

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	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 Outdoor DB °C	15.0~24.0 -5.0~52.0	15.0~24.0 -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 Outdoor WB °C	15.0~27.0 -20.0~15.5	15.0~27.0 -20.0~15.5
Sound pressure³			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	m ³ /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	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 Outdoor DB °C	15.0~24.0 -5.0~52.0	15.0~24.0 -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 Outdoor WB °C	15.0~27.0 -20.0~15.5	15.0~27.0 -20.0~15.5
Sound pressure³			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	m ³ /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
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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 pressure³			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
	Fan air flow rate	m ³ /min	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
	Net weight	kg	190	190	190	199	199
	R410A refrigerant charge quantity	kg	6.5	6.5	6.5	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 pressure³			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	m ³ /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.

Series Y Nominal double



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

E.T.C.

CONTINUOUS HEATING

TECHNICAL SPECIFICATIONS



MODEL			PUHY-P700YSKB-A1(-BS)	PUHY-P750YSKB-A1(-BS)	PUHY-P800YSKB-A1(-BS)			
HP			28		30	32		
Power	Voltage/Freq./Phases	V/Hz/n°	3 phase 380-400-415V 50Hz					
Cooling	Nominal capacity ¹	kW	80.0		85.0	90.0		
	Power absorption	kW	24.69		26.56	27.86		
	EER		3.24		3.20	3.23		
	Operating temperature range	Indoor WB	°C	15.0~24.0				
Outdoor DB		°C	-5.0~-52.0					
Heating	Nominal capacity ²	kW	88.0		95.0	100.0		
	Power absorption	kW	22.97		24.93	27.62		
	COP		3.83		3.81	3.62		
	Operating temperature range	Indoor DB	°C	15.0~27.0				
		Outdoor WB	°C	-20.0~-15.5				
Sound pressure³			64		65.5	67.5		
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	34.93					
Model			PUHY-P350YKB-A1	PUHY-P350YKB-A1	PUHY-P350YKB-A1	PUHY-P400YKB-A1	PUHY-P350YKB-A1	PUHY-P450YKB-A1
	Fan air flow rate	m³/min	210	210	210	210	210	360
	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 1750 x 740
	Net weight	kg	251	251	251	251	251	304
	R410A refrigerant charge quantity	kg	11.5	11.5	11.5	11.5	11.5	11.8

TECHNICAL SPECIFICATIONS



MODEL			PUHY-P850YSKB-A1(-BS)		PUHY-P900YSKB-A1(-BS)	
HP			34		36	
Power	Voltage/Freq./Phases	V/Hz/n°	3 phase 380-400-415V 50Hz			
Cooling	Nominal capacity ¹	kW	96.0		101.0	
	Power absorption	kW	30.18		31.46	
	EER		3.18		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	108.0		113.0	
	Power absorption	kW	29.90		33.0	
	COP		3.61		3.42	
	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 pressure³			68		69	
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-P400YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1
	Fan air flow rate	m³/min	210	360	360	360
	External dimensions (HxLxW)	mm	1710 x 1220 x 740	1710 x 1750 x 740	1710 x 1750 x 740	1710 x 1750 x 740
	Net weight	kg	251	304	304	304
	R410A refrigerant charge quantity	kg	11.5	11.8	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



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E.T.C.

CONTINUOUS HEATING

OUTDOOR UNITS

TECHNICAL SPECIFICATIONS

MODEL			PUHY-P950YSKB-A1(-BS)			PUHY-P1000YSKB-A1(-BS)					
HP			38			40					
Power			3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz					
Cooling	Voltage/Freq./Phases		V/Hz/n°								
	Nominal capacity ¹		kW		108.0			113.0			
	Power absorption		kW		30.25			32.10			
	EER				3.57			3.52			
Heating	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				
	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 pressure³			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-P250YKB-A1	PUHY-P300YKB-A1	PUHY-P400YKB-A1	PUHY-P300YKB-A1	PUHY-P300YKB-A1	PUHY-P400YKB-A1			
Fan air flow rate			m ³ /min		175		210		210		
External dimensions (HxLxW)			mm		1710 x 920 x 740		1710 x 1220 x 740		1710 x 1220 x 740		
Net weight			kg		199		251		251		
R410A refrigerant charge quantity			kg		8.0		11.5		11.5		

TECHNICAL SPECIFICATIONS

MODEL			PUHY-P1050YSKB-A1(-BS)			PUHY-P1100YSKB-A1(-BS)					
HP			42			44					
Power			3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz					
Cooling	Voltage/Freq./Phases		V/Hz/n°								
	Nominal capacity ¹		kW		118.0			124.0			
	Power absorption		kW		35.01			38.62			
	EER				3.37			3.21			
Heating	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				
	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 pressure³			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			m ³ /min		210		210		210		
External dimensions (HxLxW)			mm		1710 x 1220 x 740		1710 x 1220 x 740		1710 x 1220 x 740		
Net weight			kg		251		251		251		
R410A refrigerant charge quantity			kg		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



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E.T.C.

CONTINUOUS HEATING

TECHNICAL SPECIFICATIONS



MODEL			PUHY-P1150YSKB-A1(-BS)			PUHY-P1200YSKB-A1(-BS)				
HP			46			48				
Power			3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz				
Cooling	Voltage/Freq./Phases		V/Hz/n°							
	Nominal capacity ¹		kW		130.0			136.0		
	Power absorption		kW		40.24			44.10		
	EER				3.23			3.08		
Heating	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		
	Nominal capacity ²		kW		145.0			150.0		
	Power absorption		kW		39.29			40.76		
COP				3.69			3.68			
Sound pressure³	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		
Connectable indoor units			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.				
Total capacity										
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	
External dimensions (HxLxW)			mm		1710 x 1220 x 740		1710 x 1220 x 740		1710 x 1750 x 740	
Net weight			kg		251		251		304	
R410A refrigerant charge quantity			kg		11.5		11.5		11.8	

TECHNICAL SPECIFICATIONS



MODEL			PUHY-P1250YSKB-A1(-BS)			PUHY-P1300YSKB-A1(-BS)				
HP			50			52				
Power			3 phase 380-400-415V 50Hz			3 phase 380-400-415V 50Hz				
Cooling	Voltage/Freq./Phases		V/Hz/n°							
	Nominal capacity ¹		kW		140.0			146.0		
	Power absorption		kW		43.80			47.80		
	EER				3.19			3.05		
Heating	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		
	Nominal capacity ²		kW		156.5			163.0		
	Power absorption		kW		44.08			46.04		
COP				3.55			3.54			
Sound pressure³	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		
Connectable indoor units			50 to 130% of capacity of O.U.			50 to 130% of capacity of O.U.				
Total capacity										
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	
External dimensions (HxLxW)			mm		1710 x 1220 x 740		1710 x 1750 x 740		1710 x 1750 x 740	
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.

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°	
Cooling		Nominal capacity ¹	kW	
		Power absorption	kW	
		EER		
		Operating temperature range	Indoor WB °C	°C
			Outdoor DB °C	°C
Heating		Nominal capacity ²	kW	
		Power absorption	kW	
		COP		
		Operating temperature range	Indoor DB °C	°C
			Outdoor WB °C	°C
Sound pressure ³		dB(A)		
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	
		Gas	mm	
Model		PUHY-P450YKB-A1	PUHY-P450YKB-A1	PUHY-P450YKB-A1
		Fan air flow rate	m ³ /min	360
		External dimensions (HxLxW)	mm	1710 x 1750 x 740
		Net weight	kg	304
		R410A refrigerant charge quantity	kg	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		
		Power absorption	kW		13,55		14,79		
		EER			3,32		3,38		
		Operating temperature range	Indoor WB °C	°C	15.0~24.0		15.0~24.0		
			Outdoor DB °C	°C	-5~52		-5~52		
Heating		Nominal capacity ²	kW		50		56		
		Power absorption	kW		12,50		15,55		
		COP			4		3,60		
		Operating temperature range	Indoor DB °C	°C	15.0~27.0		15.0~27.0		
			Outdoor WB °C	°C	-20.0~15.5		-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		
		Gas	mm		28,58		28,58		
		Fan air flow rate	m ³ /min		210		360		
		External dimensions (HxLxW)	mm		1710x1220x740*		1710x1750x740*		
		Net weight	kg		251		304		
		R410A refrigerant charge quantity	kg		11,5		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.