

COOLJetter® is a combined unit of a fan and nozzles that can blow Semi Dry Fog® further and wider by the fan air flow. Applicable over a wide range of use with non-wetting fog that other similar products don't have. The Large-size CLJ-590D is ideal for both cooling and dust suppression.



CLJ-590D in operation

COOL Jetter® driven by high-pressure pump

Product code	Dimensions			Nozzle		Spray capacity (ℓ/hr)		Fan ventilation (m³/min)	Power supply Power consumption	Noise level (dB)	Remarks
	Fan diameter Ø (mm)	W × L × H (mm)	Weight (kg)	Type	Quantity	3MPa	6MPa				
CLJ-300	300	420×480×800	10	LYOHM	8	13.6	18.8	79/87 (50/60Hz)	AC100V 80W	48/51 (50/60Hz)	Optional 60-degree oscillation
CLJ-370	370	642×468×736	26		12	20.4	28.2	75/90 (50/60Hz)	AC100V 400W	66/70 (50/60Hz)	•With casters •Elevation angle can be adjusted up to 35°.
CLJ-590D	590	830×545×975	76		36	61.2	86	320	AC200V (3-phase) 1500W	77	•With casters •Elevation angle can be adjusted up to 90°. •IP55 compliant Optional 90-degree oscillation

*Noise level is the mean value of those measured at 1.5m behind and both sides of the fan. *For CLJ-300 and CLJ-590D, shape of the fan base (foot) differs with or without optional features. *Adding the 90-degree oscillation option to the CLJ-590D base makes product code CLJ-590, which is IP44 compliant.



CLJ-300, CLJ-370 and CLJ-590D requires a high-pressure pump (optional). Select a suitable one from the chart to the right.

Pump unit selection chart

Product code	Electric power frequency in usage area	The maximum number of CLJs per pump									
		1	2	3	4	5	6	7	8	9	10
CLJ-300	50Hz	KRT20-05IK	KRT20-11K		KRT40-21K				KYZ75-41K		
	60Hz										
CLJ-370	50Hz	KRT20-05IK	KRT20-11K	KRT40-21K		KYZ75-41K				KYZ150-91K	
	60Hz										
CLJ-590D	50Hz	KRT40-21K	KYZ75-41K	KYZ150-91K			KYZ220-131K				Needs two or more pumps
	60Hz										

COOL Jetter® driven by low-pressure pump

- Simplified cooling unit with a slightly wetting fog
 - Pump and tank come equipped, only needs water and power supply to start operation!
 - Easy operation; just pour water into the tank and switch on.
 - Easy to move.
 - Oscillation feature to cover large area.
- *If you already have a fan, you can buy only the spraying unit (for CLJ-S-B only).



Product code	Dimensions			Nozzle		Spray capacity (ℓ/hr)		Fan ventilation (m³/min)	Power supply Power consumption	Remarks
	Fan diameter Ø (mm)	W × L × H (mm)	Weight (kg)	Type	Quantity	3MPa	6MPa			
CLJ-C300A	300	575×1048×1338	40 (without water)	LYOHM (CV 0.2)	6	7.2 (at 1.3MPa)		79/87 (50/60Hz)	AC100V 140W	60-degree oscillation •With dryness sensor •50L Water tank (for 6.5 hours continuous operation) •50/60Hz Electric power frequency changeover switch
CLJ-S-B (50Hz) (60Hz)	450	840×710×1300	12.5 (without water)					145/176 (50/60Hz)	AC100V 220W	90-degree oscillation •3 levels of airflow •20L Water tank (for 3 hours continuous operation)

*Please inquire with us if COOLJetter® for a different power voltage is required. *Specifications, dimensions and colors are subject to change without prior notice for purposes of product improvement.

Non-wetting Fog

- Cools off the summer heat in cities
- Provides energy-saving cooling for the heat island phenomenon
- Cools outdoor spaces at low costs
- Provides an outdoor cooling system

Semi Dry Fog® LYOHM SYSTEM

(Fine droplets of 20µm)



LYOHM SYSTEM is not the typical lightweight misting gadget; but an outdoor cooling system that can be (semi-permanently) installed as a part of the building structure.

"The Mist Engineers"
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What's the LYOHM SYSTEM?

A new kind of fog developed by the nozzle specialists

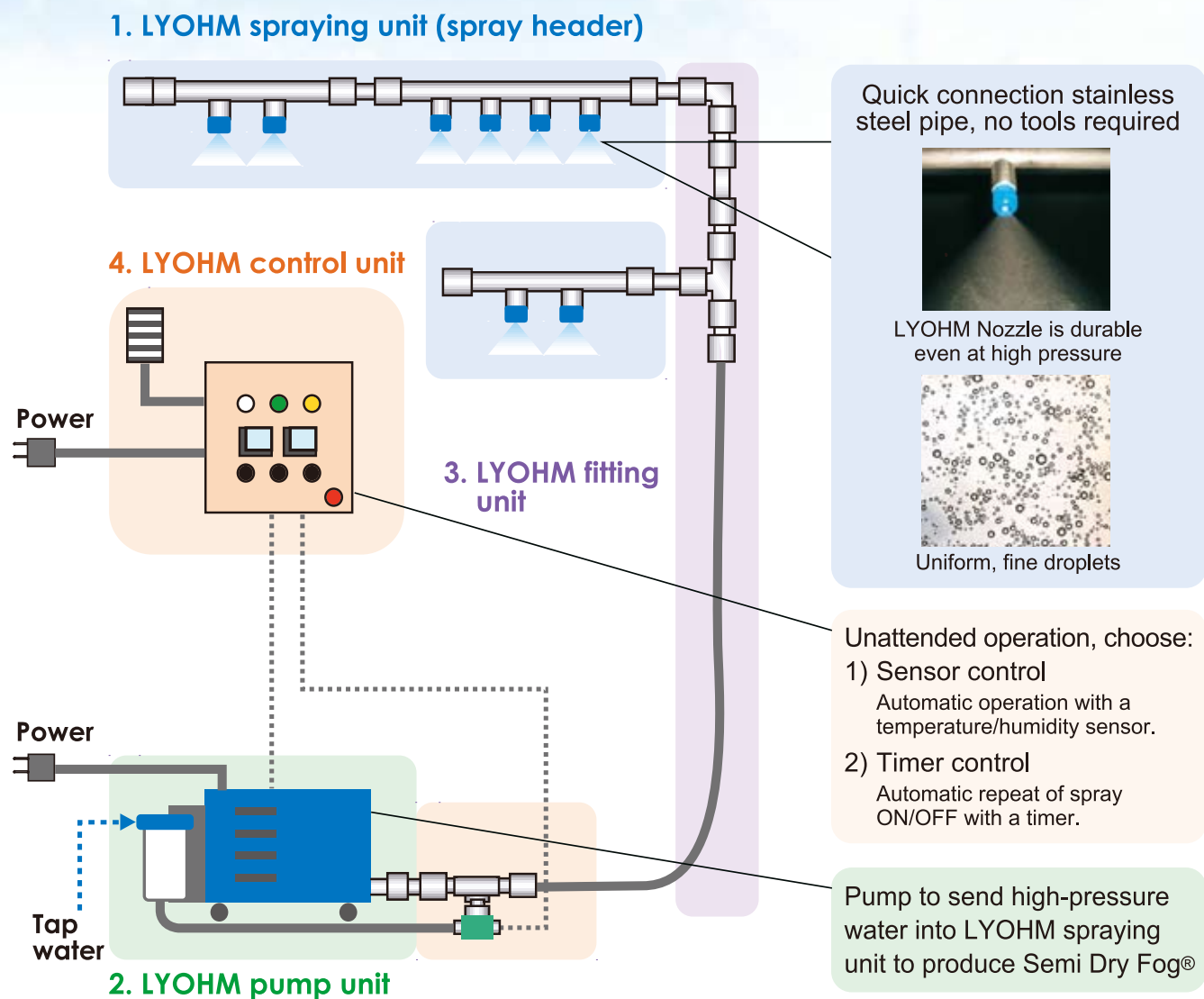
LYOHM SYSTEM is the cooling system that fights global warming by producing a large amount of non-wetting "Semi Dry Fog®" with its droplet size of 20-30µm (much finer droplets than those from spray bottle).

In summertime, by installing the header at 3-3.5m height, the system provides very effective cooling performance decreasing the temperature by 3-5°C at most affordable cost, without wetting road surfaces or passersby.

The centerpiece of the LYOHM SYSTEM:

LYOHM Nozzles spray uniform Semi Dry Fog® without streaking. LYOHM Nozzles are innovative, high-precision spray nozzles with high-purity alumina ceramic tips for high wear resistance.

Structure of the LYOHM SYSTEM



*The above flow chart is one example among many.

Installation Examples of LYOHM SYSTEM

In commercial facilities and outdoor restaurants



LOFT in Shibuya, Tokyo (shopping center)



TENMAYA in Okayama (department store)



Restaurant "Amalfi Della Sera"

In outdoor events in summer



Shibuya ward office



IAAF World Championships in Athletics, Osaka 2007



Event "Waku Waku Takarajima"

In train stations, platforms



Universal City station



Hiroshima station



Kure station

For creating cool spots in sport facilities, zoos, outside sports



Arima Royal Golf Club



Tennoji Zoo



Nagai Botanical Garden