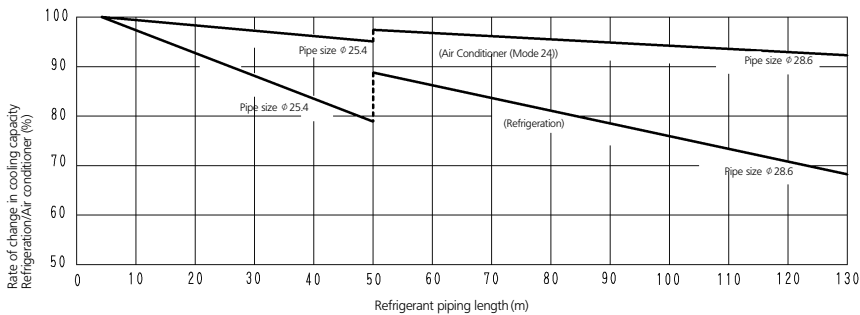


# LRYEQ16AY1

(Symbol) Q: Cooling capacity  
W: Power consumption

Model name	Operation mode	Operating frequency	Refrigeration / Air conditioner	Outdoor temperature	Evaporating temp. Range (°C)																
					-20		-15		-10		-5		0		5		10				
					Q	W	Q	W	Q	W	Q	W	Q	W	Q	W	Q	W			
LRYEQ16AY1	Mode 24	50Hz	Refrigeration	20	19.1	10.1	21.7	10.2	24.5	10.3	27.0	10.4	29.5	10.4	31.8	10.5	34.6	10.5			
			Air conditioner	20	16.0		15.5		15.8		15.7		15.6		15.4		15.3		15.3		
			Refrigeration	27	17.6	13.4	20.2	13.6	23.0	13.7	25.4	13.9	27.9	14.0	30.3	14.0	33.0	14.1	33.0	14.1	
			Air conditioner	27	15.1		14.5		14.8		14.7		14.6		14.5		14.4		14.4		
			Refrigeration	32	16.6	15.8	19.1	16.0	21.8	16.5	24.2	16.9	26.7	17.1	29.1	17.1	31.8	17.3	31.8	17.3	
			Air conditioner	32	14.2		14.1		14.0		13.9		13.8		13.7		13.7		13.6		
		Refrigeration	38	13.6	17.2	16.1	17.5	18.5	18.2	19.3	17.9	20.2	17.9	20.7	17.3	21.3	16.9	21.3	16.9		
		Air conditioner	38	13.6		13.5		13.4		13.3		13.2		13.1		13.0		13.0			
		Refrigeration	43	10.9	16.2	11.0	14.9	11.1	13.1	11.2	11.9	11.4	11.0	11.5	10.0	11.5	9.4	11.5	9.4		
		Air conditioner	43	13.2		13.1		13.0		12.9		12.8		12.7		12.6		12.6			
		Mode 29	50Hz	Refrigeration	20	19.9	7.07	22.7	7.12	25.4	7.12	28.2	7.25	30.9	7.30	33.7	7.32	36.5	7.36	36.5	7.36
					27	18.6	8.20	21.3	8.34	24.0	8.48	26.7	8.61	29.4	8.72	32.1	8.83	34.8	8.90	34.8	8.90
	32				17.5	9.49	20.2	9.73	22.8	9.97	25.4	10.2	28.1	10.4	30.8	10.7	33.5	11.0	33.5	11.0	
	38				16.2	10.5	18.7	10.8	21.2	11.1	23.8	11.5	26.3	11.8	28.9	12.2	31.5	12.7	31.5	12.7	
	43				14.6	11.6	17.0	12.1	19.4	12.6	21.9	13.5	24.2	14.0	25.7	14.0	27.7	14.0	27.7	14.0	
	43				14.6	11.6	17.0	12.1	19.4	12.6	21.9	13.5	24.2	14.0	25.7	14.0	27.7	14.0	27.7	14.0	

## Rate of change in cooling capacity by piping length



Calculating method of cooling capacity

**Cooling capacity = Reading value from cooling capacity table X Rate of change in cooling capacity by piping length**

Notes:

- Is specified point
- The condition of characteristics of the table
  - Suction . . . . . 10K
  - Equivalent length (Piping) . . . . . 5m
  - Level difference . . . . . 0m
  - Indoor humidity (Gas injection line) . . . . . RH95%
  - Indoor humidity (Air conditioner (Cooling)) . . . . . RH80%
- Consider decrease of capacity depended on frosting, and time of defrosting, please select larger model (about 15%)