

# KHPMS-BI PRO



## → Technical Specifications

SET		KHPMS-BI 4 PRO	KHPMS-BI 6 PRO	KHPMS-BI 8 PRO	KHPMS-BI 10 PRO	KHPMS-BI 12 PRO	
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Outdoor unit		KHP-BI 4 DVR2	KHP-BI 6 DVR2	KHP-BI 8 DVR2	KHP-BI 10 DVR2	KHP-BI 12 DVR2	
Indoor unit		KHPM-BI 6 DVR2	KHPM-BI 6 DVR2	KHPM-BI 10 DVR2	KHPM-BI 10 DVR2	KHPM-BI 16 DVR2	
Optional DHW		BSX270	BSX270	BSX270/475	BSX270/475	BSX270/475	
Recommended control		Integrated	Integrated	Integrated	Integrated	Integrated	
Outdoor unit	Heating capacity (7°C / T outlet 35°C)	kW	4.25	6.35	8.3	10	12.1
	Heating capacity (7°C / T outlet 55°C)	kW	4.4	6	7.5	9.5	12
	Heating capacity (-7°C / T outlet 35°C)	kW	4.8	6.1	7.1	8.25	10
	Heating capacity (-7°C / T outlet 55°C)	kW	4	5.15	6.15	6.85	10
	Cooling capacity (35°C / T outlet 18°C)	kW	4.5	6.55	8.4	10	12
	Cooling capacity (35°C / T outlet 2°C)	kW	4.7	7	7.4	8.2	11.6
	Efficiency COP (7°C / T outlet 35°C)		5.2	5	5.2	5	4.95
	Efficiency COP (7°C / T outlet 55°C)		2.95	3	3.18	3.1	3.1
	Efficiency COP (-7°C / T outlet 35°C)		3.15	3.05	3.25	3.15	3
	Efficiency SCOP average climate outlet 35°C		4,85 - A+++	4,95 - A+++	5,21 - A+++	5,19 - A+++	4,81 - A+++
	Efficiency SCOP average climate outlet 55°C		3,31 - A++	3,52 - A++	3,36 - A++	3,49 - A++	3,45 - A++
	Efficiency SCOP warm climate outlet 35°C		6.46	6.57	6.99	7.09	6.48
	Efficiency SCOP warm climate outlet 55°C		4.15	4.21	4.51	4.62	4.43
	Efficiency SCOP cold climate outlet 35°C		4.06	4.21	4.33	4.32	4.08
	Efficiency SCOP cold climate outlet 55°C		2.63	2.85	2.88	2.99	3.02
	Efficiency EER average climate 35°C / T outlet 18°C		5.55	4.9	5.05	4.8	4
	Efficiency EER average climate 35°C / T outlet 7°C		3.45	3	3.38	3.3	2.75
	Efficiency SEER outlet 18°C		7.77	8.21	8.95	8.78	7.1
	Efficiency SEER outlet 7°C		4.99	5.34	5.83	5.98	4.89
	Width/height/depth	mm	1008 / 712 / 426	1008 / 712 / 426	1118 / 865 / 523	1118 / 865 / 523	1118 / 865 / 523
	Net weight	kg	58	58	77	77	96
	Type refrigerant		R-32	R-32	R-32	R-32	R-32
	Refrigerant charge	kg	1.5	1.5	1.65	1.65	1.84
Max. vertical distance with outdoor unit at the top	m	20	20	20	20	20	
Max. horizontal distance	m	30	30	30	30	30	
Liquid pipe	inch	1/4"	1/4"	3/8"	3/8"	3/8"	
Gas pipe	inch	5/8"	5/8"	5/8"	5/8"	5/8"	
Electrical heater support	W	3000	3000	3000	3000	3000	
Indoor unit	Width/height/depth	mm	420 / 790 / 270	420 / 790 / 270	420 / 790 / 270	420 / 790 / 270	420 / 790 / 270
	Net weight	kg	37	37	37	37	39
Water outlet temperature	Heating min./max.	°C	25 / 65	25 / 65	25 / 65	25 / 65	25 / 65
	Cooling min./max.	°C	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25
	DHW min./max.	°C	30 / 60	30 / 60	30 / 60	30 / 60	30 / 60
Working range	Outdoor ambient temperature for cooling min./max.	°C	-5°C / 43°C	-5°C / 43°C	-5°C / 43°C	-5°C / 43°C	-5°C / 43°C
	Outdoor ambient temperature for heating min./max.	°C	-25°C / 35°C	-25°C / 35°C	-25°C / 35°C	-25°C / 35°C	-25°C / 35°C
	Outdoor ambient temperature for DHW min./max.	°C	-25°C / 43°C	-25°C / 43°C	-25°C / 43°C	-25°C / 43°C	-25°C / 43°C



SET		KHPMS-BI 14 PRO	KHPMS-BI 16 PRO	KHPMS-BI 14T PRO	KHPMS-BI 16T PRO	
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	
Outdoor unit		KHP-BI 14 DVR2	KHP-BI 16 DVR2	KHP-BI 14 DTR2	KHP-BI 16 DTR2	
Indoor unit		KHPM-BI 16 DVR2	KHPM-BI 16 DVR2	KHPM-BI 16 DVR2	KHPM-BI 16 DVR2	
Optional DHW		BSX270/475	BSX475	BSX270/475	BSX475	
Recommended control		Integrated	Integrated	Integrated	Integrated	
Outdoor unit	Heating capacity (7°C / T outlet 35°C)	kW	14.5	16	14.5	16
	Heating capacity (7°C / T outlet 55°C)	kW	13.8	16	13.8	16
	Heating capacity (-7°C / T outlet 35°C)	kW	12	13.3	12	13.3
	Heating capacity (-7°C / T outlet 55°C)	kW	11	12.5	11	12.5
	Cooling capacity (35°C / T outlet 18°C)	kW	13.5	14.9	13.5	14.9
	Cooling capacity (35°C / T outlet 2°C)	kW	12.7	14	12.7	14
	Efficiency COP (7°C / T outlet 35°C)		4.7	4.5	4.7	4.5
	Efficiency COP (7°C / T outlet 55°C)		3	2.9	3	2.9
	Efficiency COP (-7°C / T outlet 35°C)		2.8	2.7	2.8	2.7
	Efficiency SCOP average climate outlet 35°C		4,72 - A+++	4,62 - A+++	4,72 - A+++	4,62 - A+++
	Efficiency SCOP average climate outlet 55°C		3,47 - A++	3,41 - A++	3,47 - A++	3,41 - A++
	Efficiency SCOP warm climate outlet 35°C		6.58	6.29	6.57	6.28
	Efficiency SCOP warm climate outlet 55°C		4.49	4.48	4.49	4.47
	Efficiency SCOP cold climate outlet 35°C		4.07	4.02	4.07	4.02
	Efficiency SCOP cold climate outlet 55°C		3.05	3.12	3.05	3.12
	Efficiency EER average climate 35°C / T outlet 18°C		3.6	3.4	3.6	3.4
	Efficiency EER average climate 35°C / T outlet 7°C		2.55	2.45	2.55	2.45
	Efficiency SEER outlet 18°C		6.9	6.75	6.85	6.71
	Efficiency SEER outlet 7°C		4.86	4.69	4.83	4.67
	Width/height/depth	mm	1118 / 865 / 523	1118 / 865 / 523	1118 / 865 / 523	1118 / 865 / 523
	Net weight	kg	96	96	112	112
	Type refrigerant		R-32	R-32	R-32	R-32
	Refrigerant charge	kg	1.84	1.84	1.84	1.84
Max. vertical distance with outdoor unit at the top	m	20	20	20	20	
Max. horizontal distance	m	30	30	30	30	
Liquid pipe	inch	3/8"	3/8"	3/8"	3/8"	
Gas pipe	inch	5/8"	5/8"	5/8"	5/8"	
Electrical heater support	W	3000	3000	3000	3000	
Indoor unit	Width/height/depth	mm	420 / 790 / 270	420 / 790 / 270	420 / 790 / 270	420 / 790 / 270
	Net weight	kg	39	39	39	39
	Heating min./max.	°C	25 / 65	25 / 65	25 / 65	25 / 65
Water outlet temperature	Cooling min./max.	°C	5 / 25	5 / 25	5 / 25	5 / 25
	DHW min./max.	°C	30 / 60	30 / 60	30 / 60	30 / 60
	Outdoor ambient temperature for cooling min./max.	°C	-5°C / 43°C	-5°C / 43°C	-5°C / 43°C	-5°C / 43°C
Working range	Outdoor ambient temperature for heating min./max.	°C	-25°C / 35°C	-25°C / 35°C	-25°C / 35°C	-25°C / 35°C
	Outdoor ambient temperature for DHW min./max.	°C	-25°C / 43°C	-25°C / 43°C	-25°C / 43°C	-25°C / 43°C