

Technical specifications									
MODEL Single			PUHY-P200YKA(-BS)	PUHY-P250YKA(-BS)	PUHY-P300YKA(-BS)	PUHY-P350YKA(-BS)	PUHY-P400YKA(-BS)	PUHY-P450YKA(-BS)	PUHY-P500YKA(-BS)
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		3,31	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
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
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		dB(A)	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 dimensions	(HxLxD)	mm	1650x920x740	1650x920x740	1650x920x740	1650x1220x740	1650x1220x740	1650x1220x740	1650x1750x740
Net weight		kg	195	195	211	256	253	253	288
Ref. Charge R410*/CO ₂ Eq		kg/Tons	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													
MODEL Double			PUHY-P550YKA(-BS)	PUHY-P600YKA(-BS)	PUHY-P650YKA(-BS)	PUHY-P700YKA(-BS)	PUHY-P750YKA(-BS)	PUHY-P800YKA(-BS)	PUHY-P850YKA(-BS)	PUHY-P900YKA(-BS)	PUHY-P950YKA(-BS)	PUHY-P1000YKA(-BS)	
HP			22	24	26	28	30	32	34	36	38	40	
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	PUHY-P400YKA PUHY-P450YKA	PUHY-P450YKA PUHY-P450YKA	PUHY-P450YKA PUHY-P500YKA	PUHY-P500YKA PUHY-P500YKA	
Twinning joint			CMY-Y100VBK3	CMY-Y100VBK3	CMY-Y100VBK3	CMY-Y200VBK2	CMY-Y200VBK2	CMY-Y200VBK2	CMY-Y200VBK2	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	93	96	103	110	
	Power input	kW	16,07	18,18	19,78	21,4	23,9	27,1	29,24	31,57	34,21	36,78	
	EER		3,92	3,74	3,69	3,55	3,41	3,32	3,18	3,04	3,01	2,99	
	Temperature operating field	Indoor WB	°C	15~24	15~24	15~24	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	-5~52	-5~52	-5~52
Heating	Capacity*2	kW	63	68	73	76	81,5	90	93	96	103	110	
	Power input	kW	15,51	16,7	18,02	20	22,2	23,01	25,4	28,07	30,56	33,13	
	COP		4,06	4,07	4,05	3,8	3,67	3,91	3,66	3,42	3,37	3,32	
	Temperature operating field	Indoor WB	°C	15~27	15~27	15~27	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	-20~15,5	-20~15,5	-20~15,5
Sound pressure level*3		dB(A)	63	63	64,5	64,5	65,5	66	66	66	67,5	68	
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	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	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	19,05/41,28	19,05/41,28	19,05/41,28	19,05/41,28	
External dimensions	(HxLxD)	mm	1650x920x740 1650x920x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x920x740 1650x1220x740	1650x1220x740 1650x1220x740	1650x1220x740 1650x1220x740	1650x1220x740 1650x1220x740	1650x1220x740 1650x1750x740	1650x1750x740 1650x1750x740	
Net weight		kg	406	451	448	448	464	506	506	506	541	576	
Ref. Charge R410*/CO ₂ Eq		kg/Tons	16/33,4	19,5/33,4	19,5/33,4	19,5/48,02	19,5/48,02	23/48,02	23/48,02	23/48,02	23,3/48,65	23,6/49,28	

*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.

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

Key Technologies

Technical specifications

MODEL Triple		PUHY-P1050YKA(-BS)	PUHY-P1100YKA(-BS)	PUHY-P1150YKA(-BS)	PUHY-P1200YKA(-BS)	PUHY-P1250YKA(-BS)	PUHY-P1300YKA(-BS)	PUHY-P1350YKA(-BS)	PUHY-P1400YKA(-BS)	PUHY-P1450YKA(-BS)	PUHY-P1500YKA(-BS)	
HP		42	44	46	48	50	52	54	56	58	60	
Modules		PUHY-P300YKA PUHY-P300YKA PUHY-P450YKA	PUHY-P300YKA PUHY-P350YKA PUHY-P450YKA	PUHY-P300YKA PUHY-P400YKA PUHY-P400YKA	PUHY-P400YKA PUHY-P400YKA PUHY-P400YKA	PUHY-P400YKA PUHY-P400YKA PUHY-P450YKA	PUHY-P400YKA PUHY-P450YKA PUHY-P450YKA	PUHY-P450YKA PUHY-P450YKA PUHY-P500YKA	PUHY-P450YKA PUHY-P450YKA PUHY-P500YKA	PUHY-P450YKA PUHY-P500YKA PUHY-P500YKA	PUHY-P500YKA PUHY-P500YKA PUHY-P500YKA	
Twinning joint		CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	CMY-Y300VBK3	
Power supply	Tens./Freq./Phase	V/Hz/n° 3 phase 380-400-415 50Hz										
Cooling	Capacity*1	kW 115 121,5 130 135 138 141 144 151 158 165										
	Power input	kW 32,57 35,63 38,8 40,66 43,12 45,77 48,64 52,24 55,83 59,56										
	EER	3,53 3,41 3,35 3,32 3,2 3,08 2,96 2,89 2,83 2,77										
	Temperature operating field	Indoor WB °C	15~24 15~24 15~24 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 -5~52 -5~52 -5~52										
Heating	Capacity*2	kW 115 121,5 130 135 138 141 144 151 158 165										
	Power input	kW 31,5 33,8 35,51 37,7 40,35 42,98 46,15 49,5 52,49 56,12										
	COP	3,65 3,59 3,66 3,58 3,42 3,28 3,12 3,05 3,01 2,94										
	Temperature operating field	Indoor WB °C	15~27 15~27 15~27 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 -20~15,5 -20~15,5 -20~15,5										
Sound power level*3	dB(A)	66,5 66,5 67,5 68 68 68 68 68,5 69,5 70										
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 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~P250/2~50 P15~P250/2~50 P15~P250/2~50 P15~P250/2~50 P15~P250/2~50 P15~P250/2~50 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	19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28 19,05/41,28										
External dimensions	(HxLxD)	mm	1650x920x740 1650x920x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1750x740									
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			1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1220x740 1650x1750x740 1650x1750x740 1650x1750x740									
Net weight	kg	675 720 762 759 759 759 759 829 864										
Ref. Charge R410*/CO ₂ Eq	kg/Tons	27/57,41 31/64,72 34,5/72,03 34,5/72,03 34,5/72,03 34,5/72,03 34,5/72,03 34,8/72,66 35,1/73,29 35,4/73,92										

*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.

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