

NEW



- INDOOR UNIT -

Model		PLFY-WP32VBM-E	PLFY-WP40VBM-E	PLFY-WP50VBM-E
Power source		1-phase 220-230-240 V 50/60Hz	1-phase 220-230-240 V 50/60Hz	1-phase 220-230-240 V 50/60Hz
Cooling capacity	*1 kW	3.6	4.5	5.6
	*1 kcal/h	3,100	3,900	4,800
	*1 BTU/h	12,300	15,400	19,100
	Power input kW	0.04	0.04	0.05
	Current input A	0.35	0.35	0.45
Heating capacity	*2 kW	4.0	5.0	6.3
	*2 kcal/h	3,400	4,300	5,400
	*2 BTU/h	13,600	17,100	21,500
	Power input kW	0.03	0.03	0.04
	Current input A	0.28	0.28	0.38
External finish		Galvanized steel sheet	Galvanized steel sheet	Galvanized steel sheet
External dimension H x W x D	mm	258 x 840 x 840	258 x 840 x 840	258 x 840 x 840
	in.	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32
Net weight		kg(lbs)	22(49)	22(49)
Heat exchanger		Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
Water Volume		L	1.5	1.5
FAN	Type x Quantity		Turbo Fan x 1	Turbo Fan x 1
	External static press	Pa	0	0
	Motor Type		DC motor	DC motor
	Motor output	kW	0.05	0.05
	Driving mechanism		Direct-driven by motor	Direct-driven by motor
	Air flow rate		(Low-Mid1-Mid2-High)	(Low-Mid1-Mid2-High)
		m ³ /min	13 - 14 - 15 - 16	13 - 14 - 15 - 16
	L/s	217 - 233 - 250 - 267	217 - 233 - 250 - 267	
	cfm	459 - 494 - 530 - 565	459 - 494 - 530 - 565	
Sound pressure level		(Low-Mid1-Mid2-High)	(Low-Mid1-Mid2-High)	(Low-Mid1-Mid2-High)
	dB <A>	27 - 29 - 30 - 31	27 - 29 - 30 - 31	27 - 30 - 32 - 34
Insulation material		PS	PS	PS
Air filter		PP honeycomb	PP honeycomb	PP honeycomb
Protection device		Fuse	Fuse	Fuse
Refrigerant control device		-	-	-
Connectable Outdoor unit/HBC controller		CITY MULTI YLM series/CMB-WP-V-GA1/CMB-WP-V-GB1		
Water piping diameter *3,4	Inlet	in.	Rc 3/4 screw	Rc 3/4 screw
	Outlet	in.	Rc 3/4 screw	Rc 3/4 screw
Field drain pipe size		mm(in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Optional parts	Decoration panel	*5	PLP-6BA	PLP-6BA
	Automatic filter elevation panel	*5	PLP-6BAJ	PLP-6BAJ
	Space panel		PAC-SH48AS-E	PAC-SH48AS-E
	Air outlet shutter plate		PAC-SH51SP-E	PAC-SH51SP-E
	High efficiency filter element	*6	PAC-SH59KF-E	PAC-SH59KF-E
	Multi-function casement		PAC-SH53TM-E	PAC-SH53TM-E
	i-see sensor corner panel		PAC-SA1ME-E	PAC-SA1ME-E
	Flange for fresh air intake		PAC-SH65OF-E	PAC-SH65OF-E
	Wireless signal receiver		PAR-SF9FA-E	PAR-SF9FA-E

Notes :

- 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.)
- 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.)
- 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 any foreign matter.
- PLFY-WP-VBM-E should use together with PLP-6BA(J).
- PAC-SH53TM-E is necessary to use with filter PAC-SH59KF-E.
- Please group units that operate on 1 branch.

Unit converter

kcal / h =kW x 860
 BTU / h =kW x 3,412
 cfm =m³ / min x 35.31
 lbs =kg / 0.4536

*Above specification data is subject to rounding variation.