

PLFY-M-VEM6-E

4-Way Blow Ceiling Cassette

CITY MULTI

The **PLFY-M-VEM6-E** offers 72 different airflow patterns, with the ability to handle a multitude of ceiling applications up to 4.2 metres in height.

The easy to install, slim unit is ideal for maintaining constant temperatures, thanks to adjustable vanes that allow users to precisely direct air where it's needed.



Key Features & Benefits:

- **High sensible cooling capacity combined with improved airflows**, enabling better off-coil temperatures for enhanced occupant comfort levels
- **Optional 3D i-see sensor grille** - (PLP-6EAE) provides customised comfort by automatically monitoring room occupancy, position and body temperatures
- **Optional filter lowering operation** - down to 4m (PLP-6EAJ)
- **Optional black satin grille (PLP-6EA-B)**, ideal for applications with exposed ceilings or stylish aesthetics
- **Optional V Blocking filter (PAC-SK53KF-E)** provides in-room air purification, neutralises viruses, bacteria, allergens, dust and mould
- **Compatible with Plasma Quad Connect** - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust (PAC-SK51FT-E)





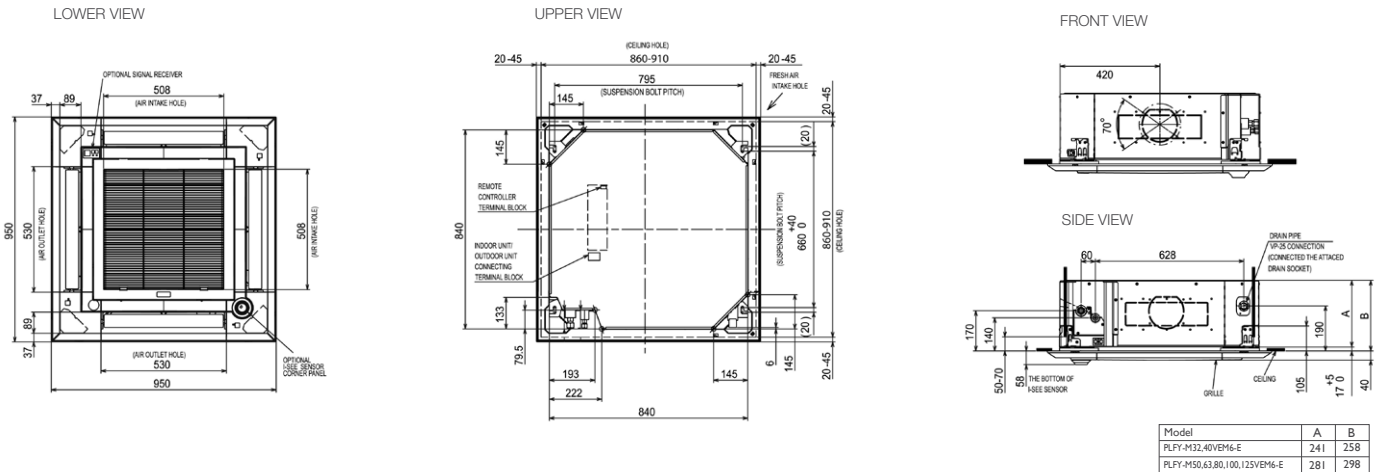
PLP-6EA



PLP-6EA-B

PLFY-M-DEM6-E INDOOR UNITS		PLFY-M32DEM6-E	PLFY-M40DEM6-E	PLFY-M50DEM6-E	PLFY-M63DEM6-E	PLFY-M80DEM6-E	PLFY-M100DEM6-E	PLFY-M125DEM6-E
CAPACITY (kW)	Heating (nominal)	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	Cooling (nominal)	3.6	4.5	5.6	7.1	9.0	11.2	14.0
POWER INPUT (kW)	UK Heating	4.0	5.0	6.3	8.0	10.0	12.5	16.0
	UK Total Cooling - Hi (Sensible)	3.20 (3.00)	4.00 (3.50)	5.00 (4.60)	6.40 (5.8)	8.10 (6.70)	10.00 (7.70)	12.50 (9.10)
	UK Total Cooling - Mi1	3.16	3.88	4.13	5.38	6.97	9.37	12.01
	UK Total Cooling - Mi2	3.10	3.79	4.03	5.10	6.50	8.43	11.37
	UK Total Cooling - Lo	3.02	3.68	3.91	4.78	5.76	7.35	10.54
	Cooling (nominal)	0.03	0.03	0.06	0.09	0.12	0.12	0.12
AIRFLOW (l/s) Cooling	Lo-Mi2-Mi1-Hi	217-233-250-267	217-233-250-283	267-283-300-417	267-300-333-533	267-333-383-583	283-367-467-583	283-400-517-583
AIRFLOW (l/s) Heating	Lo-Mi2-Mi1-Hi	217-233-250-267	217-233-250-283	267-283-300-467	267-300-333-583	267-333-383-583	283-367-467-583	283-400-517-583
SOUND PRESSURE LEVEL (dBA) Cooling	Lo-Mi2-Mi1-Hi	26-27-29-31	26-27-29-31	27-29-31-38	27-30-32-43	28-33-37-46	29-35-41-46	30-37-45-46
SOUND PRESSURE LEVEL (dBA) Heating	Lo-Mi2-Mi1-Hi	26-27-29-31	26-27-29-31	27-29-31-41	27-30-32-46	28-33-37-46	29-35-41-46	30-37-45-46
WEIGHT (kg)	(Grille)	19(5)	19(5)	24(5)	24(5)	27(5)	27(5)	27(5)
DIMENSIONS (mm)	Width (Grille)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth (Grille)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Height (Grille)	258 (40)	258 (40)	298 (40)	298 (40)	298 (40)	298 (40)	298 (40)
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single	Single	Single	Single	Single	Single
RUNNING CURRENT (A)	Heating	0.25	0.25	0.60	0.90	0.94	0.94	0.94
	Cooling	0.32	0.32	0.52	0.74	0.97	0.97	0.97
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6
MAINS CABLE No. Cores		3	3	3	3	3	3	3
GRILLE MODEL REFERENCE	White	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA
	Black Satin	PLP-6EA-B	PLP-6EA-B	PLP-6EA-B	PLP-6EA-B	PLP-6EA-B	PLP-6EA-B	PLP-6EA-B
V BLOCKING FILTER		PAC-SK53KF-E	PAC-SK53KF-E	PAC-SK53KF-E	PAC-SK53KF-E	PAC-SK53KF-E	PAC-SK53KF-E	PAC-SK53KF-E
3D I-SEE SENSOR		PLP-6EAE	PLP-6EAE	PLP-6EAE	PLP-6EAE	PLP-6EAE	PLP-6EAE	PLP-6EAE
SELF-ELEVATING GRILLE		PLP-6EAEJ	PLP-6EAEJ	PLP-6EAEJ	PLP-6EAEJ	PLP-6EAEJ	PLP-6EAEJ	PLP-6EAEJ

PLFY-M32/40/50/63/80/100/125DEM6-E DIMENSIONS



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and please refer to the relevant databook 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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of March 2023

