

AIR CONDITIONING SYSTEMS

HYBRID
CITY MULTI

CAPACITY TABLES

MODEL

PEFY-WP-VMS1-E

PEFY-WP-VMA-E

PLFY-WP-VFM-E

PLFY-WP-VBM-E

PFFY-WP-VLRMM-E

DATA BOOK

PURY-M-YNW-A

PURY-EM-YNW-A

3-1. Cooling capacity with PURY-(E)M200-250YNW-A

PLFY-WP-VFM-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.5°C D.B. 15°C W.B.		23°C D.B. 16°C W.B.		25°C D.B. 18°C W.B.		27°C D.B. 19°C W.B.		28°C D.B. 20°C W.B.		30°C D.B. 22°C W.B.		32°C D.B. 24°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
10 (1.2)	1.1	1.0	1.1	1.0	1.2	1.0	1.2	1.1	1.2	1.1	1.3	1.0	1.4	1.0
15 (1.7)	1.5	1.3	1.6	1.3	1.7	1.3	1.7	1.4	1.7	1.4	1.8	1.3	1.9	1.3
20 (2.2)	2.0	1.6	2.0	1.7	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.5	1.7
25 (2.8)	2.5	2.0	2.6	2.1	2.7	2.0	2.8	2.2	2.9	2.2	3.0	2.1	3.2	2.1
32 (3.6)	3.2	2.6	3.3	2.7	3.5	2.7	3.6	2.9	3.7	2.8	3.9	2.8	4.1	2.7

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PLFY-WP-VBM-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.5°C D.B. 15°C W.B.		23°C D.B. 16°C W.B.		25°C D.B. 18°C W.B.		27°C D.B. 19°C W.B.		28°C D.B. 20°C W.B.		30°C D.B. 22°C W.B.		32°C D.B. 24°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
32 (3.6)	3.2	3.2	3.3	3.3	3.5	3.3	3.6	3.5	3.7	3.5	3.9	3.5	4.1	3.4
40 (4.5)	4.0	3.6	4.1	3.7	4.4	3.6	4.5	3.9	4.6	3.9	4.9	3.8	5.2	3.8
50 (5.6)	5.0	4.2	5.2	4.4	5.5	4.3	5.6	4.6	5.8	4.6	6.0	4.5	6.4	4.4

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

3-2. Cooling capacity with PURY-(E)M300YNW-A

PLFY-WP-VFM-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.5°C D.B. 15°C W.B.		23°C D.B. 16°C W.B.		25°C D.B. 18°C W.B.		27°C D.B. 19°C W.B.		28°C D.B. 20°C W.B.		30°C D.B. 22°C W.B.		32°C D.B. 24°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
10 (1.2)	1.1	1.0	1.1	1.0	1.2	1.0	1.2	1.1	1.2	1.1	1.3	1.0	1.4	1.0
15 (1.7)	1.5	1.3	1.6	1.3	1.7	1.3	1.7	1.4	1.7	1.4	1.8	1.3	1.9	1.3
20 (2.2)	2.0	1.6	2.0	1.7	2.1	1.7	2.2	1.8	2.3	1.8	2.4	1.7	2.5	1.7
25 (2.8)	2.5	2.0	2.6	2.1	2.7	2.0	2.8	2.2	2.9	2.2	3.0	2.1	3.2	2.1
32 (3.6)	3.2	2.6	3.3	2.7	3.5	2.7	3.6	2.9	3.7	2.8	3.9	2.8	4.1	2.7

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412

PLFY-WP-VBM-E

CA: Capacity (kW), SHC: Sensible Heat Capacity (kW)

Model size (Rated kW)	Indoor air temp.													
	21.5°C D.B. 15°C W.B.		23°C D.B. 16°C W.B.		25°C D.B. 18°C W.B.		27°C D.B. 19°C W.B.		28°C D.B. 20°C W.B.		30°C D.B. 22°C W.B.		32°C D.B. 24°C W.B.	
	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
32 (3.6)	3.2	3.2	3.3	3.3	3.5	3.3	3.6	3.5	3.7	3.5	3.9	3.5	4.1	3.4
40 (4.5)	4.0	3.6	4.1	3.7	4.4	3.6	4.5	3.9	4.6	3.9	4.9	3.8	5.2	3.8
50 (5.6)	5.0	4.2	5.2	4.4	5.5	4.3	5.6	4.6	5.8	4.6	6.0	4.5	6.4	4.4

* The capacity does not depend on the outdoor temperature.

kcal/h = kW x 860, BTU/h = kW x 3,412