Y NEXT STAGE LINE

NEW

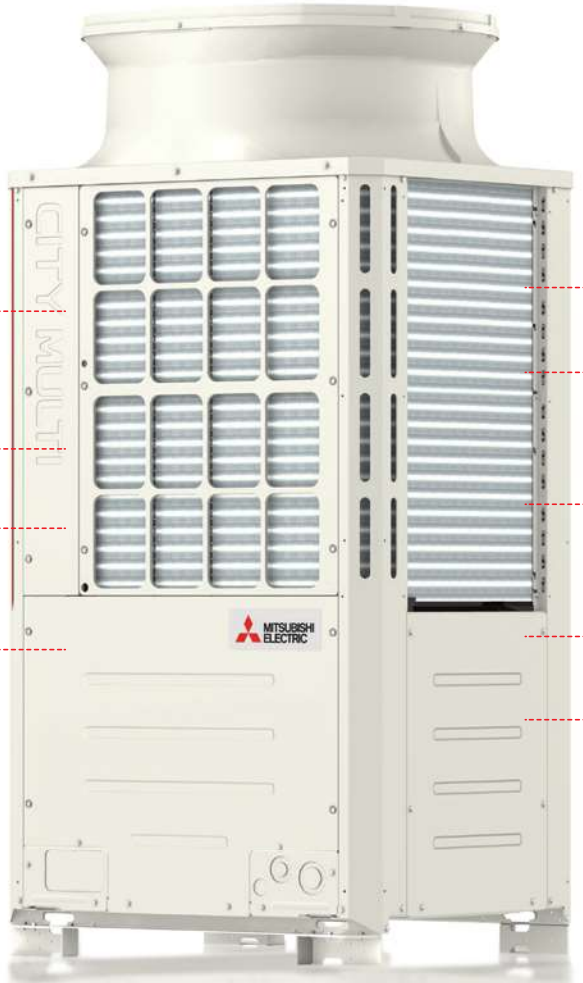
OUTDOOR UNITS - PUHY-(E)P Y(S)NW-A2(-BS)

NEW FOUR-SIDED BATTERY

STATIC PRESSURE OF FAN INCREASED UP TO 80 PA.

CITY MULTI

NEW FAN WITH LOW FRICTION PROFILE



COMPRESSOR OPTIMISED WITH "MULTI-PORT" TECHNOLOGY

NEW AUTO-SHIFT MODE

NEW AUTO-SHIFT MODE PREHEAT DEFROST FUNCTION

ADVANCED ETC CONTROL OF EVAPORATION TEMPERATURE.

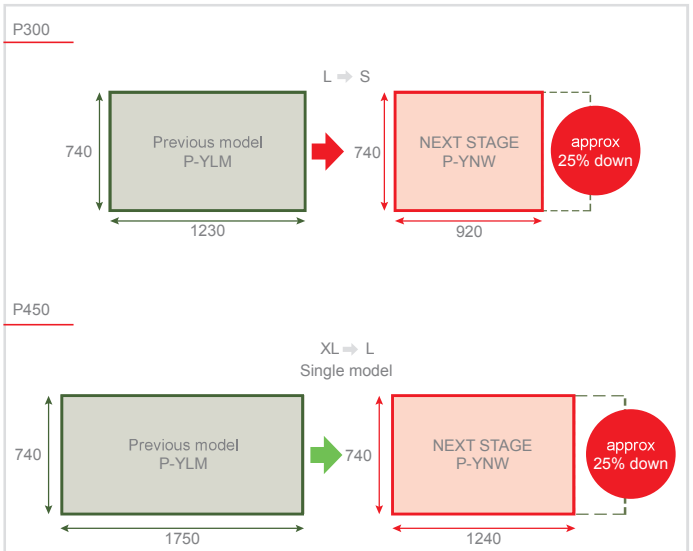
FLEXIBLE NOISE SETTING

New design

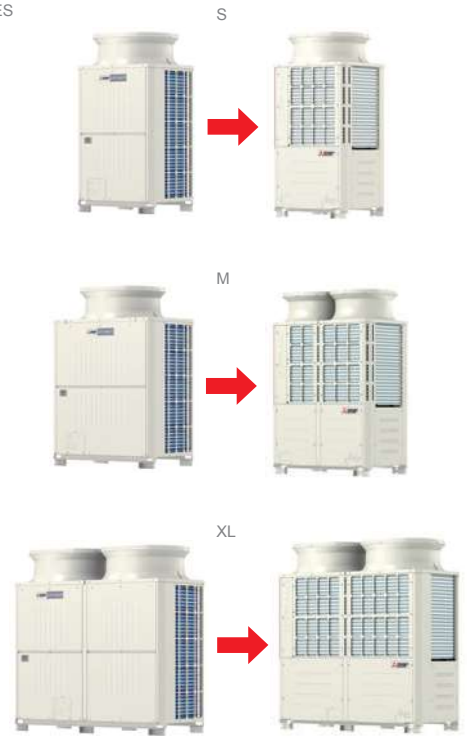
The new outdoor units of the YNW series use a four-sided heat exchanger close to the top of the case near the fan. This technological and construction choice makes it possible to increase heat exchange efficiency.

NEW FOUR-SIDED BATTERY





NEW MODULES



Energy saving

Energy efficiency has been further improved compared to YLM units and now hits top of the range performance values. SEER values have been raised by 139% (P500) compared to the previous model and SCOP values by 49% (P300 and P500). This allows the new YNW units to consume less energy in both cooling and heating. All year-round saving.



Single module

		Previous model	YNW
8HP	P200	S	S
10HP	P250	S	S
12HP	P300	L	S
14HP	P350	L	L
16HP	P400	L	L
18HP	P450	XL	L
20HP	P500	XL	XL

Technical specifications

MODEL				PUHY-P450YNW-A2(-BS)	PUHY-P500YNW-A2(-BS)	PUHY-P400YSNW-A2(-BS)	PUHY-P450YSNW-A2(-BS)	PUHY-P500YSNW-A2(-BS)
HP				18	20	16	18	20
Modules				PUHY-P450YNW-A2	PUHY-P500YNW-A2	PUHY-P(200+200)YNW-A2	PUHY-P(200+250)YNW-A2	PUHY-P(250+250)YNW-A2
Power supply			V/Hz/n°	3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling	Capacity (nominal) *1		kW	50,0	56,0	44,8	50,4	56,0
	Power input (nominal)		kW	18,86	21,05	12,47	15,94	19,85
	SEER			6,48	6,32	7,42	7,03	6,69
	Temperature operating field	Indoor WB	°C	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
		Outdoor DB	°C	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
Heating	Capacity (nominal) *2/ Capacity (max) *3		kW	50,0/56,0	56,0/63,0	44,8/50,0	50,4/56,5	56,0/63,0
	Power input (nominal)/ Power input (max)		kW	13,77/16,51	14,85/17,89	10,37/12,16	12,20/14,56	14,03/16,98
	SCOP			4,31	4,04	4,35	4,37	4,39
	Temperature operating field	Indoor DB	°C	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
		Outdoor WB	°C	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
Sound level *4	Sound pression (Sound power) level		dB(A)	65,5/71,0 (84/90)	63,5/66,5 (82/85)	61/62 (78/80)	62/63 (80/82)	63/64 (81/83)
Connectable indoor units	Total Capacity			50~130% of outdoor unit capacity				
	Model/Quantity	CITY MULTI		P10~P250, M20~M140/1~45	P10~P250, M20~M140/1~50	P10~P250, M20~M140/1~40	P10~P250, M20~M140/1~45	P10~P250, M20~M140/1~50
Ø Ref. piping diameter	Liquid		mm	15,88	15,88	12,7	15,88	15,88
	Gas		mm	28,58	28,58	28,58	28,58	28,58
Fan	Type x quantity			Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow		m³/min	305	365	170+170	170+185	185+185
Compressor	Type			Inverter scroll hermetic				
	Motor output		kW	11,7	13,3	3,5+3,5	3,5+5,3	5,3+5,3
External dimentions	H(H*5)xWxD		mm	1858(1798)x1240x740	1858(1798)x1750x740	1858(1798)x920x740 1858(1798)x920x740	1858(1798)x920x740 1858(1798)x920x740	1858(1798)x920x740 1858(1798)x920x740
Net weight			kg	293	334	213+213	213+213	213+213
Refrigerant	Ref. Charge R410		kg	10,8	10,8	13	13	13
	CO_2 eq.*6		Tons	22,55	22,55	27,14	27,14	27,14

Technical specifications

MODEL				PUHY-P550YSNW-A2(-BS)	PUHY-P600YSNW-A2(-BS)	PUHY-P650YSNW-A2(-BS)	PUHY-P700YSNW-A2(-BS)	PUHY-P750YSNW-A2(-BS)
HP				22	24	26	28	30
Modules				PUHY-P(250+300)YNW-A2	PUHY-P(300+300)YNW-A2	PUHY-P(250+400)YNW-A2	PUHY-P(350+350)YNW-A2	PUHY-P(350+400)YNW-A2
Power supply			V/Hz/n°	3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling	Capacity (nominal) *1		kW	61,5	67,0	73,0	80,0	85,0
	Power input (nominal)		kW	21,65	23,34	27,96	28,88	32,56
	SEER			6,59	6,50	6,08	6,15	5,90
	Temperature operating field	Indoor WB	°C	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
		Outdoor DB	°C	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
Heating	Capacity (nominal) *2/ Capacity (max) *3		kW	61,5/69,0	67,0/75,0	73,0/81,5	80,0/90,0	85,0/95,0
	Power input (nominal)/ Power input (max)		kW	15,76/18,80	17,49/20,60	19,01/22,70	20,40/24,65	22,25/26,53
	SCOP			4,24	4,12	4,14	4,33	4,14
	Temperature operating field	Indoor DB	°C	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
		Outdoor WB	°C	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
Sound level *4	Sound pression (Sound power) level		dB(A)	63,5/66 (82/85)	64/67,5 (83/87)	66,5/68 (83/87)	65/67,5 (83/87)	67/69 (84/88)
Connectable indoor units	Total Capacity			50~130% of outdoor unit capacity				
	Model/Quantity	CITY MULTI		P10~P250, M20~M140/2~50	P10~P250, M20~M140/2~50	P10~P250, M20~M140/2~50	P10~P250, M20~M140/2~50	P10~P250, M20~M140/2~50
Ø Ref. piping diameter	Liquid		mm	15,88	15,88	15,88	19,05	19,05
	Gas		mm	28,58	28,58	28,58	34,93	34,93
Fan	Type x quantity			Propeller fan x 2	Propeller fan x 2	Propeller fan x 3	Propeller fan x 4	Propeller fan x 4
	Air flow		m³/min	185+240	240+240	185+300	270+270	270+300
Compressor	Type			Inverter scroll hermetic				
	Motor output		kW	5,3+6,7	6,7 + 6,7	5,3 + 11,4	8,6+8,6	8,6+11,4
External dimentions	H(H*5)xWxD		mm	1858(1798)x920x740 1858(1798)x920x740	1858(1798)x920x740 1858(1798)x920x740	1858(1798)x920x740 1858(1798)x1240x740	1858(1798)x1240x740 1858(1798)x1240x740	1858(1798)x1240x740 1858(1798)x1240x740
Net weight			kg	213+226	226+226	213+277	277+277	277+277
Refrigerant	Ref. Charge R410		kg	13	13	16,3	19,6	19,6
	CO_2 eq.*6		Tons	27,14	27,14	34,03	40,92	40,92

*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
*2 Capacità nominale (registrata Eurovent - Conto Termico e Detrazioni)
*4 Values measured in anechoic chamber (Cooling mode/Heating mode)
*5 Without legs
*6 GWP value of HFC R410A 2088 according to 517 / 2014
The SEER and SCOP data are based on the EN14825 measurement standard