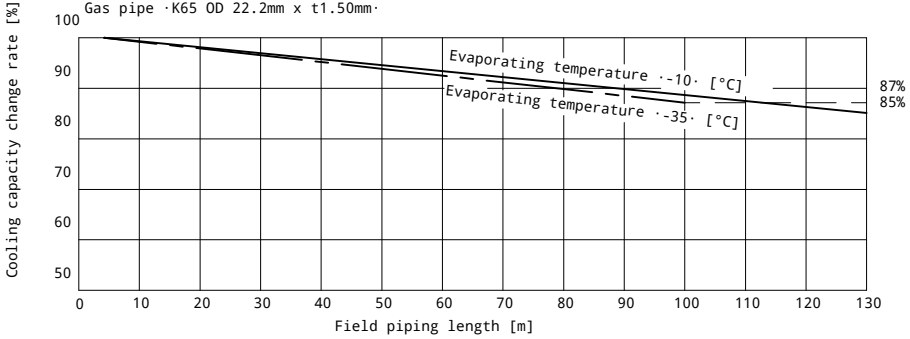
LREN12AY1B + LRNUN5AY1

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
	°C DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
LREN12AY1 + LRNUN5AY1	20	13.2	12.4	18.5	15.1	22.8	18.0	25.5	18.1	28.2	18.2	30.7	17.0	33.3	16.1	35.6	15.6	37.8	14.6	40.1	14.3
	27	12.8	14.0	18.0	17.3	22.1	20.5	25.1	20.8	27.6	20.9	30.1	19.5	32.3	18.2	34.5	17.2	36.7	16.4	38.8	16.1
	32	12.2	15.1	17.3	18.6	21.4	22.2	24.1	22.4	26.8	22.7	29.3	21.2	31.7	20.1	33.6	19.1	35.6	18.5	37.5	17.9
	37	11.8	17.1	16.8	21.0	20.8	25.2	23.4	25.4	26.1	25.7	28.4	23.9	30.8	22.7	32.7	21.7	34.5	20.9	36.4	20.2
	38	10.3	15.3	16.3	20.9	17.8	22.0	20.0	22.2	22.3	22.5	24.3	20.9	26.3	19.8	26.5	19.8	26.7	19.8	26.8	19.8
	40	10.0	15.8	13.8	19.1	17.1	22.7	19.3	23.0	21.5	23.2	23.4	21.6	25.4	20.5	25.6	20.5	25.8	20.5	25.9	20.4
	43	9.64	18.5	13.2	23.2	16.5	26.5	18.6	26.8	20.7	27.1	22.5	25.2	24.3	23.8	24.3	23.5	24.4	23.4	24.5	23.3

Capacity in function of field piping length



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.