Cooling system for indoor large-scale facilities

COOLJetter® Dome

Cool down large scale facilities effectively with 20-30μm Semi-Dry Fog®!

By Semi-Dry Fog®

- Large space cooling
- Low operating cost, Energy savings
- Minimal CO₂ emission
- Easy operation

Cools effectively even in large-scale spaces including buildings with open doorways and semi-enclosed areas.

Running cost is only 1/10 that of standard air conditioning.

Sprays large volume of Semi Dry Fog® with 20-30μm droplet diameters.

Efficient, widespread cooling effect, reaching as far as 50m with a large fan.

- Energy saving
- Non-wetting
- Wide coverage

Minimal CO₂ emission

Because almost no waste heat is generated, the unit is suited to CO₂ Emission Control.

Requires only a power source and tap water to start operation.

For details, please inquire with your local sales representative.

IKEUCHI SHANGHAI CO., LTD.
Room C, 21/F, Electrical & Mechanical Bldg., 600 Hengfeng Road, Shanghai 200070, P. R. China
Tel: 86-21-6140-9731 Fax: 86-21-6123-4239 E-mail: info@ikeuchiusa.com
URL: http://www.ikeuchiusa.com/

IKEUCHI USA, INC.
8110 Beckett Center Drive, West Chester, OH 45069 USA
Tel: 1-513-942-3060 Fax: 1-513-942-3064 E-mail: info@ikeuchiusa.com
URL: http://www.ikeuchiusa.com/

IKEUCHI EUROPE B.V.
Asterweg 17 A6, 1031 HL Amsterdam, The Netherlands
Tel: 31-20-820-2175 Fax: 31-20-820-2176 E-mail: info@ikeuchieurope.com
URL: http://www.ikeuchieurope.com/

IKEUCHI TAIWAN CO., LTD.
11F-1, No. 27, Sec 1, Chung Shan N Rd., Taipei, 10441 Taiwan, R.O.C.
Tel: 886-2-2541-6399 Fax: 886-2-2541-6398 E-mail: sales@ikeuchi.com.tw
URL: http://www.ikeuchi.com.tw/

IKEUCHI TAIWAN CO., LTD.
IKEUCHI TAIWAN INDUSTRY CO., LTD.
Ruko Easton Jalan Guntur Panderkian Blok E No.9, Lippo Cikarang Kel. Cibatu Kec., Cikarang Selatan
Bekasi 17550 Indonesia
Tel: 62-21-2509-3247 Fax: 62-21-2509-3248 E-mail: sales@ikeuchi.co.id
URL: http://www.kirinoikeuchi.co.jp/
Operating Cost per month is USD 577.50

1. Condition
   1) Spray Volume: 0.508 m³/hr (6 units)
   2) Operating time: 10hrs x 25days
   3) Electricity unit cost: USD 0.12/kWh
      Water unit cost: USD 1.5/m³

2. Electricity Cost
   1) Consumption: 1.5kW (Pump Unit), 11.4kW (Fan)
      Cost: USD 387/month
      = 12.9kW x 10hrs x 25days x USD 0.12

3. Water Cost
   1) Spray Volume: 127 m³/month
      Cost: USD 190.5/month
      = 127m³ x USD 1.5

COOLJetter.Dome is an energy-saving system with minimal operating cost!

Even if the place to be cooled is a large-scale facility (floor area approx. 4000m²)

Customer's Voice
- Improved our working environment!
- Dropped work area temperature by 2 to 3 deg C.
- We need more units for other sites!
- One unit can provide cooling coverage over a wide area!