

# Y2<sub>TYPE</sub> 4-WAY Mini Cassette



## Mini semi concealed cassette



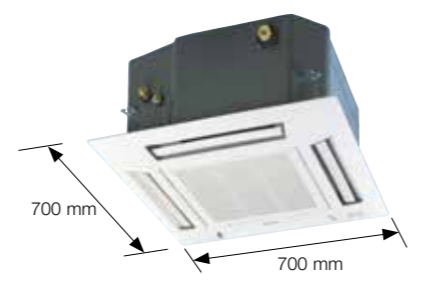
\* Receiver is included in the 4-way mini cassette indoor unit.

### Technical focus

- Mini cassette fits into a 60 x 60cm ceiling grid
- DC fan motor with variable speed and a new heat exchanger ensures efficient power consumption
- Fresh air knock out
- Multi directional air flow

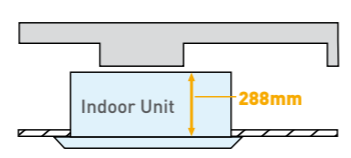
### Compact design

The panel is a compact (70x70cm) so it can be installed even in a small room where space is limited.



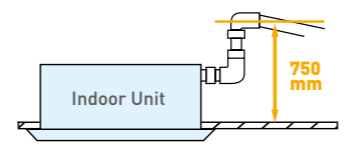
### Lighter and slimmer, easier installation

When only 260mm of indoor body height, it can easily fit in limited spaces and tight spots. (Required 288mm from bottom of panel to top of the unit)



### A drain height of up to 750 mm from the ceiling surface

The internal pump allows the drain pipe to be elevated up to 750mm above the base of the unit.

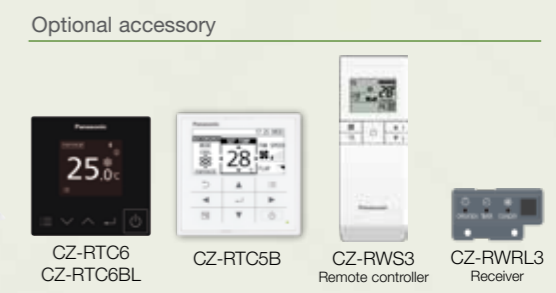
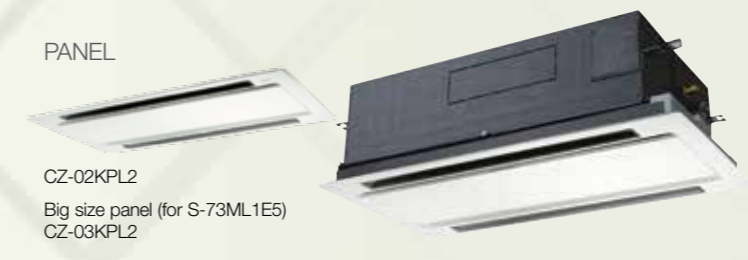


Model Name	S-22MY2E5A	S-28MY2E5A	S-36MY2E5A	S-45MY2E5A	S-56MY2E5A		
Power source	220/230/240 V, 1 phase - 50, 60 Hz						
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	
	BTU/h	7,500	9,600	12,300	15,400	19,100	
Heating capacity	kW	2.5	3.2	4.2	5.0	6.3	
	BTU/h	8,500	10,900	14,300	17,100	21,500	
Power input	Cooling kW	0.035	0.035	0.040	0.040	0.045	
	Heating kW	0.030	0.030	0.035	0.035	0.040	
Running amperes	Cooling A	0.30	0.30	0.30	0.32	0.35	
	Heating A	0.25	0.30	0.30	0.30	0.35	
Fan motor	Type	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	
	Airflow rate (H/M/L)	m <sup>3</sup> /h	546/492/336	558/504/336	582/522/360	600/558/492	624/588/510
	L/s	152/137/93	155/140/93	162/145/100	167/155/137	173/163/142	
	Output kW	0.04	0.04	0.04	0.04	0.04	
Sound power level (H/M/L)	Cooling dB	50/46/40	50/46/40	51/47/41	53/49/43	55/52/49	
	Heating dB	50/46/40	50/46/40	51/47/41	53/49/43	55/52/49	
Sound pressure level (H/M/L)	Cooling dB(A)	35/31/25	35/31/25	36/32/26	38/34/28	40/37/34	
	Heating dB(A)	35/31/25	35/31/25	36/32/26	38/34/28	40/37/34	
Dimensions* H x W x D	mm	288 (+31) x 575 (700) x 575 (700)	288 (+31) x 575 (700) x 575 (700)	288 (+31) x 575 (700) x 575 (700)	288 (+31) x 575 (700) x 575 (700)	288 (+31) x 575 (700) x 575 (700)	
	Liquid mm (inches)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	
Pipe connections	Gas mm (inches)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	
	Drain piping	VP-25	VP-25	VP-25	VP-25	VP-25	
	kg	18 (+2.4)	18 (+2.4)	18 (+2.4)	18 (+2.4)	18 (+2.4)	

\* The values in ( ) for external dimensions and Net weight are the values for the optional ceiling panel. Specifications are subject to change without notice.

Global remarks	Rated conditions:	
	Cooling	Heating
	Indoor air temperature 27°C DB / 19°C WB	20°C DB
Outdoor air temperature 35°C DB / 24°C WB	7°C DB / 6°C WB	

# L1<sub>TYPE</sub> 2-WAY Cassette

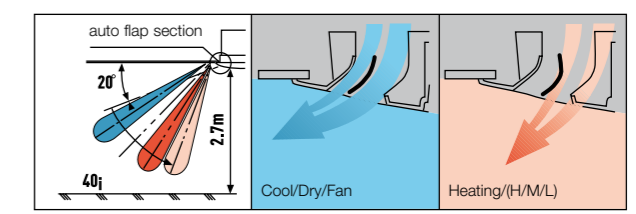


### Technical focus

- Airflow and distribution is automatically altered depending on the operational mode of the unit
- Drain up is possible up to 500mm via the built-in drain pump
- Simple maintenance

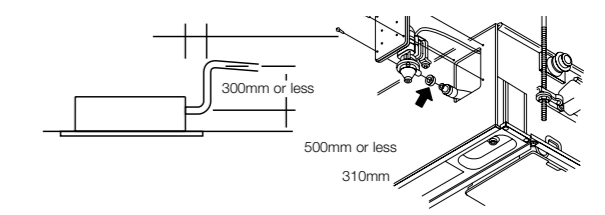
### Auto flap control

Airflow and distribution is automatically altered depending on the operational mode (cooling or heating) of the unit.



### Drain up is possible up to 500mm via the built-in drain pump.

Maintenance of the drain pump is possible from both sides, from the left side (piping side) and from the inside of the unit.



### Simple maintenance

The drain pan is equipped with site wiring and can be removed. The fan case has a split construction, and the fan motor can be removed easily when the lower case is removed.

Model Name	S-22ML1E5	S-28ML1E5	S-36ML1E5	S-45ML1E5	S-56ML1E5	S-73ML1E5		
Power source	220/230/240V, 1 phase - 50 / 60Hz							
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.3	
	BTU/h	7,500	9,600	12,000	15,000	19,000	25,000	
Heating capacity	kW	2.5	3.2	4.2	5.0	6.3	8.0	
	BTU/h	8,500	11,000	14,000	17,000	21,000	27,000	
Power input	Cooling kW	0.086/0.090/0.095	0.086/0.092/0.097	0.088/0.093/0.099	0.091/0.097/0.103	0.091/0.097/0.103	0.135/0.145/0.154	
	Heating kW	0.055/0.058/0.062	0.055/0.060/0.064	0.057/0.061/0.066	0.060/0.065/0.070	0.060/0.065/0.070	0.100/0.109/0.117	
Running current	Cooling A	0.45/0.45/0.45	0.44/0.45/0.45	0.44/0.45/0.45	0.45/0.45/0.45	0.45/0.45/0.45	0.64/0.65/0.66	
	Heating A	0.29/0.29/0.30	0.28/0.29/0.30	0.28/0.29/0.30	0.29/0.29/0.30	0.29/0.29/0.30	0.46/0.48/0.49	
Fan	Type	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	
	Air flow rate (H/M/L)	m <sup>3</sup> /h	480/420/360	540/480/420	580/520/460	660/540/480	660/540/480	1,140/960/840
	L/s	133/117/100	150/133/117	161/144/128	183/150/133	183/150/133	317/267/233	
	Motor output kW	0.03	0.03	0.03	0.03	0.03	0.05	
Sound power level (H/M/L)	dB	40/38/35	44/40/37	45/42/39	46/44/40	46/44/40	49/46/44	
Sound pressure level (H/M/L)	dB(A)	30/27/24	33/29/26	34/31/28	35/33/29	35/33/29	38/35/33	
Dimensions* H x W x D	mm	350+8x840 (1,060) x600 (680)	350+8x840 (1,060) x600 (680)	350+8x840 (1,060) x600 (680)	350+8x840 (1,060) x600 (680)	350+8x840 (1,060) x600 (680)	350+8x1,140 (1,360) x600 (680)	
	Liquid mm (inches)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø6.35 (Ø1/4)	Ø9.52 (Ø3/8)	
Pipe connections	Gas mm (inches)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø15.88 (Ø5/8)	
	Drain piping	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	
Net weight*	kg	23 (+5.5)	23 (+5.5)	23 (+5.5)	23 (+5.5)	23 (+5.5)	30 (+9)	

\* The values in ( ) for external dimensions and Net weight are the values for the optional ceiling panel. Specifications are subject to change without notice.

Global remarks	Rated conditions:	
	Cooling	Heating
	Indoor air temperature 27°C DB / 19°C WB	20°C DB
Outdoor air temperature 35°C DB / 24°C WB	7°C DB / 6°C WB	