

Series Y Nominal single



PUHY-P YKB-A1 OUTDOOR UNITS
OPTIMISED FOR NOMINAL PERFORMANCE

E.T.C.

CONTINUOUS
HEATING

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P200YKB-A1(-BS)		PUHY-P250YKB-A1(-BS)		
HP				8		10		
Power		Voltage/Freq./Phases		V/Hz/n°		3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW		22.4		28.0	
	Power absorption		kW		5.19		6.88	
	EER				4.31		4.06	
	Operating temperature range	Indoor WB	°C		15.0~24.0		15.0~24.0	
		Outdoor DB	°C		-5.0~52.0		-5.0~52.0	
Heating	Nominal capacity ²		kW		25.0		31.5	
	Power absorption		kW		5.81		7.34	
	COP				4.30		4.29	
	Operating temperature range	Indoor DB	°C		15.0~27.0		15.0~27.0	
		Outdoor WB	°C		-20.0~15.5		-20.0~15.5	
Sound pressure ³			dB(A)		57		59	
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.		
	Model/Quantity			P15~P250/1~17		P15~P250/1~21		
External diameter of refrigerant connectors	Liquid		mm		9.52		9.52	
	Gas		mm		22.2		22.2	
	Fan air flow rate		m³/min		175		175	
	External dimensions (HxLxW)		mm		1710 x 920 x 740		1710 x 920 x 740	
	Net weight		kg		190		199	
	R410A refrigerant charge quantity		kg		6.5		8.0	

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P300YKB-A1(-BS)		PUHY-P350YKB-A1(-BS)		
HP				12		14		
Power		Voltage/Freq./Phases		V/Hz/n°		3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW		33.5		40.0	
	Power absorption		kW		8.56		11.69	
	EER				3.91		3.42	
	Operating temperature range	Indoor WB	°C	15.0~24.0		15.0~24.0		
		Outdoor DB	°C	-5.0~52.0		-5.0~52.0		
Heating	Nominal capacity ²		kW		37.5		45.0	
	Power absorption		kW		9.07		11.13	
	COP				4.13		4.04	
	Operating temperature range	Indoor DB	°C	15.0~27.0		15.0~27.0		
		Outdoor WB	°C	-20.0~15.5		-20.0~15.5		
Sound pressure ³			dB(A)		61		61	
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.		
	Model/Quantity			P15~P250/1~26		P15~P250/1~30		
External diameter of refrigerant connectors	Liquid		mm		9.52		12.7	
	Gas		mm		22.2		28.58	
	Fan air flow rate		m³/min		210		210	
	External dimensions (HxLxW)		mm		1710 x 1220 x 740		1710 x 1220 x 740	
	Net weight		kg		251		251	
	R410A refrigerant charge quantity		kg		11.5		11.5	

*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.

Series Y Nominal double



PUHY-P YSKB-A1 OUTDOOR UNITS
OPTIMISED FOR NOMINAL PERFORMANCE

E.T.C.

CONTINUOUS
HEATING

OUTDOOR UNITS

TECHNICAL SPECIFICATIONS

MODEL			PUHY-P400YSKB-A1(-BS)		PUHY-P450YSKB-A1(-BS)		PUHY-P500YSKB-A1(-BS)	
HP			16		18		20	
Power	Voltage/Freq./Phases	V/Hz/n°	3 phase 380-400-415V 50Hz		3 phase 380-400-415V 50Hz		3 phase 380-400-415V 50Hz	
Cooling	Nominal capacity ¹	kW	45.0		50.0		56.0	
	Power absorption	kW	11.0		12.59		14.54	
	EER		4.09		3.97		3.85	
	Operating temperature range	Indoor WB °C Outdoor DB °C	15.0~24.0 -5.0~52.0		15.0~24.0 -5.0~52.0		15.0~24.0 -5.0~52.0	
Heating	Nominal capacity ²	kW	50.0		56.0		63.0	
	Power absorption	kW	12.24		13.72		15.46	
	COP		4.08		4.08		4.07	
	Operating temperature range	Indoor DB °C Outdoor WB °C	15.0~27.0 -20.0~15.5		15.0~27.0 -20.0~15.5		15.0~27.0 -20.0~15.5	
Sound pressure ³		dB(A)	60		61.5		62.0	
Connectable indoor units	Total capacity		50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.	
	Model/Quantity		P15~P250/1~34		P15~P250/1~39		P15~P250/1~43	
External diameter of refrigerant connectors	Liquid	mm	12.7		15.88		15.88	
	Gas	mm	28.58		28.58		28.58	
Model			PUHY-P200YKB-A1	PUHY-P200YKB-A1	PUHY-P200YKB-A1	PUHY-P250YKB-A1	PUHY-P250YKB-A1	PUHY-P250YKB-A1
	Fan air flow rate	m³/min	175	175	175	175	175	175
	External dimensions (HxLxW)	mm	1710 x 920 x 740	1710 x 920 x 740	1710 x 920 x 740	1710 x 920 x 740	1710 x 920 x 740	1710 x 920 x 740
	Net weight	kg	190	190	190	199	199	199
	R410A refrigerant charge quantity	kg	6.5	6.5	6.5	8.0	8.0	8.0

TECHNICAL SPECIFICATIONS

MODEL			PUHY-P550YSKB-A1(-BS)		PUHY-P600YSKB-A1(-BS)		PUHY-P650YSKB-A1(-BS)			
HP			22		24		26			
Power	Voltage/Freq./Phases	V/Hz/n°	3 phase 380-400-415V 50Hz		3 phase 380-400-415V 50Hz		3 phase 380-400-415V 50Hz			
Cooling	Nominal capacity ¹	kW	63.0		69.0		73.0			
	Power absorption	kW	16.66		19.43		20.97			
	EER		3.78		3.55		3.48			
	Operating temperature range	Indoor WB °C Outdoor DB °C	15.0~24.0 -5.0~52.0		15.0~24.0 -5.0~52.0		15.0~24.0 -5.0~52.0			
Heating	Nominal capacity ²	kW	69.0		76.5		81.5			
	Power absorption	kW	17.29		19.36		21.0			
	COP		3.99		3.95		3.88			
	Operating temperature range	Indoor DB °C Outdoor WB °C	15.0~27.0 -20.0~15.5		15.0~27.0 -20.0~15.5		15.0~27.0 -20.0~15.5			
Sound pressure ³			dB(A)		63.5		63.5		64	
Connectable indoor units	Total capacity		50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.		50 to 130% of capacity of O.U.			
	Model/Quantity		P15~P250/2~47		P15~P250/2~50		P15~P250/2~50			
External diameter of refrigerant connectors	Liquid	mm	15.88		15.88		15.88			
	Gas	mm	28.58		28.58		28.58			
Model			PUHY-P250YKB-A1	PUHY-P300YKB-A1	PUHY-P250YKB-A1	PUHY-P350YKB-A1	PUHY-P300YKB-A1	PUHY-P350YKB-A1		
	Fan air flow rate	m³/min	175	210	175	210	210	210		
	External dimensions (HxLxW)	mm	1710 x 920 x 740	1710 x 1220 x 740	1710 x 920 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740		
	Net weight	kg	199	251	199	251	251	251		
	R410A refrigerant charge quantity	kg	8.0	11.5	8.0	11.5	11.5	11.5		

*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.

E.T.C. **CONTINUOUS HEATING**

TECHNICAL SPECIFICATIONS

*3 Values measured in anechoic chamber.

Series Y Nominal triple

PUHY-P YSKB-A1 OUTDOOR UNITS
OPTIMISED FOR NOMINAL PERFORMANCE

E.T.C.

CONTINUOUS
HEATING



OUTDOOR UNITS

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P950YSKB-A1(-BS)			PUHY-P1000YSKB-A1(-BS)		
HP				38			40		
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW	108.0			113.0		
	Power absorption		kW	30.25			32.10		
	EER			3.57			3.52		
	Operating temperature range	Indoor WB	°C	15.0~24.0			15.0~24.0		
Outdoor DB		°C	-5.0~52.0			-5.0~52.0			
Heating	Nominal capacity ²		kW	119.5			127.0		
	Power absorption		kW	30.40			32.70		
	COP			3.93			3.88		
	Operating temperature range	Indoor DB	°C	15.0~27.0			15.0~27.0		
Outdoor WB		°C	-20.0~15.5			-20.0~15.5			
Sound pressure ³				dB(A)			66.5		
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.		
	Model/Quantity			P15-P250/2~50			P15-P250/2~50		
External diameter of refrigerant connectors	Liquid		mm	19.05			19.05		
	Gas		mm	41.28			41.28		
Model				PUHY-P250YKB-A1	PUHY-P300YKB-A1	PUHY-P400YKB-A1	PUHY-P300YKB-A1	PUHY-P300YKB-A1	PUHY-P400YKB-A1
	Fan air flow rate		m³/min	175	210	210	210	210	210
	External dimensions (HxLxW)		mm	1710 x 920 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740
	Net weight		kg	199	251	251	251	251	251
	R410A refrigerant charge quantity		kg	8.0	11.5	11.5	11.5	11.5	11.5

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P1050YSKB-A1(-BS)			PUHY-P1100YSKB-A1(-BS)		
HP				42			44		
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW	118.0			124.0		
	Power absorption		kW	35.01			38.62		
	EER			3.37			3.21		
	Operating temperature range	Indoor WB	°C	15.0~24.0			15.0~24.0		
		Outdoor DB	°C	-5.0~52.0			-5.0~52.0		
Heating	Nominal capacity ²		kW	132.0			140.0		
	Power absorption		kW	34.25			36.60		
	COP			3.85			3.82		
	Operating temperature range	Indoor DB	°C	15.0~27.0			15.0~27.0		
		Outdoor WB	°C	-20.0~15.5			-20.0~15.5		
Sound pressure ³			dB(A)	66.5			66.5		
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.		
	Model/Quantity			P15~P250/2~50			P15~P250/2~50		
External diameter of refrigerant connectors	Liquid		mm	19.05			19.05		
	Gas		mm	41.28			41.28		
Model				PUHY-P300YKB-A1	PUHY-P350YKB-A1	PUHY-P400YKB-A1	PUHY-P350YKB-A1	PUHY-P350YKB-A1	PUHY-P400YKB-A1
	Fan air flow rate		m³/min	210	210	210	210	210	210
	External dimensions (HxLxW)		mm	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1220 x 740
	Net weight		kg	251	251	251	251	251	251
	R410A refrigerant charge quantity		kg	11.5	11.5	11.5	11.5	11.5	11.5

*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.

Series Y Nominal triple



PUHY-P YSKB-A1 OUTDOOR UNITS
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E.T.C.

CONTINUOUS
HEATING

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P1150YSKB-A1(-BS)			PUHY-P1200YSKB-A1(-BS)		
HP				46			48		
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW	130.0			136.0		
	Power absorption		kW	40.24			44.10		
	EER			3.23			3.08		
	Operating temperature range	Indoor WB	°C	15.0~24.0			15.0~24.0		
Outdoor DB		°C	-5.0~52.0			-5.0~52.0			
Heating	Nominal capacity ²		kW	145.0			150.0		
	Power absorption		kW	39.29			40.76		
	COP			3.69			3.68		
	Operating temperature range	Indoor DB	°C	15.0~27.0			15.0~27.0		
Outdoor WB		°C	-20.0~15.5			-20.0~15.5			
Sound pressure ³			dB(A)	68.5			69.0		
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.		
	Model/Quantity			P15~P250/2~50			P15~P250/2~50		
External diameter of refrigerant connectors	Liquid		mm	19.05			19.05		
	Gas		mm	41.28			41.28		
Model				PUHY-P350YKB-A1	PUHY-P350YKB-A1	PUHY-P450YKB-A1	PUHY-P350YKB-A1	PUHY-P400YKB-A1	PUHY-P450YKB-A1
	Fan air flow rate		m³/min	210	210	360	210	210	360
	External dimensions (HxLxW)		mm	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1750 x 740	1710 x 1220 x 740	1710 x 1220 x 740	1710 x 1750 x 740
	Net weight		kg	251	251	304	251	251	304
	R410A refrigerant charge quantity		kg	11.5	11.5	11.8	11.5	11.5	11.8

TECHNICAL SPECIFICATIONS

MODEL				PUHY-P1250YSKB-A1(-BS)			PUHY-P1300YSKB-A1(-BS)		
HP				50			52		
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz		
Cooling	Nominal capacity ¹		kW	140.0			146.0		
	Power absorption		kW	43.80			47.80		
	EER			3.19			3.05		
	Operating temperature range	Indoor WB	°C	15.0~24.0			15.0~24.0		
Outdoor DB		°C	-5.0~52.0			-5.0~52.0			
Heating	Nominal capacity ²		kW	156.5			163.0		
	Power absorption		kW	44.08			46.04		
	COP			3.55			3.54		
	Operating temperature range	Indoor DB	°C	15.0~27.0			15.0~27.0		
Outdoor WB		°C	-20.0~15.5			-20.0~15.5			
Sound pressure ³			dB(A)	70			70		
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.		
	Model/Quantity			P15~P250/2~50			P15~P250/2~50		
External diameter of refrigerant connectors	Liquid		mm	19.05			19.05		
	Gas		mm	41.28			41.28		
Model				PUHY-P350YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1	PUHY-P400YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1
	Fan air flow rate		m³/min	210	360	360	210	360	360
	External dimensions (HxLxW)		mm	1710 x 1220 x 740	1710 x 1750 x 740	1710 x 1750 x 740	1710 x 1220 x 740	1710 x 1750 x 740	1710 x 1750 x 740
	Net weight		kg	251	304	304	251	304	304
	R410A refrigerant charge quantity		kg	11.5	11.8	11.8	11.5	11.8	11.8

*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.

Series Y Nominal triple

PUHY-P YSKB-A1 OUTDOOR UNITS
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E.T.C.

CONTINUOUS
HEATING



OUTDOOR UNITS

TECHNICAL SPECIFICATIONS



MODEL				PUHY-P1350YSKB-A1(-BS)			
HP				54			
Power	Voltage/Freq./Phases		V/Hz/n°	3 phase 380-400-415V 50Hz			
Cooling	Nominal capacity ¹		kW	150.0			
	Power absorption		kW	47.40			
	EER			3.16			
	Operating temperature range	Indoor WB	°C	15.0~24.0			
		Outdoor DB	°C	-5.0~52.0			
Heating	Nominal capacity ²		kW	168.0			
	Power absorption		kW	49.12			
	COP			3.42			
	Operating temperature range	Indoor DB	°C	15.0~27.0			
		Outdoor WB	°C	-20.0~15.5			
Sound pressure ³			dB(A)	71			
Connectable indoor units	Total capacity			50 to 130% of capacity of O.U.			
	Model/Quantity			P15~P250/2~50			
External diameter of refrigerant connectors	Liquid		mm	19.05			
	Gas		mm	41.28			
Model				PUHY-P450YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1	
	Fan air flow rate		m³/min	360	360	360	
	External dimensions (HxLxW)		mm	1710 x 1750 x 740	1710 x 1750 x 740	1710 x 1750 x 740	
	Net weight		kg	304	304	304	
	R410A refrigerant charge quantity		kg	11.8	11.8	11.8	

Series Y Nominal single

LINE-UP EXTENSION



TECHNICAL SPECIFICATIONS

MODEL			PUHY-P400YKB-A1	PUHY-P450YKB-A1	PUHY-P500YKB-A1
HP			16	18	20
Power	Voltage/Freq./Phases	V/Hz/n°	3 phase 380-400-415V 50Hz	3 phase 380-400-415V 50Hz	
Cooling	Nominal capacity ¹	kW	45	50	55
	Power absorption	kW	13,55	14,79	18,39
	EER		3,32	3,38	2,99
	Operating temperature range	Indoor WB °C Outdoor DB °C	15.0~24.0 -5~52	15.0~24.0 -5~52	15.0~24.0 -5~52
Heating	Nominal capacity ²	kW	50	56	63
	Power absorption	kW	12,50	15,55	18,52
	COP		4	3,60	3,40
	Operating temperature range	Indoor DB °C Outdoor WB °C	15.0~27.0 -20.0~15.5	15.0~27.0 -20.0~15.5	15.0~27.0 -20.0~15.5
Sound pressure ³		dB(A)	63	66	-20.0~15.5
Connectable indoor units	Total capacity		50 to 130% of capacity of O.U.	50 to 130% of capacity of O.U.	50 to 130% of capacity of O.U.
	Model/Quantity		P15~P250 / 1~34	P15~P250 / 1~39	P15~P250 / 1~43
External diameter of refrigerant connectors	Liquid	mm	12,7	15,88	15,88
	Gas	mm	28,58	28,58	28,58
	Fan air flow rate	m³/min	210	360	360
	External dimensions (HxLxW)	mm	1710x1220x740*	1710x1750x740*	1710x1750x740*
	Net weight	kg	251	304	304
	R410A refrigerant charge quantity	kg	11,5	11,8	11,8

*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.