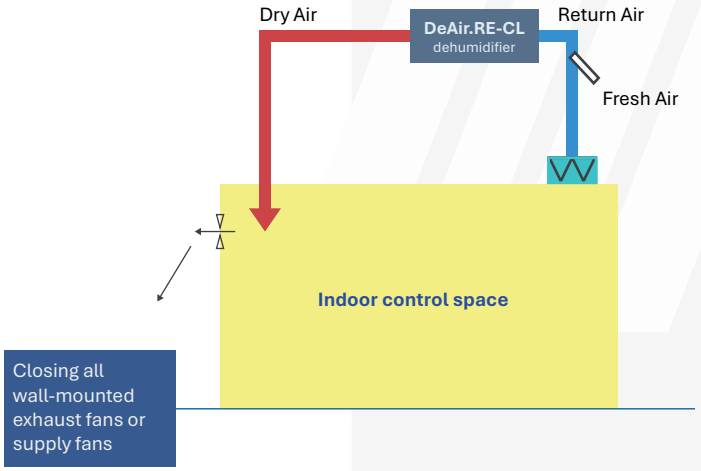
DeAir.RE

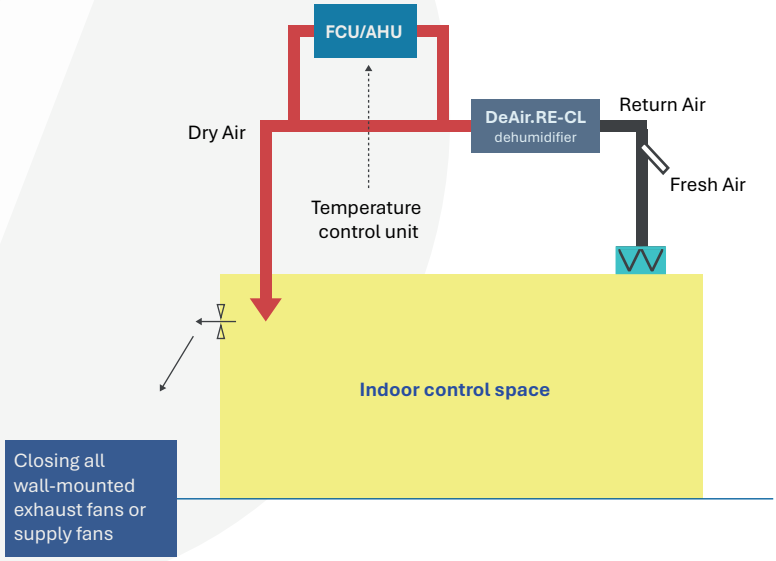
DeAir.RE-CL Ceiling-Mounted Heat-Pump Dehumidifier

Model	Dehumidification Capacity
DeAir.RE-60CL	60 kg/day
DeAir.RE-100CL	100 kg/day
DeAir.RE-150CL	150 kg/day
DeAir.RE-300CL	300 kg/day
DeAir.RE-600CL	600 kg/day

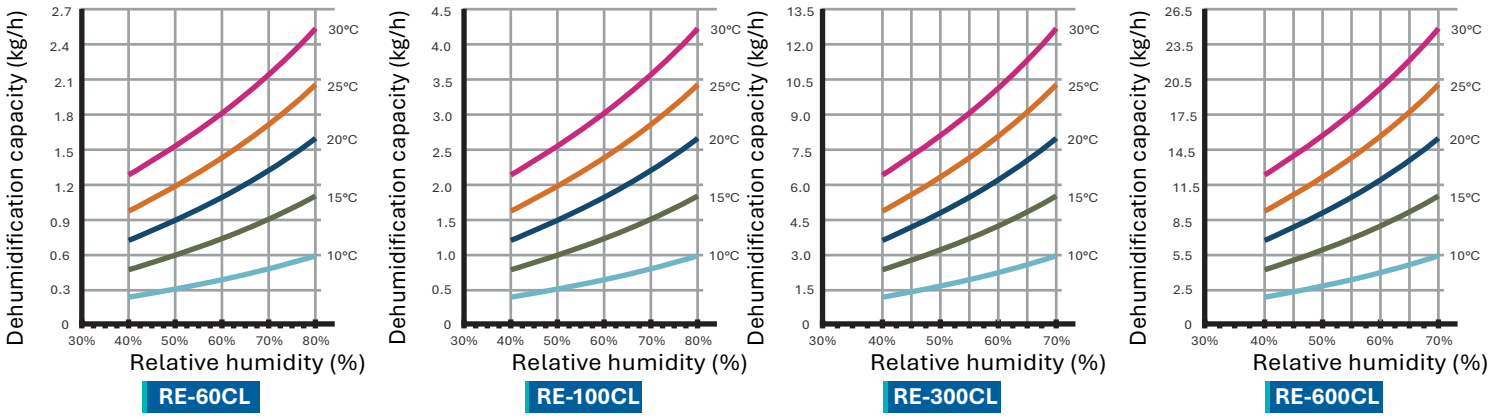
Product made in VIETNAM

Installation instructions





Dehumidification capacity chart



DeAir Joint Stock Company
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Branch: No. 29, Nhu Quynh St., Nhu Quynh Commune, Hung Yen Province

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DeAir.RE-CL Ceiling-Mounted Heat-Pump Dehumidifier

Product made in VIETNAM

Technical Specifications

Model		DeAir.RE-60CL	DeAir.RE-100CL	DeAir.RE-150CL
Operating Temperature	°C	15-40	15-60	15-40
Dehumidification Capacity @30°C/80%	kg/day	60	100	150
Airflow	CMH	500	1,200	1,500
Noise Level	dBA	45	57	57
Refrigerant Type		R32 / R134A		
Power Supply	V/Ph/Hz	220/1/50		
Power Consumption	kW	0.78	1.65	1.73
Dimensions (W x D x H)	mm	700x407x391	965x650x650	965x650x650
Weight	kg	42	51	61

Model		DeAir.RE-300CL	DeAir.RE-600CL	DeAir.RE-1000CL
Operating Temperature	°C	15-60	15-60	15-60
Dehumidification Capacity @30°C/70%	kg/day	300	600	1000
Airflow	CMH	3,000	6,000	12,000
Noise Level	dBA	59	65	
Refrigerant Type		R32 / R134A		
Refrigerant Charge	kg	1.9	4.3	
Power Supply	V/Ph/Hz	380/3/50		
Power Consumption	kW	5.85	9	18.4
Dimensions (W x D x H)	mm	1,220x1,010x800	1,220x1,390x800	2,230x1,100x900
Weight	kg	150	200	200

Unlike traditional floor-standing dehumidifiers, **ceiling-mounted Heat-Pump dehumidifiers** are specifically designed for fixed installation on the ceilings of large spaces. This design saves space and ensures even distribution of dry air, making them ideal for industrial environments like **factories, warehouses, laboratories, supermarkets, hospitals, hotels, and projects prioritizing aesthetics.**

The Heat-Pump technology in the **DeAir.RE-CL ceiling-mounted Heat-Pump dehumidifier** offers **superior energy savings** by reusing heat from the condensation process to reheat the dehumidified air.

* For dehumidifiers with a capacity of less than 150L/day, the duct length must be less than 3m. For dehumidifiers with a capacity of more than 150L/day, the duct length must be less than 5m.
* Industrial dehumidifiers operating in environments between 15-18°C must be equipped with an additional defrosting unit for optimal dehumidification.
* Noise level measured at a distance of 3m.

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