



## PRODIGY R-32 NEW

### TECHNICAL SPECIFICATIONS

SET		KAY-26 DR8	KAY-35 DR8	KAY-52 DR8	KAY-71 DR8
Cooling capacity (min./rated/max.)	kW	1.20/2.64/3.43	1.41/3.52/4.57	1.96/5.28/6.21	3.05/7.33/8.44
Cooling capacity (min./rated/max.)	Kcal/h	1032/2270/2950	1213/3027/3930	1686/4541/5341	2623/6304/7258
Cold input capacity (min./rated/max.)	W	100/700/1320	110/1250/1740	150/1500/2220	230/2260/3010
SEER		6.8	6.3	6.7	6.4
Cooling energy class		A++	A++	A++	A++
Cooling capacity (min./rated/max.)	kW	0.82/2.93/3.87	0.88/4.10/5.13	1.29/5.57/6.98	2.08/7.62/9.44
Cooling capacity (min./rated/max.)	Kcal/h	705/2520/3328	757/3526/4412	1109/4790/6003	1789/6553/8118
Heat input capacity (min./rated/max.)	W	140/780/1380	150/1170/1830	220/1390/2330	330/2110/3150
SCOP		4.0	4.0	4.0	4.0
Heating efficiency class		A+	A+	A+	A+
SCOP (warm areas)		5.1	5.2	5.1	5.1
Heating energy class (warm areas)		A+++	A+++	A+++	A+++
Heating capacity -7°C	kW	2.15	2.32	3.92	4.99
COP -7°C		2.91	2.81	2.80	2.50
Power supply	V / F / Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

INDOOR UNIT		KAY-26 DR8	KAY-35 DR8	KAY-52 DR8	KAY-71 DR8
Air flow	m <sup>3</sup> /h	486/433/329	550/490/360	810/720/550	1050/970/650
Sound pressure (Silence)	dB (A)	21	23	24	27
Width x Height x Depth	mm	717/302/193	805/302/193	964/325/222	1106/342/232
Net weight	Kg	7.5	8.2	10.8	14.3
Power wiring	mm <sup>2</sup>	From outdoor	From outdoor	From outdoor	From outdoor
Communication wiring	mm <sup>2</sup>	(4+T)x2.5	(4+T)x2.5	(4+T)x2.5	(4+T)x2.5

OUTDOOR UNIT		KAE-26 DR8	KAE-35 DR8	KAE-52 DR7	KAE-71 DR7
Compressor type		Rotary	Rotary	Rotary	Rotary
Outdoor airflow	m <sup>3</sup> /h	2000	2000	2100	2700
Sound pressure	dB (A)	55	55	57	59
Refrigerant		R-32	R-32	R-32	R-32
Refrigerant charge / Supplementary charge **	gr	700/12	800/12	1250/12	1600/24
Liquid pipe diameter	mm (Inch)	ø6.35 (1/4")	ø6.35 (1/4")	ø6.35 (1/4")	ø9.52 (3/8")
Gas pipe diameter	mm (Inch)	ø9.52 (3/8")	ø9.52 (3/8")	ø12.7 (1/2")	ø15.9(5/8")
Piping max. length	m	25	25	30	50
Pipe height difference	m	10	10	20	25
Width/Height/Depth	mm	770/555/300	770/555/300	800/554/333	845/702/363
Net weight	Kg	26.4	26.5	37	48
Power wiring	mm <sup>2</sup>	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5
Communication wiring	mm <sup>2</sup>	(4+T)x2.5	(4+T)x2.5	(4+T)x2.5	(4+T)x2.5

Note: Before installing these units, please check the standards in force in your country regarding the use of refrigerant gases.

\*\*Factory pre-charge for 5 metres of installation / Additional charge per metre added after 5 metres.

Working temperature range: -15°C to 50°C (Cooling) / -15°C to 30°C (Heating)