

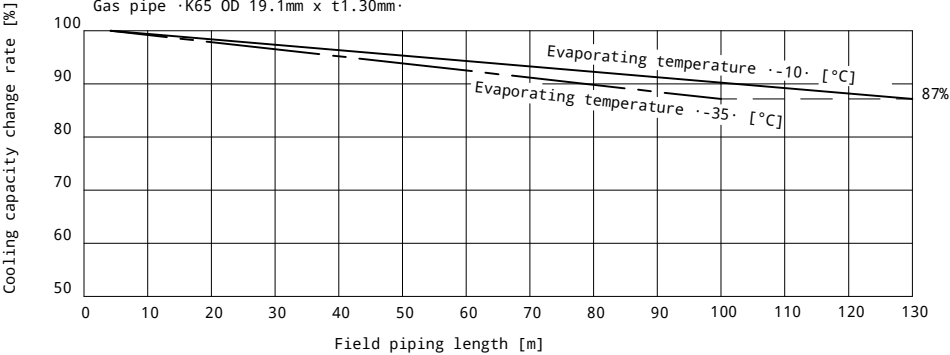
Cooling capacity

Q: Cooling capacity
W: Power input

Model name	Outdoor temperature [°C DB]	Evaporating temperature [°C]																			
		-40		-35		-30		-25		-20		-15		-10		-5		0		5	
		Q	W	Q	W	Q	W	Q	W	Q	W	Q	W	Q	W	Q	W	Q	W	Q	W
LREN8AY1	°C DB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
	20	8.26	6.59	12.0	9.37	14.2	9.58	15.9	9.60	17.6	9.68	19.2	9.04	20.8	8.6	22.2	8.26	23.6	7.73	25.1	7.59
	27	8.03	7.41	11.7	10.7	13.8	10.9	15.7	11.1	17.3	11.1	18.8	10.3	20.2	9.7	21.5	9.14	22.9	8.72	24.3	8.55
	32	7.59	7.99	11.2	11.6	13.4	11.8	15.1	11.9	16.8	12.1	18.3	11.2	19.8	10.7	21.0	10.2	22.2	9.81	23.4	9.48
	37	7.36	9.05	10.9	13.0	13.0	13.4	14.6	13.5	16.3	13.6	17.7	12.7	19.2	12.1	20.4	11.5	21.6	11.1	22.8	10.7
	38	7.13	8.97	10.5	13.0	12.4	13.1	13.9	13.1	15.3	13.1	16.6	12.2	18.5	11.9	18.7	11.8	18.9	11.8	19.1	11.7
	40	6.22	8.39	9.60	12.7	11.1	12.5	12.7	12.8	14.2	13.1	15.5	12.2	17.0	11.7	17.2	11.7	17.4	11.6	17.5	11.5
	43	6.02	9.60	8.99	12.8	10.3	13.7	11.6	13.9	12.7	13.9	13.9	12.9	15.8	12.9	16.0	12.8	16.2	12.8	16.3	12.7

Capacity in function of field piping length

Gas pipe ·K65 OD 19.1mm x t1.30mm·



Method of calculating the capacity of the outdoor units.

Cooling capacity = Value of capacity characteristics table · Q · [kW]
X

Cooling capacity change rate [%]

Notes

- 1.The capacities are based on the following conditions:
 - * Suction superheat ·10·K
 - * = Rated point
 - * When the set value of the evaporating temperature is less than ·-20· (°C), the connection equivalent piping length is ·100· m or less.