

Pump units

COOLJetter® CLJ-300-KU and CLJ-590D-K (CLJ-590-KU) require pump units for use.



IKE series

A high-pressure misting pump for increasing the pressure of the supply water to atomize it to a fine mist. IKE series pump is included in the COOLKIT-D series.

Specifications of KE11-03IK

Dimensions (W x D x H): 212×356×233 mm

Weight: 8.5 kg

Max. operating pressure: 6.0 MPa

Max. discharge volume: 18.0 L/hr

Power supply: 100–240 VAC

Motor capacity: 110 W

Includes:

- Pressure gauge
- Low water level sensor
- Time integrator
- Intermittent operation time control

The pumps in photos may differ from the actual products.

► Pump Unit Included

The products below include a pump unit.



CLJ-CSA

► Pump Unit Required

The products shown below do not include a pump unit. Please provide the appropriate pump for operation. For further details, please contact us.



CLJ-300-KU



CLJ-590D-K, CLJ-590-KU

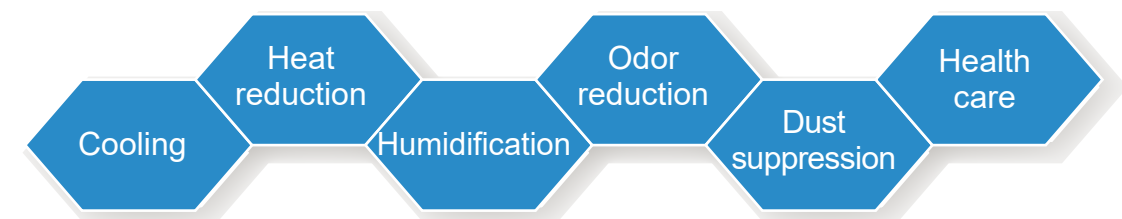
Fog + Fan Cooling Unit

COOLJetter®

Easy-to-use, energy-efficient cooling unit produces Semi-Dry Fog, which is dispersed over a larger area using a fan. Ideal for a wide range of uses including cooling, humidification, and dust suppression.

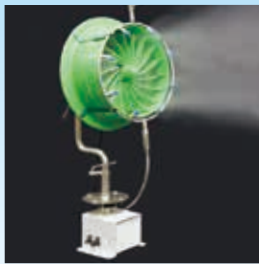


Please feel free to send any inquiry, request for information to the contact below.



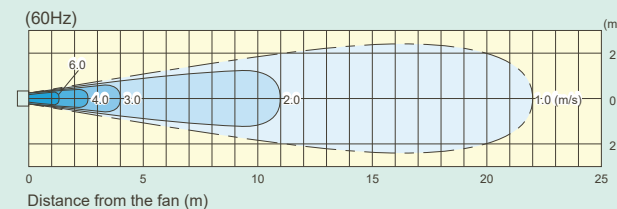
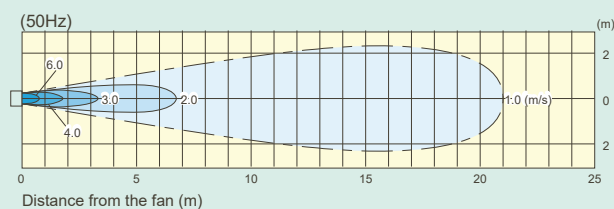
Small-Medium Scale Space Cooling

Large Scale Space Cooling

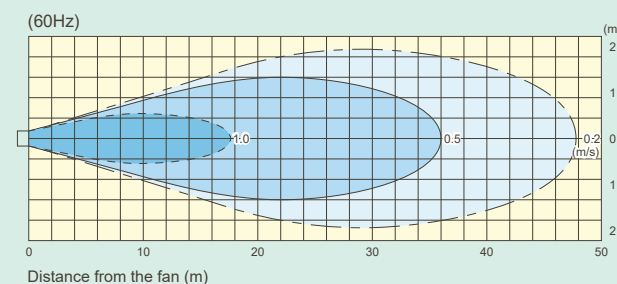
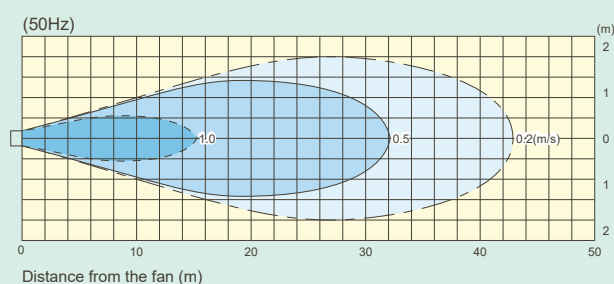
		D.I.Y., easy installation		Ready-to-use, unit type		Pump required			Large Space Cooling System								
Product name		Free range of installation COOLKIT-A & D		If an electric fan is at your hand CLJ-S-E		Portable cart type CLJ-CSA		Where quiet sound is required CLJ-300-KU		For large scale space cooling and dust suppression CLJ-590D-K		For large scale space cooling and dust suppression CLJ-590-KU (Made-to-Order) CLJ-590-KU is CLJ-590D-K with the oscillation function (available with 15°, 30°, and 45°).		Operation of 2 or more CLJ series CLJ-Dome			
		 Photo shows COOLKIT-D		 Discontinued													
Fan		No fan		Included		Included		Included		Included		Included		Depends on installation conditions			
Fan diameter (mm)		—		450		450		300		590		590		Depends on installation conditions			
Nozzle quantity		5 for OOLOKIT-A, 8 for COOLKIT-D		6		6		8		36		36		Depends on installation conditions			
Dimensions (mm)		Depends on installation conditions		W840×D740×H1170 (–H1280)		W575×D1020×H1320 (–H1400)		W420×D410×H930		W800×D680×H1010		W1050×D680×H1180		Depends on installation conditions			
Weight (kg)		Depends on installation conditions		15 (w/o water)		44 (w/o water)		12		80		90		Depends on installation conditions			
Power supply		100–240 VAC for COOLKIT-D		100 VAC		100 VAC		100 VAC		200 VAC (3-phase)		200 VAC (3-phase)		Depends on CLJ models			
Spray capacity (L/hr)	Fan ventilation (m³/min)	Reasonable fog COOLKIT-A  Tap water direct pressure, w/ 5 nozzles		High quality fog COOLKIT-D  High-pressure pump, w/ 8 nozzles		 Fan ventilation 165/186 at 50Hz/at 60Hz		 Fan ventilation 165/186 at 50Hz/at 60Hz		 Fan ventilation 79/87 at 50Hz/at 60Hz		 Fan ventilation 320 at 50Hz/at 60Hz		 Fan ventilation 320 at 50Hz/at 60Hz		Cooling system for indoor large-scale facilities. For details please contact us. 	
Necessities for operation		 Power supply*  Water supply  Pump *Only for COOLKIT-D (including a pump)		 Power supply  Water supply  Pump		 Power supply  Water supply  Pump		 Power supply  Water supply  Pump		 Power supply  Water supply  Pump		 Power supply  Water supply  Pump		 Power supply  Water supply  Pump			
Main features		D.I.Y., easy installation Tap water direct connection Note: •The spray capacity (flow rate) varies depending on tap water pressure. •COOLKIT-D offers Semi-Dry Fog spray.		No installation work w/ Pump, water tank (20L tank) Low water level sensor Oscillation (75°) Tap water direct connection* *Option		No installation work w/ Mobile cart Low water level sensor Oscillation (75°) Intermittent operation time control Time integrator w/ Pump, water tank (50L tank) Tap water direct connection* *Option		Quiet sound Oscillation (60°) Adjustable elevation angle (max.30°) The spraying unit is available for purchase separately.		Fan motor: Dust- and water-proof (IP55) Adjustable elevation angle (max.90°) w/ wheels		Fan motor: Dust- and water-proof (IP) Adjustable elevation angle (max.90°) w/ wheels 3-level Oscillation (15°, 30°, and 45°)		Large area cooling System control Low operating cost, energy savings Minimal CO ₂ emission Easy operation			

Wind Speed Distribution and Reach Distance

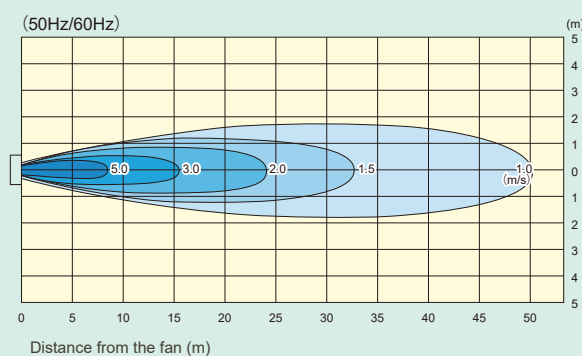
CLJ-CSA



CLJ-300-KU



CLJ-590D-K, CLJ-590-KU



COOLJetter Installation Examples

