

Y ECOSTANDARD LINE

OUTDOOR UNITS - PUHY-P Y(S)KA(-BS)



OUTDOOR UNIT
OPTIMISED FOR COOLING
PERFORMANCE (EER)

SINGLE MODULE SYSTEM
FOR INSTALLATIONS UP
TO 20HP, FOR MINIMISED
SPACE USAGE AND
EXTREME SIMPLICITY OF
INSTALLATION

EXTENDED OPERATING
RANGE IN COOLING
MODE, WITH MAXIMUM
TEMPERATURES UP TO
52°C

MAX SIZE UP TO 60 HP

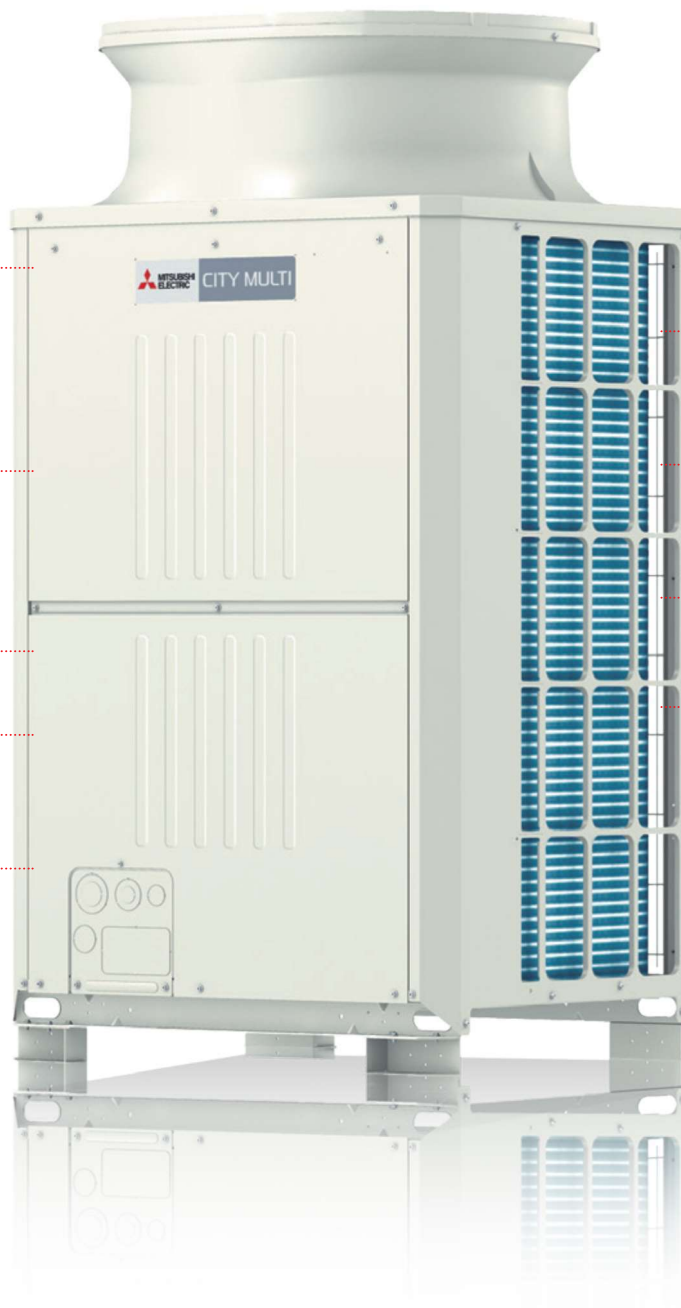
EVAPORATING
TEMPERATURE CONTROL
SYSTEM (E.T.C.)

NEW FLANGED DUCT AND
NEW DC INVERTER FAN
MOTOR

MORE COMPACT AND
LIGHTER THAN YHA
OUTDOOR UNIT SERIES

CONVENTIONAL BI-METAL
(COPPER/ALUMINIUM)
HEAT EXCHANGER

EXTENDED PIPING
LENGHT



Technical specifications				PUHY-P200YKA(-BS)	PUHY-P250YKA(-BS)	PUHY-P300YKA(-BS)	PUHY-P350YKA(-BS)	PUHY-P400YKA(-BS)	PUHY-P450YKA(-BS)	PUHY-P500YKA(-BS)
MODEL Single				8	10	12	14	16	18	20
HP				8	10	12	14	16	18	20
Power supply	Tens./Freq./Phase	V/Hz/n°	3 phase 380-400-415 50Hz							
Cooling	Capacity*1	kW	22,4	28	33,5	40	45	48	55	
	Power input	kW	5,19	6,89	8,86	11,69	13,55	15,78	18,39	
	EER		4,31	4,06	3,78	3,42	3,32	3,04	2,99	
	SEER		7.12	7.28	6.39	6.67	6.30	6.13	6.44	
	Temperature operating field	Indoor WB °C	15~24	15~24	15~24	15~24	15~24	15~24	15~24	
	Outdoor DB °C	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52		
Heating	Capacity*2	kW	22,4	28	33,5	40	45	48	55	
	Power input	kW	5,05	6,33	8,11	9,61	10,92	13,33	15,71	
	COP		4,43	4,42	4,13	4,16	4,12	3,6	3,5	
	SCOP		4.12	3.87	3.92	3.56	3.50	3.50	3.51	
	Temperature operating field	Indoor WB °C	15~27	15~27	15~27	15~27	15~27	15~27	15~27	
	Outdoor DB °C	-20~15,5	-20~15,5	-20~15,5	-20~15,5	-20~15,5	-20~15,5	-20~15,5		
Sound pressure level*3				57	58	61	61	63	63	65
Connectable indoor units	Total capacity	50 to 130% of O.U. capacity			50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity
	Model/Quantity	P15~P250/1~17			P15~P250/1~21	P15~P250/1~26	P15~P250/1~30	P15~P250/1~34	P15~P250/1~39	P15~P250/1~43
Ø Ref. piping diameter	Liquid/Gas	9,52/22,2			9,52/22,2	9,52/22,2	9,52/28,58	12,7/28,58	15,88/28,58	15,88/28,58
External dimentions	(HxLxD)	mm	1650x920x740	1650x920x740	1650x920x740	1650x1220x740	1650x1220x740	1650x1220x740	1650x1750x740	
Net weight				195	195	211	256	253	253	288
Ref. Charge R410**/CO ₂ Eq				8/16,7	8/16,7	8/16,7	11,5/24,01	11,5/24,01	11,5/24,01	11,8/24,64

Technical specifications				PUHY-P550YKA(-BS)	PUHY-P600YKA(-BS)	PUHY-P650YKA(-BS)	PUHY-P700YKA(-BS)	PUHY-P750YKA(-BS)	PUHY-P800YKA(-BS)
MODEL Double				22	24	26	28	30	32
HP				22	24	26	28	30	32
Modules				PUHY-P250YKA PUHY-P300YKA	PUHY-P250YKA PUHY-P350YKA	PUHY-P250YKA PUHY-P400YKA	PUHY-P250YKA PUHY-P450YKA	PUHY-P300YKA PUHY-P450YKA	PUHY-P400YKA PUHY-P400YKA
Twinning joint				CMY-Y100VBK3	CMY-Y100VBK3	CMY-Y100VBK3	CMY-Y200VBK2	CMY-Y200VBK2	CMY-Y200VBK2
Power supply	Tens./Freq./Phase	V/Hz/n°	3 phase 380-400-415 50Hz						
Cooling	Capacity*1	kW	63	68	73	76	81,5	90	
	Power input	kW	16,07	18,18	19,78	21,4	23,9	27,1	
	EER		3,92	3,74	3,69	3,55	3,41	3,32	
	SEER		6,67	6,79	6,75	6,14	5,70	6,44	
	Temperature operating field	Indoor WB °C	15~24	15~24	15~24	15~24	15~24	15~24	
	Outdoor DB °C	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52		
Heating	Capacity*2	kW	63	68	73	76	81,5	90	
	Power input	kW	15,51	16,7	18,02	20	22,2	23,01	
	COP		4,06	4,07	4,05	3,8	3,67	3,91	
	SCOP		3,76	3,81	3,57	3,45	3,40	3,38	
	Temperature operating field	Indoor WB °C	15~27	15~27	15~27	15~27	15~27	15~27	
	Outdoor DB °C	-20~15,5	-20~15,5	-20~15,5	-20~15,5	-20~15,5	-20~15,5		
Sound pressure level*3				63	63	64,5	64,5	65,5	66
Connectable indoor units	Total capacity	50 to 130% of O.U. capacity			50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity	50 to 130% of O.U. capacity
	Model/Quantity	P15~P250/2~47			P15~P250/2~50	P15~P250/2~50	P15~P250/2~50	P15~P250/2~50	P15~P250/2~50
Ø Ref. piping diameter	Liquid/Gas	15,88/28,58			15,88/28,58	15,88/28,58	19,05/34,93	19,05/34,93	19,05/34,93
External dimentions	(HxLxD)	mm	1650x920x740 1650x920x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x1220x740 1650x1220x740
Net weight				406	451	448	448	464	506
Ref. Charge R410**/CO ₂ Eq				16/33,4	19,5/33,4	19,5/33,4	19,5/48,02	19,5/48,02	23/48,02

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

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

*3 Values measured in anechoic chamber.

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