

**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**

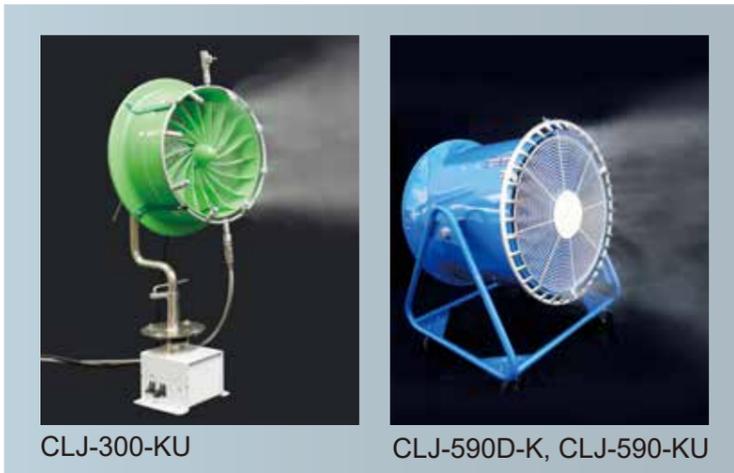
The products below include a pump unit.



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.



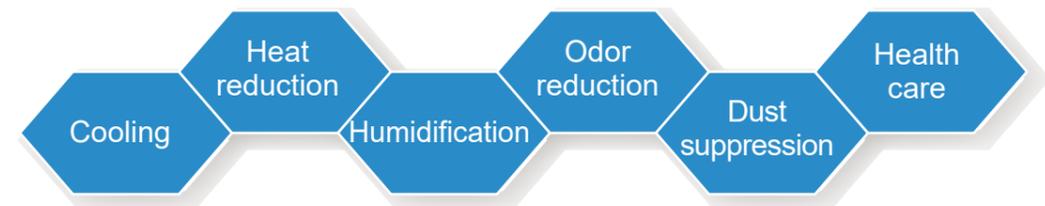
CLJ-300-KU

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

**Fog + Fan Cooling Unit**

**COOLJetter®**

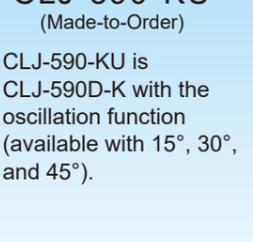
Easy-to-use, energy-efficient cooling unit produces Semi-Dry Fog, which is dispersed over a larger area using a fan. Ideal for a wide range of uses including cooling, humidification, and dust suppression.



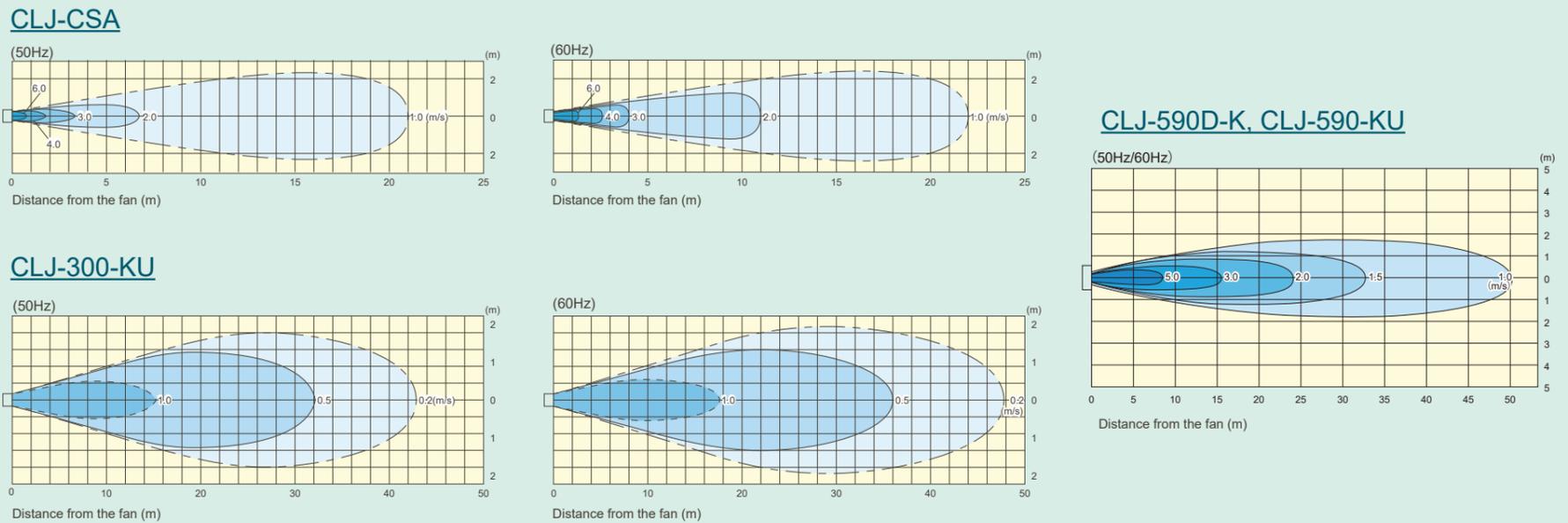
Please feel free to send any inquiry, request for information to the contact below.

# 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 <b>COOLKIT-A &amp; D</b>  Photo shows COOLKIT-D	If an electric fan is at your hand <b>CLJ-S-E</b> <i>Discontinued</i> 	Portable cart type <b>CLJ-CSA</b> 	Where quiet sound is required <b>CLJ-300-KU</b> 	For large scale space cooling and dust suppression <b>CLJ-590D-K</b> 	For large scale space cooling and dust suppression <b>CLJ-590-KU</b> (Made-to-Order) CLJ-590-KU is CLJ-590D-K with the oscillation function (available with 15°, 30°, and 45°). 	Large Space Cooling System Operation of 2 or more CLJ series <b>CLJ-Dome</b> 
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 (m <sup>3</sup> /min)	Reasonable fog COOLKIT-A Spray capacity 19.5 at 0.2MPa Tap water direct pressure, w/ 5 nozzles High quality fog COOLKIT-D Spray capacity 17.0 at 6MPa High-pressure pump, w/ 8 nozzles	Spray capacity 6.4 at 1.3MPa Fan ventilation 165/186 at 50Hz/at 60Hz	Spray capacity 14.2 at 6MPa Fan ventilation 165/186 at 50Hz/at 60Hz	Spray capacity 18.9 at 6MPa Fan ventilation 79/87 at 50Hz/at 60Hz	Spray capacity 85 at 6MPa Fan ventilation 320 at 50Hz/at 60Hz	Spray capacity 85 at 6MPa 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 <small>*Only for COOLKIT-D (including a pump)</small>	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, Low water level sensor, w/ Pump, water tank (20L tank), Oscillation (75°), Tap water direct connection* <small>*Option</small>	No installation work, Low water level sensor, w/ Mobile cart, Oscillation (75°), Intermittent operation time control, Time integrator, w/ Pump, water tank (50L tank), Tap water direct connection* <small>*Option</small>	Quiet sound, Oscillation (60°), Adjustable elevation angle (max.30°)	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 <sub>2</sub> emission, Easy operation

## Wind Speed Distribution and Reach Distance



## COOLJetter Installation Examples

