

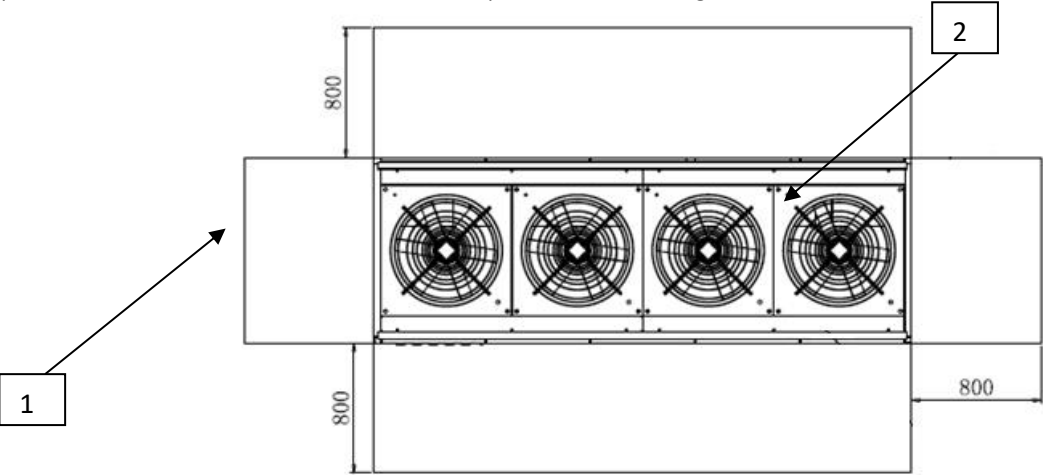
Specifications:

Items	Unit	MC/CH70E4P4R410.M
Nominal cooling capacity (1)	kW	72
Total input power (not including pump) (1)	kW	29
Power supply voltage	Rated	460~480V/3Ph/60Hz
The maximum input power	kW	40.5
The maximum input current	A	59.9
Startup current	A	105
Compressor	Quantity	4
Input power (1)	kW	24.3
Refrigerant		R410A
Filling of refrigerant	kg	7.0+7.0
Evaporator	n.	2
Flow	L/min	100
Volume of water tank	L	360
Pump	n.	2
Input power of pump	kW	2.2×2
Lift of delivery of water cooler	mH ₂ O	40
Fan	Quantity	4
Power	kW	4.4
Air volume	M ³ /h	32000
Dimensions		
Length	mm	2830
Width	mm	1040
Height	mm	1910
Net weight	Kg	930
Total weight	Kg	1290
Noise	dB(A)	75

Installation requirements:

3.1 Air Flow Considerations

The air inlets are at the right, left and rear side of chiller. The air outlet is on the top of the chiller. Airflow flow in and out of the unit will affect cooling performance. The minimum clearance of the machine is required when you plan the installation. The minimum service space is shown in Fig.3-1.



- 1. Reserved installation and repair space
- 2. Chiller

3.2 Installation Location Requirements

The chiller should be located in a well ventilated area with an average inlet temperature <math>< 1^\circ\text{C}</math>. Avoid installation in other heat sources (Such as air conditioning outdoor unit) blowing hot air position.

Avoid installation next to trees, the leaves maybe sucked into the condenser and affect the ventilation heat dissipation.

No pollution sources such as oil discharge or smoke chimneys near the chiller.

No obstruction within 3m above the chiller.

Chiller should be installed as far as possible to make the condenser wind inlet side to avoid the monsoon. Where it is essential to face strong monsoon, it recommended that the user build a windproof wall (plate), as Fig 3-2.

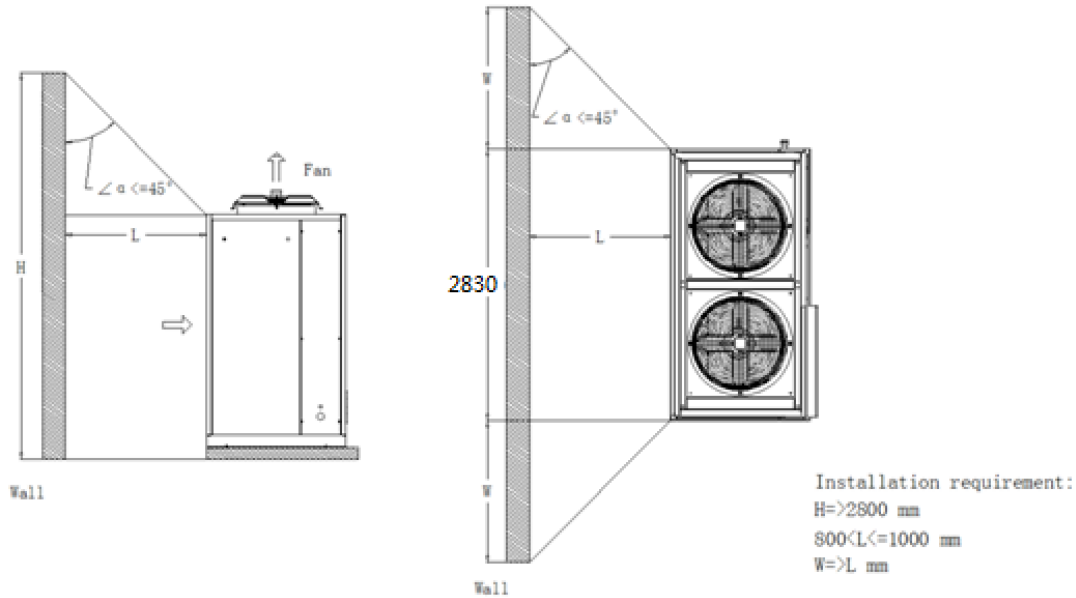


Fig 3-2 The distance between wall and chiller.

3.3 Concrete Ground Requirements

Concrete ground used for mounting the unit should be a level surface, which is 1/300cm max allowed and be properly supported to prevent sedimentation. A concrete made area of 310cm (122in) x130.0cm (51 in) at strength of minimum17.23MPa (2500 psi), 4 inches thickness recommended, is needed to place the chiller. Refer to Fig.3-1 for concrete dimension.

NOTE: The concrete footing should meet or exceed the local code requirements.