

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model				PLFY-WL20VEM-E		PLFY-WL25VEM-E		PLFY-WL32VEM-E		
Power source				1-phase 220-240 V 50Hz, 1-phase 220V 60Hz						
Cooling capacity (Nominal)		*1	kW	2.2		2.8		3.6		
		*1	BTU/h	7,500		9,600		12,300		
		Power input		kW	0.03		0.03		0.03	
		Current input		A	0.26		0.29		0.33	
Heating capacity (Nominal)		*2	kW	2.5		3.2		4.0		
		*2	BTU/h	8,500		10,900		13,600		
		Power input		kW	0.03		0.03		0.03	
		Current input		A	0.20		0.23		0.27	
External finish				Galvanized steel sheet						
External dimension H x W x D			mm	258 × 840 × 840						
			in.	10-3/16 × 33-1/16× 33-1/16						
Net weight			kg (lbs)	18(40)		18(40)		20(44)		
Decoration panel	Model			PLP-6EA		PLP-6EA		PLP-6EA		
	External finish			MUNSELL (1.0Y 9.2/0.2)						
	Dimension H x W x D		mm	40 x 950 x 950						
			in.	1-9/16 x 37-13/32 x 37-13/32						
	Net weight			kg (lbs)	5 (11)					
Heat exchanger				Cross fin (Aluminum fin and copper tube)						
Water Volume		L		1.0		1.0		1.8		
FAN	Type x Quantity			Turbo Fan × 1		Turbo Fan × 1		Turbo Fan × 1		
	External static press.		Pa (mmH ₂ O)	0		0		0		
	Motor type			DC motor						
	Motor output		kW	0.050		0.050		0.050		
	Driving mechanism			Direct-driven by motor						
	Airflow rate (Low-Mid2-Mid1-High)		m ³ /min	12-13-14-15		12-13-15-17		14-15-16-17		
			L/s	200-217-233-250		200-217-250-283		233-250-267-283		
			cfm	424-459-494-530		424-459-530-600		494-530-565-600		
Sound pressure level (measured in anechoic room)			dB <A>		(Low-Mid2-Mid1-High)		(Low-Mid2-Mid1-High)		(Low-Mid2-Mid1-High)	
				24-26-27-28		24-26-28-30		26-27-29-30		
Insulation material				PS						
Air filter				PP honeycomb						
Protection device				Fuse						
Refrigerant control device				-						
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A						
Water piping diameter	Connection size	Inlet	mm O.D	22		22		22		
		Outlet	mm O.D	22		22		22		
	Field pipe size	Inlet	mm I.D	20		20		20		
		Outlet	mm I.D	20		20		20		
	Field drain pipe size			mm (in.)		O.D. 32 (1-1/4)				
Drawing	External			RK01N266		RK01N266		RK01N266		
	Wiring			RG79Y864		RG79Y864		RG79Y864		
	Refrigerant cycle			-		-		-		
Standard attachment	Document			Installation Manual, Instruction Book						
	Accessory			Insulation template, Washer, Drain socket, Tie band						
Remark	Optional parts									
	Decoration panel **1			PLP-6EA		PLP-6EA		PLP-6EA		
	Signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	3D i-see Sensor panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	Auto elevation and signal receiver panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	Auto elevation, 3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	With wireless remote controller and signal receiver panel **1			PLP-6EALM2		PLP-6EALM2		PLP-6EALM2		
	With wireless remote controller, signal receiver and 3D i-see Sensor panel **1			PLP-6EALME2		PLP-6EALME2		PLP-6EALME2		
	3D i-see Sensor corner panel			PAC-SE1ME-E		PAC-SE1ME-E		PAC-SE1ME-E		
	Wireless signal receiver			PAR-SE9FA-E		PAR-SE9FA-E		PAR-SE9FA-E		
	Valve kit	*5			PAC-SK35VK-E		PAC-SK35VK-E		PAC-SK35VK-E	
					PAC-SK40LW-E		PAC-SK40LW-E		PAC-SK40LW-E	
					PAC-SK39AP-E		PAC-SK39AP-E		PAC-SK39AP-E	
	Plasma Quad Connect			PAC-SK51FT-E		PAC-SK51FT-E		PAC-SK51FT-E		
				**1.PLFY-WL-VEM-E should be used together with PLP-6EA/EAL/EAE/EAL/EAJ/EAJE/EALM2/EALME2.						
	Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.						

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
 - Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
 - Be sure to install a valve on the water outlet.
 - Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
 - Certain restrictions apply to indoor unit combinations.
Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.
When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.
The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.
- *Please group units that operate on 1 branch.
*Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

BTU/h =kW x 3,412
cfm =m³/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model				PLFY-WL40VEM-E		PLFY-WL50VEM-E		PLFY-WL63VEM-E		
Power source				1-phase 220-240 V 50Hz, 1-phase 220V 60Hz						
Cooling capacity (Nominal)		*1	kW	4.5		5.6		7.1		
		*1	BTU/h	15,400		19,100		24,200		
		Power input		kW	0.03		0.04		0.04	
		Current input		A	0.35		0.40		0.40	
Heating capacity (Nominal)		*2	kW	5.0		6.3		8.0		
		*2	BTU/h	17,100		21,500		27,300		
		Power input		kW	0.03		0.04		0.04	
		Current input		A	0.29		0.34		0.34	
External finish				Galvanized steel sheet						
External dimension H x W x D			mm	258 × 840 × 840				298 × 840 × 840		
			in.	10-3/16 × 33-1/16× 33-1/16				11-3/4 × 33-1/16× 33-1/16		
Net weight			kg (lbs)	20(44)		20(44)		23(51)		
Decoration panel	Model			PLP-6EA		PLP-6EA		PLP-6EA		
	External finish			MUNSELL (1.0Y 9.2/0.2)						
	Dimension H x W x D		mm	40 x 950 x 950						
			in.	1-9/16 x 37-13/32 x 37-13/32						
	Net weight			kg (lbs)	5 (11)					
Heat exchanger				Cross fin (Aluminum fin and copper tube)						
Water Volume			L	1.8		1.8		2.1		
FAN	Type x Quantity			Turbo Fan × 1		Turbo Fan × 1		Turbo Fan × 1		
	External static press.		Pa (mmH ₂ O)	0		0		0		
	Motor type			DC motor						
	Motor output		kW	0.050		0.050		0.120		
	Driving mechanism			Direct-driven by motor						
	Airflow rate (Low-Mid2-Mid1-High)		m ³ /min	14-15-16-17		14-16-18-20		15-17-19-21		
			L/s	233-250-267-283		233-267-300-333		250-283-317-350		
			cfm	494-530-565-600		494-565-636-706		530-600-671-742		
Sound pressure level (measured in anechoic room)			dB <A>	(Low-Mid2-Mid1-High) 26-28-29-31		(Low-Mid2-Mid1-High) 27-29-31-33		(Low-Mid2-Mid1-High) 27-29-31-33		
Insulation material				PS						
Air filter				PP honeycomb						
Protection device				Fuse						
Refrigerant control device				-						
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A						
Water piping diameter	Connection size		Inlet	mm O.D	22		22		22	
			Outlet	mm O.D	22		22		22	
	Field pipe size		Inlet	mm I.D	20		20		30	
			Outlet	mm I.D	20		20		30	
Field drain pipe size			mm (in.)	O.D. 32 (1-1/4)						
Drawing	External			RK01N266		RK01N266		RK01N266		
	Wiring			RG79Y864		RG79Y864		RG79Y864		
	Refrigerant cycle			-		-		-		
Standard attachment	Document			Installation Manual, Instruction Book						
	Accessory			Insulation template, Washer, Drain socket, Tie band						
Remark	Optional parts									
	Decoration panel **1			PLP-6EA		PLP-6EA		PLP-6EA		
	Signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	3D i-see Sensor panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	Auto elevation and signal receiver panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	Auto elevation, 3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	With wireless remote controller and signal receiver panel **1			PLP-6EALM2		PLP-6EALM2		PLP-6EALM2		
	With wireless remote controller, signal receiver and 3D i-see Sensor panel **1			PLP-6EALME2		PLP-6EALME2		PLP-6EALME2		
	3D i-see Sensor corner panel			PAC-SE1ME-E		PAC-SE1ME-E		PAC-SE1ME-E		
	Wireless signal receiver			PAR-SE9FA-E		PAR-SE9FA-E		PAR-SE9FA-E		
	Valve kit		*5	PAC-SK35VK-E		PAC-SK35VK-E		PAC-SK35VK-E		
			6m Lead wire	PAC-SK40LW-E		PAC-SK40LW-E		PAC-SK40LW-E		
			Attachment plate	PAC-SK39AP-E		PAC-SK39AP-E		PAC-SK39AP-E		
	Plasma Quad Connect			PAC-SK51FT-E		PAC-SK51FT-E		PAC-SK51FT-E		
					**1.PLFY-WL-VEM-E should be used together with PLP-6EA/EAL/EAE/EAL/EAL/EALME2.					
	Installation				Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					

Notes:			Unit converter	
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB. (95°FDB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			BTU/h	=kW x 3,412
2.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)			cfm	=m ³ /min x 35.31
3.Be sure to install a valve on the water outlet.			lbs	=kg/0.4536
4.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.				
5.Certain restrictions apply to indoor unit combinations.				
Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.				
When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.				
The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.				
*Please group units that operate on 1 branch.				
*Due to continuing improvement, above specifications may be subject to change without notice.				
			*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model				PLFY-WL80VEM-E		PLFY-WL100VEM-E		PLFY-WL125VEM-E		
Power source				1-phase 220-240 V 50Hz, 1-phase 220V 60Hz						
Cooling capacity (Nominal)		*1	kW	9.0		11.2		14.0		
		*1	BTU/h	30,700		38,200		47,800		
		Power input		kW	0.05		0.08		0.11	
		Current input		A	0.46		0.66		1.05	
Heating capacity (Nominal)		*2	kW	10.0		12.5		16.0		
		*2	BTU/h	34,100		42,700		54,600		
		Power input		kW	0.05		0.08		0.11	
		Current input		A	0.40		0.60		0.99	
External finish				Galvanized steel sheet						
External dimension H x W x D			mm	298 × 840 × 840						
			in.	11-3/4 × 33-1/16× 33-1/16						
Net weight			kg (lbs)	23(51)		23(51)		25(55)		
Decoration panel	Model			PLP-6EA		PLP-6EA		PLP-6EA		
	External finish			MUNSELL (1.0Y 9.2/0.2)						
	Dimension H x W x D		mm	40 x 950 x 950						
			in.	1-9/16 x 37-13/32 x 37-13/32						
	Net weight			kg (lbs)	5 (11)					
Heat exchanger				Cross fin (Aluminum fin and copper tube)						
Water Volume		L		2.1		2.2		3.1		
FAN	Type x Quantity			Turbo Fan × 1		Turbo Fan × 1		Turbo Fan × 1		
	External static press.		Pa (mmH ₂ O)	0		0		0		
	Motor type			DC motor						
	Motor output		kW	0.120		0.120		0.120		
	Driving mechanism			Direct-driven by motor						
	Airflow rate (Low-Mid2-Mid1-High)		m ³ /min	15-18-21-23		19-23-26-30		20-25-30-35		
			L/s	250-300-350-383		317-383-433-500		333-417-500-583		
cfm			530-636-742-812		671-812-918-1059		706-883-1059-1236			
Sound pressure level (measured in anechoic room)			dB <A>	(Low-Mid2-Mid1-High) 27-30-33-35		(Low-Mid2-Mid1-High) 31-35-37-40		(Low-Mid2-Mid1-High) 33-37-40-46		
Insulation material				PS						
Air filter				PP honeycomb						
Protection device				Fuse						
Refrigerant control device				-						
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A						
Water piping diameter	Connection size	Inlet	mm O.D	22		22		22		
		Outlet	mm O.D	22		22		22		
	Field pipe size	Inlet	mm I.D	30		30		30		
		Outlet	mm I.D	30		30		30		
Field drain pipe size			mm (in.)	O.D. 32 (1-1/4)						
Drawing	External			RK01N266		RK01N266		RK01N266		
	Wiring			RG79Y864		RG79Y864		RG79Y864		
	Refrigerant cycle			-		-		-		
Standard attachment	Document			Installation Manual, Instruction Book						
	Accessory			Insulation template, Washer, Drain socket, Tie band						
Remark	Optional parts									
	Decoration panel **1			PLP-6EA		PLP-6EA		PLP-6EA		
	Signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	3D i-see Sensor panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	Auto elevation and signal receiver panel **1			PLP-6EAE		PLP-6EAE		PLP-6EAE		
	Auto elevation, 3D i-see Sensor and signal receiver panel **1			PLP-6EAL		PLP-6EAL		PLP-6EAL		
	With wireless remote controller and signal receiver panel **1			PLP-6EALM2		PLP-6EALM2		PLP-6EALM2		
	With wireless remote controller, signal receiver and 3D i-see Sensor panel **1			PLP-6EALME2		PLP-6EALME2		PLP-6EALME2		
	3D i-see Sensor corner panel			PAC-SE1ME-E		PAC-SE1ME-E		PAC-SE1ME-E		
	Wireless signal receiver			PAR-SE9FA-E		PAR-SE9FA-E		PAR-SE9FA-E		
	Valve kit			*5		PAC-SK35VK-E		PAC-SK35VK-E		
				6m Lead wire		PAC-SK40LW-E		PAC-SK40LW-E		
				Attachment plate		PAC-SK39AP-E		PAC-SK39AP-E		
	Plasma Quad Connect			PAC-SK51FT-E		PAC-SK51FT-E		PAC-SK51FT-E		
				**1.PLFY-WL-VEM-E should be used together with PLP-6EA/EAL/EAE/EAL/EAJ/EAJE/EALM2/EALME2.						
Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.							

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
 - Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
 - Be sure to install a valve on the water outlet.
 - Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
 - Certain restrictions apply to indoor unit combinations.
Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.
When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.
The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.
- *Please group units that operate on 1 branch.
*Due to continuing improvement, above specifications may be subject to change without notice.

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.