










Key Technologies

								
---	---	---	---	---	---	--	---	---

Technical specifications WY LINE

MODEL		SINGLE	PQHY-P200YLM-A1	PQHY-P250YLM-A1	PQHY-P300YLM-A1
HP			8	10	12
Power supply	Phases/Voltage/Freq.	V/Hz/n°	3-phase 380-400-415V 50Hz		
Cooling	Capacity*1	kW	22.4	28.0	33.5
	Power input	kW	3.71	4.90	6.04
	EER		6.03	5.71	5.54
	SEER		8.12	8.16	7.42
	Temperature operating field	Indoor WB Water	°C	15.0~24.0 10.0~45.0	15.0~24.0 10.0~45.0
Heating	Capacity*2	kW	25.0	31.5	37.5
	Power input	kW	3.97	5.08	6.25
	COP		6.29	6.20	6.00
	SCOP		4.90	4.61	4.55
	Temperature operating field	Indoor DB Water	°C	15.0~27.0 10.0~45.0	15.0~27.0 10.0~45.0
Sound power level*3		dB(A)	46	48	54
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
	Model/Quantity		P15~P250/1~17	P15~P250/1~21	P15~P250/1~26
Ø Ref. piping	Liquid	mm	9.52	9.52	9.52
	Gas		19.05	22.2	22.2
Circulating Water	Flow rate	m³/h	5.76	5.76	5.76
	Operating volume range		3.0~7.2	3.0~7.2	3.0~7.2
	Pressure drop	kPa	24	24	24
	Heat exchanger volume	l	5	5.0	5.0
External dimentions		mm	1100 x 880 x 550	1100 x 880 x 550	1100 x 880 x 550
Net weight		kg	174	174	174
Ref. Charge R410*4/CO ₂ Eq		kg/Tons	5.0 / 10.44	5.0 / 10.44	5.0 / 10.44

*1 Nominal cooling conditions: Indoor: 27°C DB / 19°C WB. Water temperature 30°C. Piping length 7.5 m, vertical difference 0 m.

*2 Nominal heating conditions: Indoor 20°C DB. Water temperature 20°C. 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.

Technical specifications WY LINE

MODEL		SINGLE	PQHY-P350YLM-A1	PQHY-P400YLM-A1	PQHY-P450YLM-A1	PQHY-P500YLM-A1	PQHY-P550YLM-A1	PQHY-P600YLM-A1
HP			14	16	18	20	22	24
Power supply	Phases/Voltage/Freq.	V/Hz/n°	3-phase 380-400-415V 50Hz					
Cooling	Capacity*1	kW	40.0	45.0	50.0	56.0	63.0	69.0
	Power input	kW	7.14	8.03	9.29	11.17	12.54	14.49
	EER		5.60	5.60	5.38	5.01	5.02	4.76
	SEER		7.44	7.40	6.62	6.30	6.89	6.89
	Temperature operating field	Indoor WB Water	°C	15.0~24.0 10.0~45.0	15.0~24.0 10.0~45.0	15.0~24.0 10.0~45.0	15.0~24.0 10.0~45.0	15.0~24.0 10.0~45.0
Heating	Capacity*2	kW	45.0	50.0	56	63.0	69.0	76.5
	Power input	kW	7.53	8.37	9.79	11.43	12.27	14.51
	COP		5.97	5.97	5.72	5.51	5.62	5.27
	SCOP		4.29	4.25	4.17	4.04	3.77	3.51
	Temperature operating field	Indoor DB Water	°C	15.0~27.0 10.0~45.0	15.0~27.0 10.0~45.0	15.0~27.0 10.0~45.0	15.0~27.0 10.0~45.0	15.0~27.0 10.0~45.0
Sound power level*3		dB(A)	52	52	54	54	56.5	56.5
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~P250/1~30	P15~P250/1~34	P15~P250/1~39	P15~P250/1~43	P15~P250/2~47	P15~P250/2~50
Ø Ref. piping	Liquid	mm	12.7	15.88	15.88	15.88	15.88	15.88
	Gas		28.58	28.58	28.58	28.58	28.58	28.58
Circulating Water	Flow rate	m³/h	7.20	7.20	7.20	7.20	11.52	11.52
	Operating volume range		4.5~11.6	4.5~11.6	4.5~11.6	4.5~11.6	6.0~14.4	6.0~14.4
	Pressure drop	kPa	44	44	44	44	45	45
	Heat exchanger volume	l	5.0	5.0	5.0	5.0	5.0	5.0
External dimentions		mm	1450 x 880 x 550	1450 x 880 x 550	1450 x 880 x 550	1450 x 880 x 550	1450 x 880 x 550	1450 x 880 x 550
Net weight		kg	217	217	217	217	246	246
Ref. Charge R410*4/CO ₂ Eq		kg/Tons	6.0 / 12.53	6.0 / 12.53	6.0 / 12.53	6.0 / 12.53	11.7 / 24.43	11.7 / 24.43