						

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate (m3/min)	External static pressure
System 2	PEFY-M63VMA-A1		3		Rated	Corrected	Rated	Corrected	Rated			
				Cooling	7.1	6.4	5.9	5.6	0.14			
				Heating	8.0	5.5			0.23			
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	250 x 1,100 x 732		30		
				Heating	22.0	-	-					

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
-	-		-	-

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Power input (kW)		COP (kW/kW)*2		
System 5	PURY-P300YNW-A2		1		Rated	Corrected	Rated	Corrected	Rated	Corrected	
				Cooling	33.5	36.1	11.75	8.10	2.85	4.37	
				Heating	33.5	26.4	9.62	11.07	3.48	2.38	
					Conditions				Dimension(mm)		Net weight
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D		(kg)
				Cooling	32.0	-	-	-	1,858 (1,798 without legs) x 920 x 740		225
				Heating	-5.0	-5.0	100	-			

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
System 5	CMB-M106V-J1		1		Rated	H X W X D	(kg)
				Cooling	0.097(220V)/0.110(230V)/0.122(240V)	250 x 596 x 476	29
				Heating	0.043(220V)/0.051(230V)/0.057(240V)		

3. Indoor unit

Sys.	Model name	Product image*1	Qty	Capacity(kW)			Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 5	PLFY-M63VEM6-E		4		Rated	Corrected	Rated	Corrected	Rated		(m3/min)	
				Cooling	7.1	6.4	6.1	6.1	0.09	0.74	C:16-18-20-32 H:16-18-20-35	*3
				Heating	8.0	4.7			0.12	0.90		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	298 x 840 x 840		24		
				Heating	22.0	-	-					

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 5	PLFY-M50VEM6-E		2		Rated	Corrected	Rated	Corrected	Rated		(m3/min)	
				Cooling	5.6	5.0	4.8	4.8	0.06	0.52	C:16-17-18-25 H:16-17-18-28	*3
				Heating	6.3	3.7			0.07	0.60		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	15.0	47	298 x 840 x 840	24			
				Heating	22.0	-	-					

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
-	-		-	-

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Power input (kW)		COP (kW/kW)*2		
System 3	PUZ-ZM100VDA		1		Rated	Corrected	Rated	Corrected	Rated	Corrected	
				Cooling	9.5	-	-	-	-	-	
				Heating	11.2	-	-	-	-	-	
				Conditions					Dimension(mm)		Net weight
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D		(kg)
				Cooling	32.0	-	-	-	-		-
				Heating	-5.0	-5.0	100	-			

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
					Rated	H X W X D	(kg)
				Cooling			
				Heating			

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate	External static pressure
System 3	PLA-ZM50EA2(Wired)		2		Rated	Corrected	Rated	Corrected	Rated		(m3/min)	
				Cooling	-	4.4	-	-		-	*3	
				Heating	-	3.8						
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	16.0	54	-		-		
				Heating	20.0	-	-					

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
System 3	MSDD-50TR-E		1	-

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Power input (kW)		COP (kW/kW)*2		
System 4	PUZ-ZM100VDA		1		Rated	Corrected	Rated	Corrected	Rated	Corrected	
				Cooling							
				Heating							
				Conditions					Dimension(mm)		Net weight
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D		(kg)
				Cooling	32.0	-	-	-	-		-
				Heating	-5.0	-5.0	100	-			

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
					Rated	H X W X D	(kg)
				Cooling			
				Heating			

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

Centralized Ctrl Sys1

> Product information

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate (m3/min)	External static pressure
System 4	PEAD-M100JAL2(Wireless)		1		Rated	Corrected	Rated	Corrected	Rated			
				Cooling	9.5	8.7	-	7.0			-	*3
				Heating	11.2	7.6						
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	16.0	54			-		
				Heating	20.0	-	-			-		

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
-	-		-	-

>Air conditioning unit specifications

1. Outdoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Power input (kW)		COP (kW/kW)*2	
System 6	PUZ-ZM50VKA2		1		Rated	Corrected	Rated	Corrected	Rated	Corrected
				Cooling						
				Heating						
					Conditions				Dimension(mm)	
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	Water inlet(deg C)	H X W X D	
				Cooling	35.0	-	-	-		
				Heating	-5.0	-5.0	100	-		

*1 The product image refers to a representative model. The actual product may differ from the image shown.

*2 Ability using in the COP calculation is corrected by capacity of connected indoor unit.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1

> Product information

2. BC controller / Hydro unit

Sys.	Model name	Product image*1	Qty		Power input (kW)	Dimension(mm)	Net weight
					Rated	H X W X D	(kg)
				Cooling			
				Heating			

3. Indoor unit

Sys.	Model name	Product image*1	Qty		Capacity(kW)		Sensible capacity(kW)		Power input (kW)	Current (A)	Air flow rate (m3/min)	External static pressure
					Rated	Corrected	Rated	Corrected	Rated			
				Cooling	4.6	4.1	-	2.6		0.35		
				Heating	5.0	3.4				0.3		
					Conditions			Dimension(mm)		Net weight		
					D.B.(deg C)	W.B.(deg C)	Humidity(%)	H X W X D		(kg)		
				Cooling	22.0	16.0	54					
				Heating	20.0	-	-					

4. Branch/Header/Twinning kit/Valve kit

Sys.	Model name	Product image*1	Qty	Description
-	-		-	-

> Ventilators

Model name	Product image*1	Qty	Description	Fan Speed	Air Volume(m3/h)
-		-	-	-	-

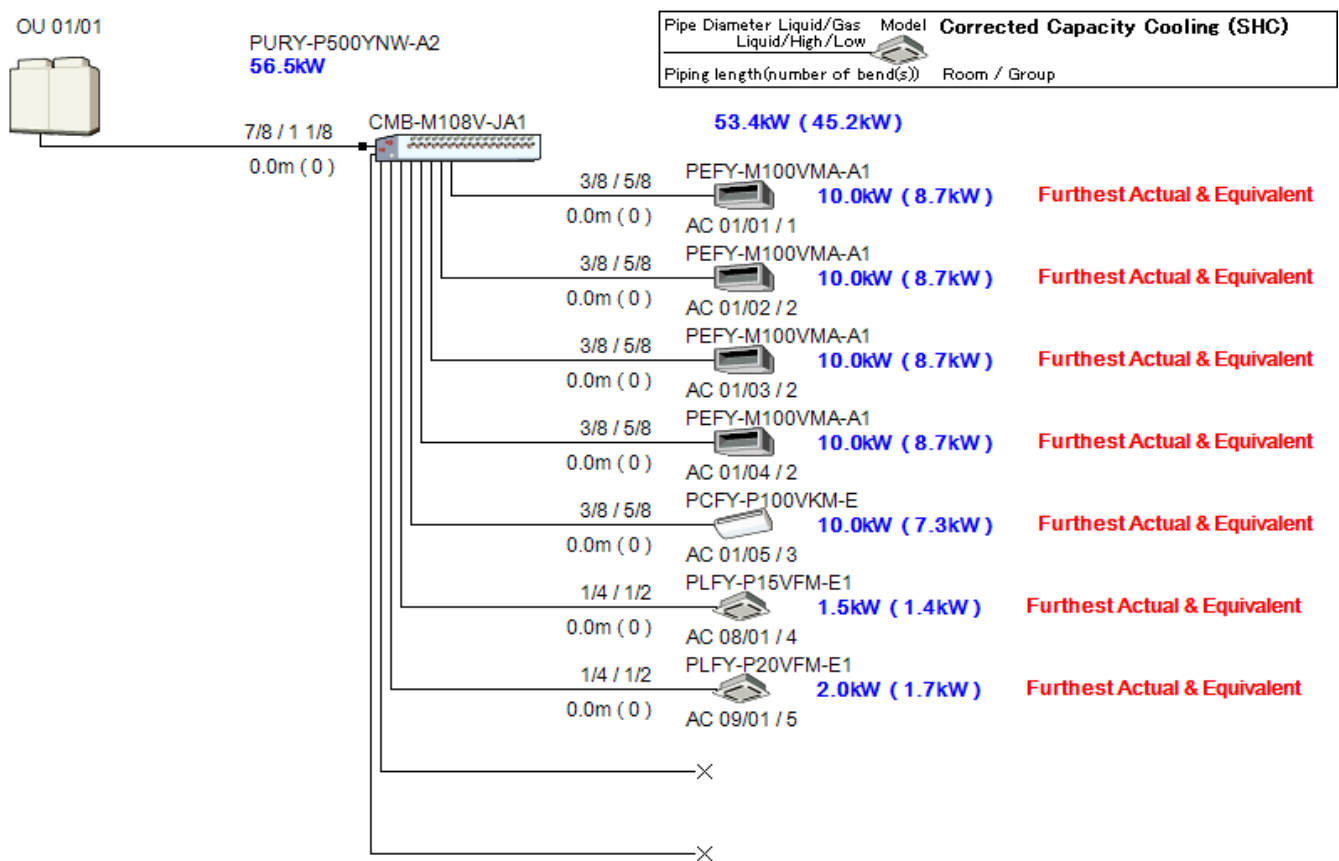
*1 The product image refers to a representative model. The actual product may differ from the image shown.

*3 Please refer to the specification sheet in the "Product Features" section at the end.

Centralized Ctrl Sys1 System 1

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 1

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
BC controller to Indoor unit	3/8	5/8		0	0
BC controller to Indoor unit	1/4	1/2		0	0
Outdoor Unit to BC controller	7/8	1 1/8		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
1/4	0	0
3/8	0	0
1/2	0	0
5/8	0	0
7/8	0	0
1 1/8	0	0

4. Refrigerant charge

Additional refrigerant required	R410A	X	12.0	kg
Total refrigerant amount	R410A	X	22.8	kg

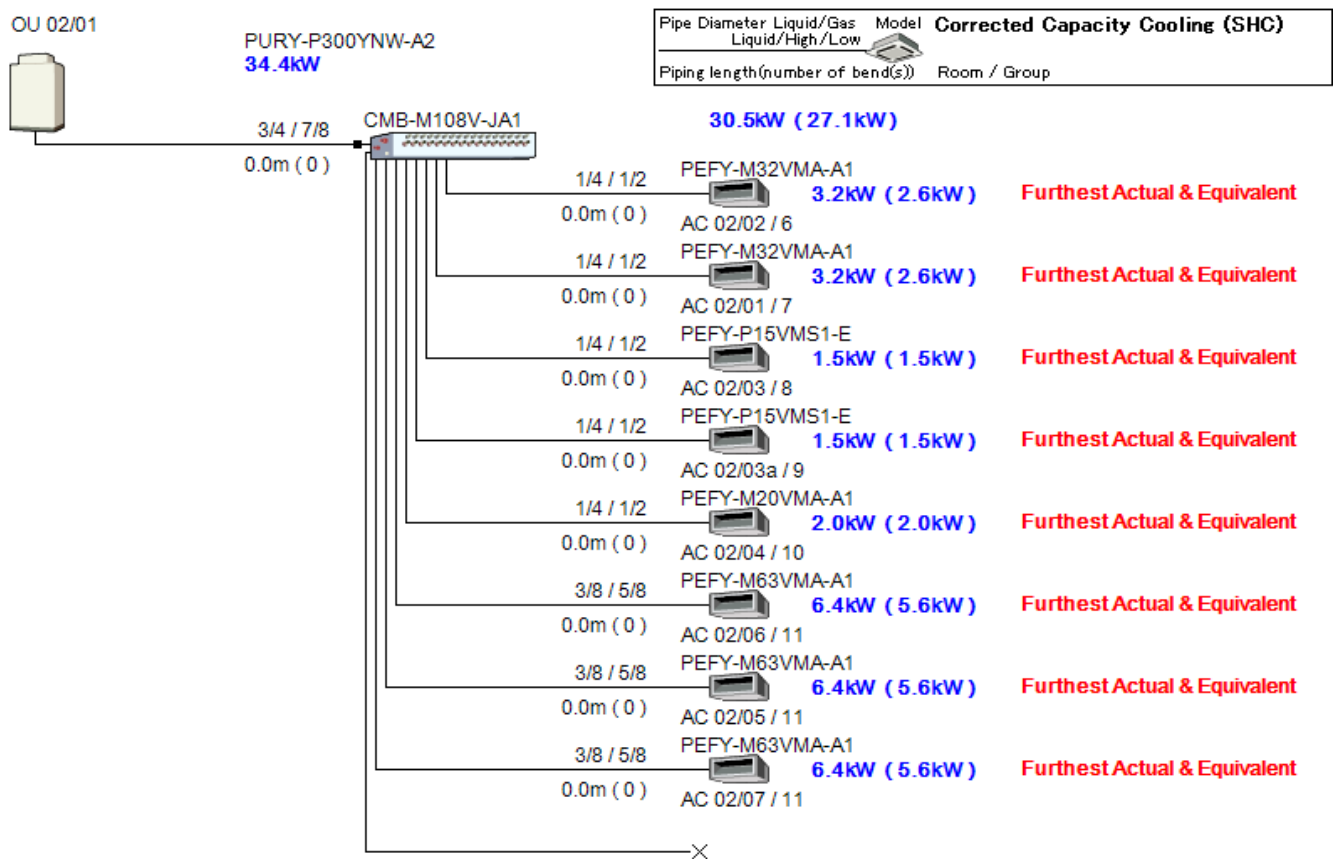
5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1 System 2

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 2

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
BC controller to Indoor unit	1/4	1/2		0	0
BC controller to Indoor unit	3/8	5/8		0	0
Outdoor Unit to BC controller	3/4	7/8		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
1/4	0	0
3/8	0	0
1/2	0	0
5/8	0	0
3/4	0	0
7/8	0	0

4. Refrigerant charge

Additional refrigerant required	R410A	X	10.8	kg
Total refrigerant amount	R410A	X	16.0	kg

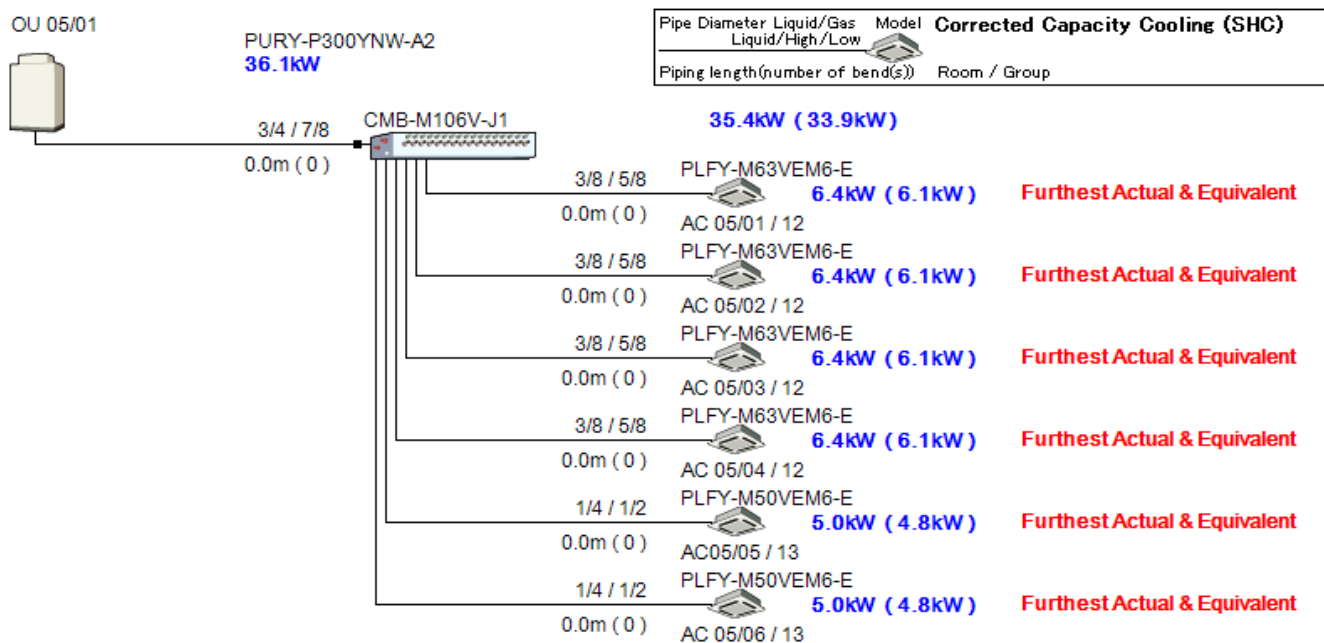
5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1 System 5

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 5

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
BC controller to Indoor unit	3/8	5/8		0	0
BC controller to Indoor unit	1/4	1/2		0	0
Outdoor Unit to BC controller	3/4	7/8		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
1/4	0	0
3/8	0	0
1/2	0	0
5/8	0	0
3/4	0	0
7/8	0	0

4. Refrigerant charge

Additional refrigerant required	R410A	X	9.5	kg
Total refrigerant amount	R410A	X	14.7	kg

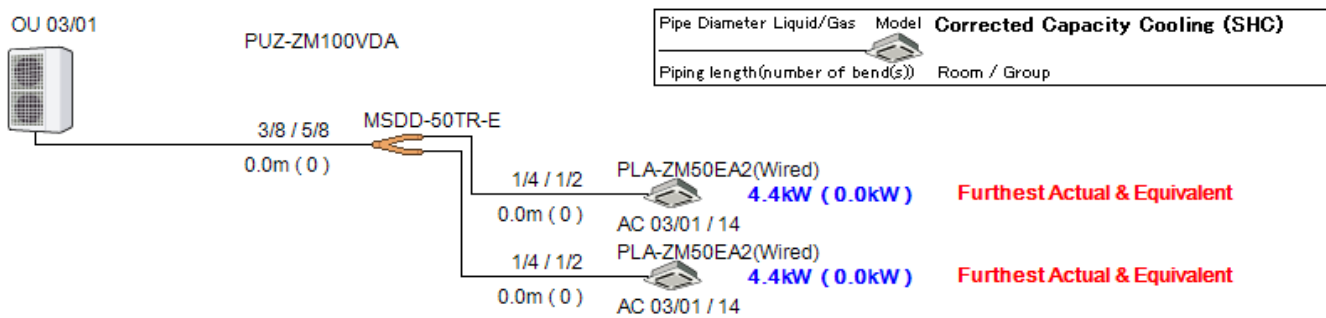
5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1 System 3

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 3

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
Outdoor Unit to Indoor unit	1/4	1/2		0	0
Outdoor Unit to Indoor unit	3/8	5/8		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
1/4	0	0
3/8	0	0
1/2	0	0
5/8	0	0

4. Refrigerant charge

Additional refrigerant required	R32	X	0.0	kg
Total refrigerant amount	R32	X	3.6	kg

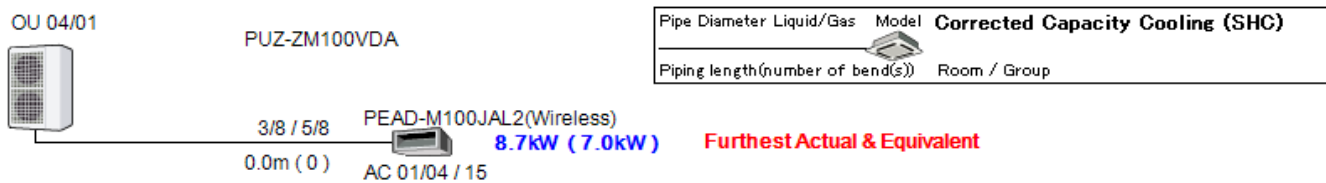
5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1 System 4

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 4

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
Outdoor Unit to Indoor unit	3/8	5/8		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
3/8	0	0
5/8	0	0

4. Refrigerant charge

Additional refrigerant required	R32	X	0.0	kg
Total refrigerant amount	R32	X	3.6	kg

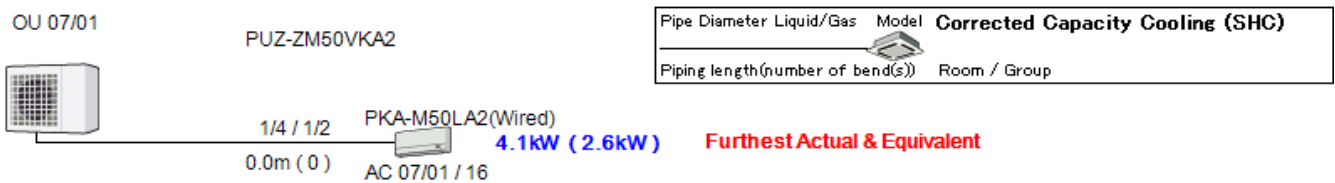
5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1 System 6

> Piping Design

1. Piping diagram



Centralized Ctrl Sys1 System 6

> Piping Design

2. Refrigerant Piping

	Liquid/High (inch)	Gas/Low(inch)	Low/Gas/Bypass/Oil(inch)	Total length(m)	Number of bent
Outdoor Unit to Indoor unit	1/4	1/2		0	0

3. Summary totals (Refrigerant piping)

Pipe Size (inch)	Total length(m)	Number of bent
1/4	0	0
1/2	0	0

4. Refrigerant charge

Additional refrigerant required	R32	X	0.0	kg
Total refrigerant amount	R32	X	2.0	kg

5. Water flow rate (for WY/WR2/HCM(Water Cooled))

Flow rate(L/min)	Pressure drop(kPa)
-	-

Centralized Ctrl Sys1

> Electrical Wiring Information

Svs.	1	x	AE-C400E
	Power supply info.		
	Power source:	-	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	to power supply unit	
	Power supply cable:	-	
	size	-	
	-	-	
	-	-	
	-	-	
Transmission info.			
Connection:			
M-NET(A,B,S)			
Transmission cable:			
Shielding wire (2-core)			
CVVS or CPEVS			
size			
1.25-2mm2 or thicker			
-			

Svs.	16	x	PAR-41MAA
	Power supply info.		
	Power source:	-	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
	-	-	
	-	-	
	-	-	
Transmission info.			
Connection:			
-			
Transmission cable:			
Sheathed 2-core cable (unshielded)			
CVV			
size			
0.3mm2			
-			

Svs.	2	x	PAC-SJ95MA-E
	Power supply info.		
	Power source:	-	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
	-	-	
	-	-	
	-	-	
Transmission info.			
Connection:			
-			
Transmission cable:			
-			
size			
-			

Svs.	1	x	PAC-SK15MA-E
	Power supply info.		
	Power source:	-	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
	-	-	
	-	-	
	-	-	
Transmission info.			
Connection:			
-			
Transmission cable:			
-			
size			
-			

Svs.	1	x	PURY-P500YNW-A2
	Power supply info.		
	Power source:	3-phase 4-wire 380/400/415V 50Hz	
	MCA(A):	43.2	
	Max.Fuse(A):	-	
	Connection:	TB1(L1,L2,L3,N),ground	
	Power supply cable:	Metal conduit wiring	
	size	10.0mm2 or thicker(main)	
	-	10.0mm2 or thicker(ground)	
	-	-	
	-	-	
Transmission info.			
Connection:			
TB3(M1,M2,S)TB7(M1,M2,S) *2			
Transmission cable:			
Shielding wire (2-core)			
CVVS, CPEVS or MVVS			
size			
1.25mm2 or thicker			
-			

Svs.	1	x	CMB-M108V-JA1
	Power supply info.		
	Power source:	1-phase 220/230/240V 50Hz	
	MCA(A):	0.85	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
	-	-	
	-	-	
	-	-	
Transmission info.			
Connection:			
-			
Transmission cable:			
-			
size			
-			

*2 TB7 is used for centralized controller.

Centralized Ctrl Sys1

> Electrical Wiring Information

Svs.	4	x	PEFY-M100VMA-A1
System 1		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	2.81
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3 1.5mm2 or thicker(ground) *3
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core) CVVS, CPEVS or MVVS
		size	1.25mm2 or thicker

Svs.	1	x	PCFY-P100VKM-E
System 1		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.81
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3 1.5mm2 or thicker(ground) *3
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core) CVVS, CPEVS or MVVS
		size	1.25mm2 or thicker

Svs.	1	x	PLFY-P15VFM-E1
System 1		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.24
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core) CVVS, CPEVS or MVVS
		size	1.25mm2[AWG16] or thicker

Svs.	1	x	PLFY-P20VFM-E1
System 1		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.29
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core) CVVS, CPEVS or MVVS
		size	1.25mm2[AWG16] or thicker

Svs.	1	x	PURY-P300YNW-A2
System 2		Power supply info.	
		Power source:	3-phase 4-wire 380/400/415V 50Hz
		MCA(A):	23.4
		Max.Fuse(A):	-
		Connection:	TB1(L1,L2,L3,N),ground
		Power supply cable:	Metal conduit wiring
		size	4.0mm2 or thicker(main) 4.0mm2 or thicker(ground)
		Transmission info.	
		Connection:	TB3(M1,M2,S)TB7(M1,M2,S) *2
		Transmission cable:	Shielding wire (2-core) CVVS, CPEVS or MVVS
		size	1.25mm2 or thicker

Svs.	1	x	CMB-M108V-JA1
System 2		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.85
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
		Transmission info.	
		Connection:	-
		Transmission cable:	-
		size	-

*2 TB7 is used for centralized controller.

*3 The wiring size differs depending on the total operating current of the indoor unit. 1.5mm2 or thicker(16A or less), 2.5mm2 or thicker(25A or less), 4.0mm2 or thicker(32A or less)

*4 TB5 is used for ME remote controller. TB15 is used for MA remote controller.

Centralized Ctrl Sys1

> Electrical Wiring Information

Svs.	2	x	PEFY-M32VMA-A1
System 2		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	1.19
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core)
			CVVS, CPEVS or MVVS
			-
		size	1.25mm2 or thicker
			-

Svs.	2	x	PEFY-P15VMS1-E
System 2		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.63
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core)
			CVVS, CPEVS or MVVS
			-
		size	1.25mm2 or thicker
			-

Svs.	1	x	PEFY-M20VMA-A1
System 2		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.93
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core)
			CVVS, CPEVS or MVVS
			-
		size	1.25mm2 or thicker
			-

Svs.	3	x	PEFY-M63VMA-A1
System 2		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	2.20
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	Metal conduit wire
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)TB15(1,2) *4
		Transmission cable:	Shielding wire (2-core)
			CVVS, CPEVS or MVVS
			-
		size	1.25mm2 or thicker
			-

Svs.	1	x	PURY-P300YNW-A2
System 5		Power supply info.	
		Power source:	3-phase 4-wire 380/400/415V 50Hz
		MCA(A):	23.4
		Max.Fuse(A):	-
		Connection:	TB1(L1,L2,L3,N),ground
		Power supply cable:	Metal conduit wiring
		size	4.0mm2 or thicker(main)
			4.0mm2 or thicker(ground)
			-
		Transmission info.	
		Connection:	TB3(M1,M2,S)TB7(M1,M2,S) *2
		Transmission cable:	Shielding wire (2-core)
			CVVS, CPEVS or MVVS
			-
		size	1.25mm2 or thicker
			-

Svs.	1	x	CMB-M106V-J1
System 5		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.65
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
			-
			-
		Transmission info.	
		Connection:	-
		Transmission cable:	-
			-
			-
		size	-
			-

*2 TB7 is used for centralized controller.

*3 The wiring size differs depending on the total operating current of the indoor unit. 1.5mm2 or thicker(16A or less), 2.5mm2 or thicker(25A or less), 4.0mm2 or thicker(32A or less)

*4 TB5 is used for ME remote controller. TB15 is used for MA remote controller.

Centralized Ctrl Sys1

> Electrical Wiring Information

Svs.	4	x	PLFY-M63VEM6-E
System 5		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	1.13
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	-
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)/TB15(1,2) *4
		Transmission cable:	-
			Shielding wire CVVS or CPEVS
			-
		size	1.25mm2 or thicker
			-

Svs.	2	x	PLFY-M50VEM6-E
System 5		Power supply info.	
		Power source:	1-phase 220/230/240V 50Hz
		MCA(A):	0.75
		Max.Fuse(A):	-
		Connection:	TB2(L,N),ground
		Power supply cable:	-
		size	1.5mm2 or thicker(main) *3
			1.5mm2 or thicker(ground) *3
			-
		Transmission info.	
		Connection:	TB5(M1,M2,S)/TB15(1,2) *4
		Transmission cable:	-
			Shielding wire CVVS or CPEVS
			-
		size	1.25mm2 or thicker
			-

Svs.	1	x	PUZ-ZM100VDA
System 3		Power supply info.	
		Power source:	1-phase 230V 50Hz
		MCA(A):	-
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
			-
			-
		Transmission info.	
		Connection:	- *2
		Transmission cable:	-
			-
			-
		size	-
			-

Svs.	2	x	PLA-ZM50EA2(Wired)
System 3		Power supply info.	
		Power source:	1-phase 230V 50Hz
		MCA(A):	-
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
			-
			-
		Transmission info.	
		Connection:	-
		Transmission cable:	-
			-
			-
		size	-
			-

Svs.	1	x	PUZ-ZM100VDA
System 4		Power supply info.	
		Power source:	1-phase 230V 50Hz
		MCA(A):	-
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
			-
			-
		Transmission info.	
		Connection:	- *2
		Transmission cable:	-
			-
			-
		size	-
			-

Svs.	1	x	PEAD-M100JAL2(Wireless)
System 4		Power supply info.	
		Power source:	1-phase 220-240V 50Hz
		MCA(A):	-
		Max.Fuse(A):	-
		Connection:	-
		Power supply cable:	-
		size	-
			-
			-
		Transmission info.	
		Connection:	-
		Transmission cable:	-
			-
			-
		size	-
			-

*2 TB7 is used for centralized controller.

*3 The wiring size differs depending on the total operating current of the indoor unit. 1.5mm2 or thicker(16A or less), 2.5mm2 or thicker(25A or less), 4.0mm2 or thicker(32A or less)

*4 TB5 is used for ME remote controller. TB15 is used for MA remote controller.

Centralized Ctrl Sys1

> Electrical Wiring Information

Svs.	1	x	PUZ-ZM50VKA2
System 6	Power supply info.		
	Power source:	1-phase 230V 50Hz	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
		-	
		-	
	Transmission info.		
	Connection:	- *2	
	Transmission cable:	-	
		-	
	size	-	
		-	

Svs.	1	x	PKA-M50LA2(Wired)
System 6	Power supply info.		
	Power source:	1-phase 230V 50Hz	
	MCA(A):	-	
	Max.Fuse(A):	-	
	Connection:	-	
	Power supply cable:	-	
	size	-	
		-	
		-	
	Transmission info.		
	Connection:	-	
	Transmission cable:	-	
		-	
	size	-	
		-	

*2 TB7 is used for centralized controller.

Summary List

> Equipment list

1. Controller

Model name	Quantity
AE-C400E	1
PAR-41MAA	16
PAC-SJ95MA-E	2
PAC-SK15MA-E	1

2. PI/AI/DIDO controller

Model name	Quantity
-	-

3. Outdoor unit

Model name	Quantity
PURY-P500YNW-A2	1
PURY-P300YNW-A2	2
PUZ-ZM100VDA	2
PUZ-ZM50VKA2	1

4. BC controller / Hydro unit

Model name	Quantity
CMB-M108V-JA1	2
CMB-M106V-J1	1

5. Indoor unit

Model name	Quantity
PEFY-M100VMA-A1	4
PCFY-P100VKM-E	1
PLFY-P15VFM-E1	1
PLFY-P20VFM-E1	1
PEFY-M32VMA-A1	2
PEFY-P15VMS1-E	2
PEFY-M20VMA-A1	1
PEFY-M63VMA-A1	3
PLFY-M63VEM6-E	4
PLFY-M50VEM6-E	2
PLA-ZM50EA2(Wired)	2
PEAD-M100JAL2(Wireless)	1

Summary List

> Equipment list

5. Indoor unit

Model name	Quantity
PKA-M50LA2(Wired)	1

6. Branch/Header/Twinning kit/Valve kit

Model name	Quantity
MSDD-50TR-E	1

7. Lossnay

Model name	Quantity
-	-

8. HUB (Field supply)

Model name	Quantity
-	-

9. Air volume controller (Field supply)

Model name	Quantity
-	-

10. Twinning pipe (Field supply)

Model name	Quantity
-	-

11. Piping parts (Field supply)

Model name	Quantity
-	-

Summary List

> Field providing list

1. Refrigerant Piping Materials

Pipe Size(inch)	Total length(m)	Number of bent
1/4	0	0
3/8	0	0
1/2	0	0
5/8	0	0
7/8	0	0
1 1/8	0	0
3/4	0	0

2. Refrigerant charge

Additional refrigerant required	R410A	X	32.3	kg
Total refrigerant amount	R410A	X	53.5	kg
Additional refrigerant required	R32	X	0	kg
Total refrigerant amount	R32	X	9.2	kg

3. Electrical cables

Power supply cable size	Cable type	Usage
1.5mm2 or thicker *4	Metal conduit wire *1 *2 *3	Indoor unit power supply cable (main and ground wire)
10.0mm2 or thicker	Metal conduit wiring	Outdoor unit power supply cable (main and ground)
4.0mm2 or thicker	Metal conduit wiring	Outdoor unit power supply cable (main and ground)
Transmission cable size	Cable type	Usage
0.3mm2	Sheathed 2-core cable (unshielded) CVV	MA remote controller transmission cable
1.25-2mm2 or thicker	Shielding wire (2-core) CVVS or CPEVS	Centralized control transmission cable
1.25mm2 or thicker	Shielding wire CVVS or CPEVS	Indoor/outdoor transmission cable
1.25mm2 or thicker	Shielding wire (2-core) CVVS, CPEVS or MVVS	Indoor/outdoor transmission cable
1.25mm2[AWG16] or thicker	Shielding wire (2-core) CVVS, CPEVS or MVVS	Indoor/outdoor transmission cable

*1 The wire size is the minimum value for metal conduit wiring. If the voltage drops, use a wire that is one rank thicker in diameter.
Make sure the power-supply voltage does not drop more than 10%.

*2 Specific wiring requirements should adhere to the wiring regulations of the region.

Summary List

> Field providing list

*3 Power supply cords of parts of appliances for outdoor use shall not be lighter than polychloroprene sheathed flexible cord (design 245 IEC57). For example, use wiring such as YZW.

*4 The wiring size differs depending on the total operating current of the indoor unit.
1.5mm² or thicker(16A or less), 2.5mm² or thicker(25A or less), 4.0mm² or thicker(32A or less)

CVVS,MVVS : PVC insulated PVC jacketed shielded control cable
CPEVS : PE insulated PVC jacketed shielded communication cable
CVV : PVC insulated PVC sheathed control cable

Issue Date		28-May			Equipment and Electrical Schedule																	
Client Name		A&B Engineering																				
Project Reference		ACV241 - MCFC Womans Training Facility																				
Reference	Location	System	Manufacturer	Qty	Type	Model	Airflow (m3/min)			Heating (UK) (kW)	Cooling (UK) (kW)	Fuse (amp)	Phase	Electrical Requirements			Dimensions			Weight (kg)		
							Low	Med	High					kW	S.C. (amp)	R.C.(amp)	Width (mm)	Depth (mm)	Height (mm)			
OU/01	External Compound	1	Mitsubishi	1	External Condensing Unit	PURY-P500YNW-A	N/A	N/A	N/A	54.20	50.10	50	3	17.27	8.00	43.20	1750	740	1858	337		
OU/02	External Compound	2	Mitsubishi	1	External Condensing Unit	PURY-P300YNW-A	N/A	N/A	N/A	34.00	30.00	25	3	11.15	8.00	22.70	920	740	1858	231		
OU/05	External Compound	5	Mitsubishi	1	External Condensing Unit	PURY-P300YNW-A	N/A	N/A	N/A	34.00	30.00	25	3	11.15	8.00	22.70	920	740	1858	231		
OU/03	External Compound	3	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM100VDA	N/A	N/A	N/A	9.60	8.65	32	1	3.28	14.20	20.00	1050	330	981	107		
OU/04	External Compound	4	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM100VDA	N/A	N/A	N/A	9.60	8.65	32	1	3.28	14.20	20.00	1050	330	981	107		
OU/07	External Compound	7	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM50VKA	N/A	N/A	N/A	4.25	4.23	16	1	1.35	5.00	13.30	809	300	630	46		
OU 06/01	Roof	06/01	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU 06/02	Roof	06/02	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/10/01	Roof	10/01	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/10/02	Roof	10/02	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/10/03	Roof	10/03	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/11/01	Roof	11/01	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/11/02	Roof	11/02	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		
OU/11/03	Roof	11/03	Mitsubishi	1	R32 External Condensing Unit	PUZ-ZM250YKA	N/A	N/A	N/A	27.00	22.00	25	3	8.94	5.00	21.00	1050	370	1338	135		

