

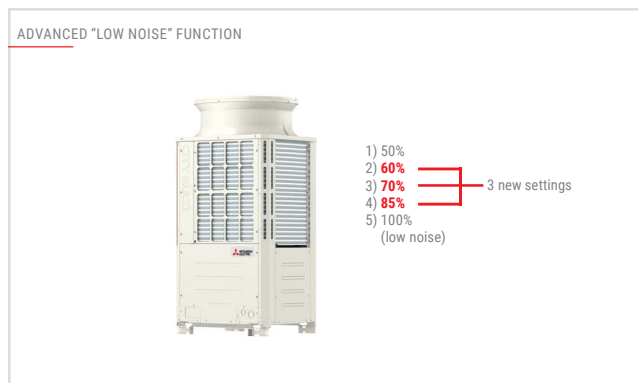


Y NEXT STAGE LINE / PUHY-(E)P Y(S)NW-A1(-BS)

## Advanced “Low Noise” function

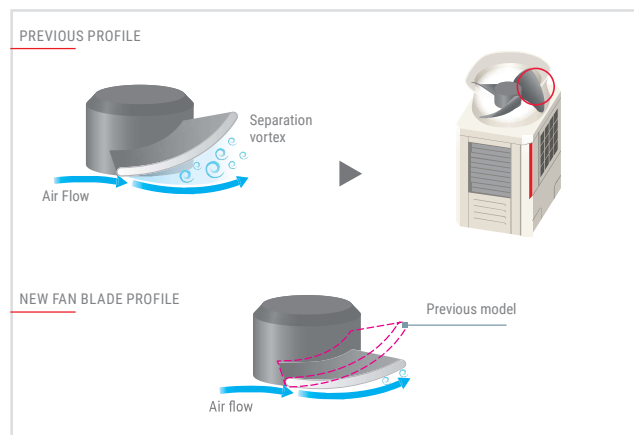
“Low noise” mode can now be selected from five different settings: 85%, 70%, 60% and 50% (values referring to fan speed).

Noise reduction is directly configurable from the control board of the outdoor unit. Different settings can be selected based on the installation requirements (in applications with special noise constraints).



## Fan blade profile

The YNW series fan has been completely redesigned to match the new four-sided battery. The profile of the fins has been optimised to minimise fluid flow losses.



## Key Technologies


## Technical specifications

MODEL			PUHY-P200YNW-A1 (-BS)	PUHY-P250YNW-A1 (-BS)	PUHY-P300YNW-A1 (-BS)	PUHY-P350YNW-A1 (-BS)	PUHY-P400YNW-A1 (-BS)
HP			8	10	12	14	16
Modules			PUHY-P200YNW-A1	PUHY-P250YNW-A1	PUHY-P300YNW-A1	PUHY-P350YNW-A1	PUHY-P400YNW-A1
Power supply	V/Hz/n°		3-phase 380-415V 50Hz				
Cooling	Capacity (nominal) *	kW	22,4	28,0	33,5	40,0	45,0
	Power input (nominal)	kW	4,81	7,14	8,79	10,95	14,19
	EER		4,65	3,92	3,81	3,65	3,17
	SEER		7,5	7,0	6,7	6,7	6,39
	Temperature operating field	Indoor WB °C	+15~+24	+15~+24	+15~+24	+15~+24	+15~+24
Heating	Capacity (nominal) **/ Capacity (max) **	kW	22,4/25,0	28,0/31,5	33,5/37,5	40,0/45,0	45,0/50,0
	Power input (nominal)/ Power input (max)	kW	4,35/5,10	6,02/7,20	7,11/8,46	8,65/10,39	10,46/12,37
	COP/COP max		5,14/4,90	4,65/4,37	4,71/4,43	4,62/4,33	4,30/4,04
	SCOP		4,39	4,21	4,16	4,24	4,13
	Temperature operating field	Indoor WB °C	+15~+27	+15~+27	+15~+27	+15~+27	+15~+27
Sound level **	Sound pressure (Sound power) level	dB(A)	58/59 (75/77)	60/61 (78/80)	61/64,5 (80/84)	62/64 (80/83)	65/67 (82/86)
	Total Capacity		50-130%	50-130%	50-130%	50-130%	50-130%
Connectable indoor units	Model/Quantity	CITY MULTI	P10-P250/1-20	P10-P250/1-25	P10-P250/1-30	P10-P250/1-35	P10-P250/1-40
Ø Ref. piping diameter	Liquid	mm	9,52	9,52	9,52	12,7	12,7
	Gas	mm	22,2	22,2	22,2	28,58	28,58
Fan	Type x quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Air flow	m³/min	170	185	240	270	300
Compressor	Type		Inverter scroll hermetic				
	Motor output	kW	3,5	5,3	6,7	8,6	11,4
External dimensions	H(H*)xWxD	mm	1858(1798)x920x740	1858(1798)x920x740	1858(1798)x920x740	1858(1798)x1240x740	1858(1798)x1240x740
Net weight		kg	213	213	226	277	277
Refrigerant	Ref. Charge R410	kg	6,5	6,5	6,5	9,8	9,8
	CO <sub>2</sub> eq. **	Tons	13,57	13,57	13,57	20,46	20,46

\*1&2&3 Nominal conditions:

Nominal heating conditions: Indoor 20°C DB, Outdoor 7°C DB / 6°C WB, Piping length 7.5 m, vertical difference 0 m.

Nominal cooling conditions: Indoor 27°C DB / 19°C WB, Outdoor 35°C DB, Piping length 7.5 m, vertical difference 0 m

\*\* Capacità nominale ( registrata Eurovent - Conto Termico e Detrazioni)

\*\* Values measured in anechoic chamber (Cooling mode/Heating mode)

\*\* Without legs

\*\* GWP value of HFC R410A 2088 according to 517 / 2014

The SEER and SCOP data are based on the EN14825 measurement standard