

BAGEN





COMPANY PROFILE

As a professional supplier of high quality bathroom fog free mirror and LED backlit mirror, Shanghai Bagen Electronic Science & Technology Co., Ltd is specialized in designing and manufacturing bathroom mirror defogger, fog free mirror, and different kinds of LED mirrors for luxury hotels since 1999.

With so many years focus on this products, BAGEN accumulated a wealth of experience which can ensure BAGEN products are not only beautiful, high quality, but also have the feasibility and convenience in manufacture, installation and maintenance.

BAGEN company has been ISO 9001 certified and BAGEN products have gone strict tests by CE, UL, IP65, RoHs, SAA, PSE; we has our own patented technology and we have strong R&D capabilities, we can offer client high quality customized products. In past 21 years, BAGEN supplied for over 1300 five star hotels and luxury residential buildings around the world, over 500,000 pcs BAGEN defoggers are installed in family bathroom decorations every year.

BAGEN fog free mirrors and Backlit mirrors have been hotels' preferred choice, and BAGEN is recognized for its professionalism by International Hotel Management Groups such as Marriott, Hilton, InterContinental, Starwood, Hyatt, Accor, etc.



BAGEN MIRROR DEFOGGER

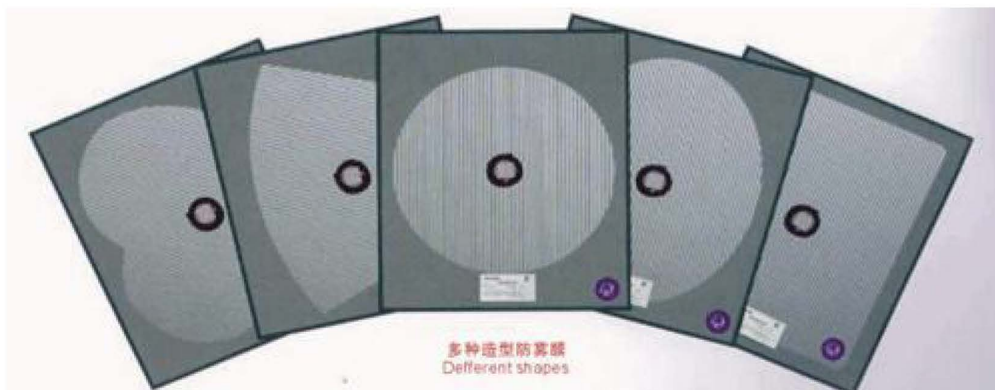
Technical Specification

I Working principle

Bagen mirror defogger effectively transforms electricity power into heat energy, and then passes directly on mirror to heating up the mirror surface, warm up the mirror to a comfort temperature by the special rated power, which prevents the mirror surface from condensation of steam in bathroom effectively.

II Size and Energy consumption of defogger

The size of defogger can be customized to meet your special demands.



1. Rectangular mirror defogger



Series I :Rectangular

Code	Size		Power rating(watt)	Energy consumption (kw.h)
REW-1624	400mmx600mm	(16"x24")	46	0.046
REW-1826	450mm×650mm	(18"× 26")	57	0.057
REW-2432	600mm×800mm	(24"× 32")	96	0.096
REW-2436	600mm×900mm	(24"× 36")	108	0.108



REW-3040	750mm×1000mm	(30"× 40")	150	0.15
REW-3448	850mm×1200mm	(34"× 48")	204	0.204
REW-4052	1000mm×1300mm	(40"× 52")	260	0.26
REW-4860	1200mm×1500mm	(48"× 60")	360	0.36

2、Oval mirror defogger



Series II : Oval				
Code	Size		Power rating(watt)	Energy consumption (kw.h)
OW-1624	400mm×600mm	(16"×24")	36	0.036
OW-1826	450mm×650mm	(18"× 26")	45	0.045
OW-2432	600mm×800mm	(24"× 32")	76	0.045
OW-2436	600mm×900mm	(24"× 36")	87	0.087
OW-3040	750mm×1000mm	(30"× 40")	123	0.123
OW-4048	1000mm×1200mm	(40"× 48")	201	0.201
OW-4852	1200mm×1300mm	(48"× 52")	218	0.218

3、Round mirror defogger





Series III : Round				
Code	Size		Power rating(watt)	Energy consumption (kw.h)
ROW-1515	380mm×380mm	(15"× 15")	20	0.02
ROW-2020	520mm×520mm	(20"× 20")	41	0.041
ROW-2525	640mm×640mm	(25"× 25")	65	0.065
ROW-3131	780mm×780mm	(31"× 31")	99	0.099
ROW-3535	880mm×880mm	(35"× 35")	127	0.127
ROW-4040	1000mm×1000mm	(40"× 40")	166	0.166
ROW-4444	1100mm×1100mm	(44"× 44")	202	0.202
ROW-4848	1200mm×1200mm	(48"× 48")	243	0.243

III Feathers of defogger

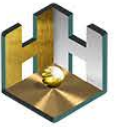
1. **Light and thin:** the thickness film is 0.4mm, this thickness guarantees the effective transfer of energy.
2. **Energy saving:** the defogger is with full backing self-adhesive glue, this ensures effective energy conduction.
3. **Safely to use:** all the defoggers are manufactured by excellent raw materials according to international standard. The finished product quality conforms to the corresponding international standard. The back self-adhesive glue is not only good for heat conducting, but also prevent water from mirror. And it's safe to use in moist bathroom.
4. **Various options:** the heating area of the defogger is made in different shapes and sizes such as rectangular, oval, round etc. This not only plays the role of mirror demising but also meets the personal requirement of creating a more comfortable and beautiful environment.
5. **Easy to install:** the defogger with self-adhesive backing glue is easy to install on mirror and works effectively.

IV The Specification of Bagen Mirror Defogger

Product thickness: 0.4mm

Voltage: 12V, 24V, 110V, 220V, 230V, 240V

Power rating: 1.8-2.5W/d m²



Temperature rise: 12-25°C

V Bagen Mirror Defogger has been gone through strict tests by CE, UL, RoHS, SAA, PSE, IP65.

VI **Warranty:** 5 years warranty offered. Your warranty will be in effect as long as the requirements for the installation are met with our installation instruction.



Parts of Engineering Achievements

Atlantis The Palm Dubai	Ritz-Carlton Dubai
B&Q Hotel Dubai	Bavaria Executive Suites Dubai
Al Ghurair City Expansion Dubai	Pallazo Vesace Hotel, Dubai
Astoria RAK Dubai UAE	Hilton Ras Al Khaimal, UAE
Astoria RAK Dubai UAE	Crowne Plaza Madinah Saudi Arabia
Sheraton Saudi Arabia	Shangri-La's Eros Hotel, New Delhi, India
KENZI - JEDDAH Saudi Arabia	Pan Pacific Sonargaon Hotel Saudi Arabia
Sheraton Hotel, Dushanbe, Tajikistan	Radisson SAS Hotel Kazakhstan
Singapore Marriott Tang Plaza Hotel	One Farrer Hotel & Spa Singapore
Shenton Way Service Apartment Singapore	Sofitel Hotel at Darling Harbour, Sydney Australia
St. Regis Hotel Singapore	728# Connexion Hotel Singapore
No 7 Ardmore Park Singapore	The Westin Singapore
Capitol Hotel Singapore	Hotel Jen Singapore
Suntec City Singapore	Carlton Hotel Singapore
A7 storey hotel Singapore	Stamford Singapore
South Beach Hotel Singapore	Galaxy Hotel Macau
Rixos Hotel - in Sharm Shiekh, Egypt	Tahrir Square hotel, Egypt
Intercontinental Hotel, Huahin, Thailand	SK hotel Thailand
Hilton hotel London	Eurotraveller Hotel UK
Winford Manor Bristol UK	NEO Bankside London



Trump International Hotel & Tower Vancouver, Canada	Quality Hotel Parkway Convention Centre, Ontario, Canada
Hilton Rockville, Maryland, USA	Westin Tysons Corner, USA
Fountaine Bleau Resorts, Miami, USA	Hotel Grace - A Piece of Pineapple Hospitality
Miyako Hotel Los Angeles USA	Homewood Suites by Hilton Gaithersburg/Washington, DC North
Hawthorn Suites in McAllen, Texas, USA	DoubleTree Hotel Virginia, USA
Residence Inn Austin-University Area, USA	Days Inn Penn State, USA
Hotel Indigo beachwood Ohio, USA	SpringHill Suites by Marriott, Plano, Texas, USA
Hampton Inn Chicago Downtown/Magnificent Mile, USA	SpringHill Suites by Marriott, Orlando, Florida, USA
Holiday Inn Hubbard Lake, Texas, USA	Sanctuary Camelback Resort&Spa, PHOENIX, AZ, USA
Springhill Suites in Wisconsin, USA	Springhill Suites in Oklahoma City, USA
DoubleTree by Hilton Cocoa Beach Oceanfront, USA	Springhill Suites in Milwaukee, WI, USA
Fairfield Inn Plano Texas, USA	Holiday Inn Austin NW Arboretum Area, USA
Holiday inn Springfield, USA	Residence inn by marriott, Murrieta, USA
Weiligama Bay Marriott Resort&Spa Sri Lanka	Radisson Blue Yerevan, Armenia
Salmiya Hotel Kuwait	CORNICHE Rosewood Hotel, Dhaka, Bangladesh
GBU VILLE Indonesia	Fox Golden Crown Restaurant Australia
Marriott Hotel, Chile	Holiday Inn de Iquique Chile
Punta de Aguila Lo Barnechea in Santiago - Chile	Hotel Atton Vitacura in Santiago – Chile
Hotel Iberostar Daiquirí. Cayo Guillermo Cuba.	Shiraz Ground Hotel Iran
Tehran Ground Hotel Iran	Pars Ahvaz Hotel, Iran
Tehran International Tower Iran	Fairmont Amman Hotel Jordan
Duqm Beach Hotel Oman	Millennium Resort Mussanah Oman
Sheraton Oman	Crowne Plaza Duqum Oman
Radisson BLU hotel Muscat Oman	Palace Heights, New Delhi, India
The Pride Hotel - Aerocity, New Delhi, India	Crowne Plaza Hotel Rohini, Delhi, India
Hilton Residence Bangalore, India	Taj GVK Hotel at Mumbai Domestic Airport, India
Fortune Hyderabad India	Palace Heights India
Hilton Garden Inn, Trivandrum, India	JW Marriott Hotel, Chandigarh, India
Fortune Park India	Sun-n-Sand Hotel, Mumbai, India
JW Marriott Hotel, Mumbai, India	Shekhar Resorts, Agra, India
Crown Plaza Hotel Ahmedabad, India	Westin Pune Koregaon Park Hotel India
Howard Johnson, Bangalore, India	Novotel Kolkata, India
Rockwood hotel, Mumbai, India	Residency Hotel, Coimbatore, India
Radisson Blu Hotel Chennai City Center, Chennai, India	Double Tree Hotel Agra, India
Raffles Hotel, Makati, the Philippines	Shangri-La Hotel at the Fort, Manila project
New Sheraton Hotel Manila, Philippines	Shangri-la's Rasa Ria Resort Pantai Dalit, Sabah, Malaysia
Grandis Hotels&Resorts SDN.BHD at Kota Kinabalu Sabah Malaysia	Double Tree Hotel JB, Malaysia
Intercontinental Hotel & Apartment Qatar	Dolce La Hulpe Germany
Le Richemond Roccoforte hotel Geneva	Bayerischer Hof, Munich, Germany



Hilton Hotel Egypt	Hilton located in King Maryout, district Alexandria
Marriott Hotel Sahl Hashesh Egypt	Le Meridian Hotel at Cairo international airport
Djibouti Kampinski Hotel	Marriot hotel in Ethiopia
Yak & Yeti Hotel Nepal	OCEAN BLUE Colombia
Aggie Greys Hotel, Samoa	Soaltee Hotel Nepal
Golden Palace Hotel Resort & Spa GL Armenia	The Empire Hotel & Country Club Brunei Darussalam
Capri Hotel,Australia	Marsa Malaz Hotel at TPQ
Shangri-La Hotel at Kowloon Hongkong	GATEWAY hotel by Taj, Kakkanad, Cochin, India
Sheraton Bangalore	The Pullman Hotel in Mandalay, Myanmar
Intercontinental Phu Quoc,Vietnam	Omran Hotel Oman
Raina Hotel in Riga Latvia	Novotel the Pines, Singapore
Hotel rifurain Janpan	Hotel Yonekyu Janpan
Feathers Hotel Chennai, India	Sheraton Hotel Bangalore
Hotel the Beach,Goa,India	Waldorf Astoria Hotel Bangkok,Thailand
Jodp villa S2 dtd Saudi Arabia	Jodp villa Saudi Arabia
Haven Villas and Haven Villas 1 in Jumeirah Village Circle, Dubai, United Arab Emirates	
Four Points Orlando,Florida	Sentosa Hotels Singapore
Millennium Hilton Hotel Bangkok Thailand	Yotel Hotel Singapore
DoubleTree by Hilton Resort & Spa Marjan Island UAE	Shangri-La, The Marina Cairns Australia
Project SMPH Indonesia

BAGEN

Exclusively by:



**HÄRLE HOSPITALITY
EQUIPMENT PHILS., INC.**

Unit 408 SEDCCO1 Building, 120 Rada corner Legazpi Streets
Legazpi Village, Makati City 1229, Philippines
Telephone No. (632) 8-892-8989 / (632) 8-553-8988
Fax No. (632) 8-892-1688
Website: www.harlephils.com E-Mail: sales@harlephils.com