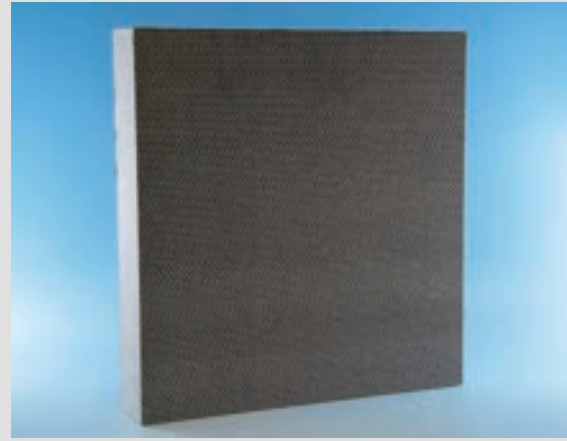
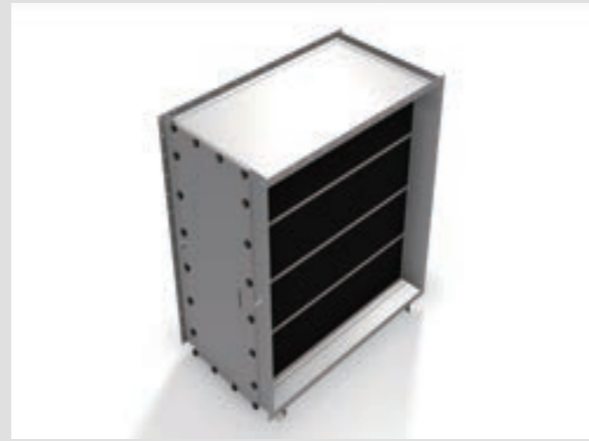


Product



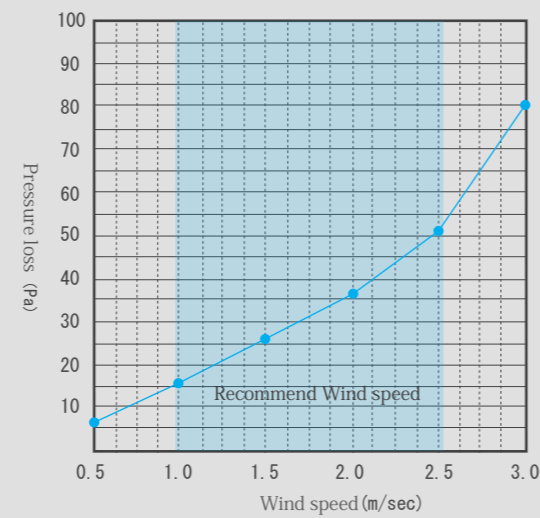
Case



Zeogaia filter specification

Material	Seramic inorganic fiber filter
Size	300×300×60 t
Volume	3.09lb / sheet
Wind speed	1 ~ 2.5m/sec
Recommend temp	41 ~ 140°F
Pressure loss	16 ~ 52Pa

Pressure loss



Company profile

- 1991 Karumoa Co., Ltd established
- 1992 Launch of odor sensor "KALMOR_Ω" for measurement of odor
- 1993 Launch of oxygen cluster device "ionair" for sterilization and deodorant
- 1994 Launch of special absorbent "Kalmor cera-block" for galley
- 1995 We started "cost reduction business" with Ozone
- 2001 We started "proservice" are the property of intangible
- 2003 We started deodorizing business of industry
- 2005 Provided service in Asia
- 2010 We started angler' s social network-service "fimo"
- 2011 We founded a group company of KALMOR , "Blue Blue"

World Wide Network



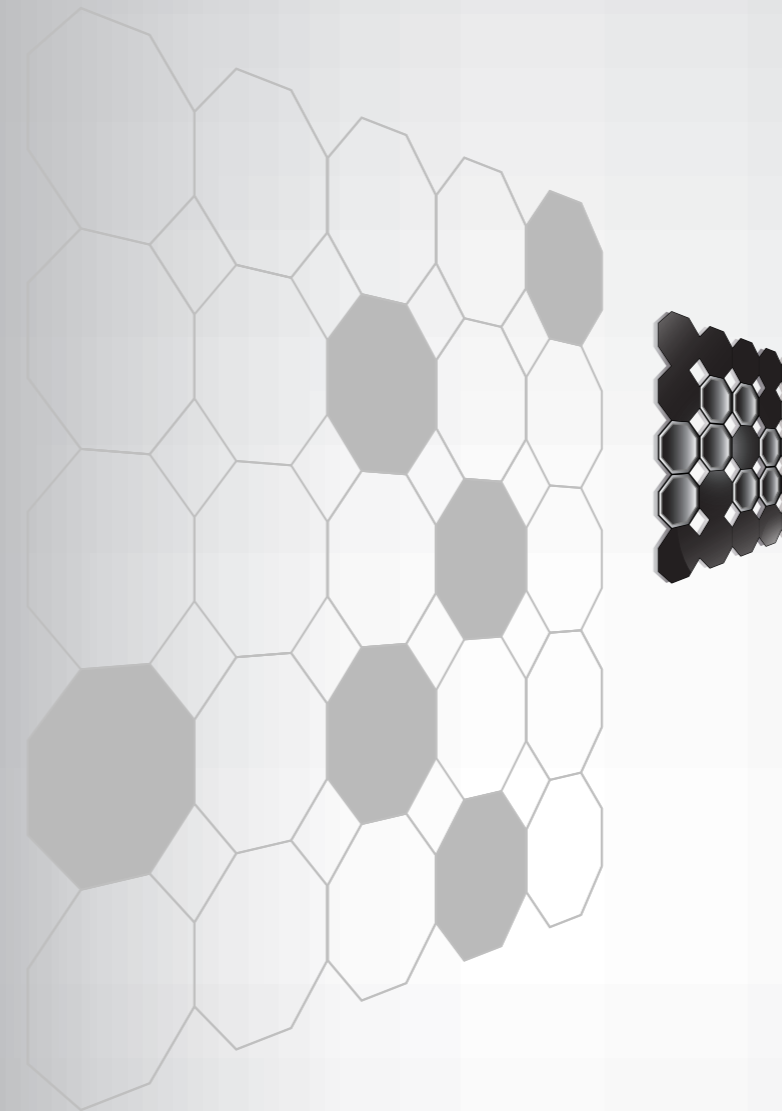
Japanese Quality made in **KALMOR[®]**

Selling agency

Corporate Name Karumoa Co., Ltd.
 Headquarters 2-9-5, Shinkawa, Chuo-ku, Tokyo 104-0033 Japan
 Tel (+81)3-5540-5851
 Fax (+81)3-5540-5852
 Osaka Office Tel (+81)6-6105-1402
 Fukuoka Office Tel (+81)6-6105-1402
 Established (+81)April 2, 1990

Agency

KALMOR[®]



ZEOGAIA CERAMIC FILTER
ZEOGAIA[®]

ZEOGAIA CERAMIC FILTER

Are you having trouble with odor of your kitchen in restaurant?

Karumoa have developed the ceramic deodorizing filter that have a lot of oil mist and solving smell problems in your kitchen.the ceramic deodorizing filter was presented at OPEN INNOVATION OF TOKYO in 2014.

■ Application example

- The staff canteen
- Eel restaurant
- Nursing home
- convenience store
- Supply center of school meals
- Pork cutlets restaurant
- Curry restaurant
- Yakniku restaurant
- Tempura restaurant
- Italian restaurant
- Supermarket
- Chinese restaurant
- etc

■ About filter

High deodorizing

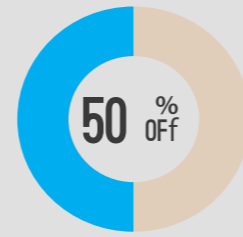
Each filter have high performance deodorizing.



Filter

Low pressure

Ceramic deodorizing filter have been successful in 50% off of low pressure comparing with other products. Also, reducing the loading of exhausting power, it have been contributing the reduction of CO2.



High cost performance

Zeogaia will promise you to prevent loading accumulation by repeating adsorption and release of deodorizing filter. Therefore, you will expect the long-span of exchanging circle.

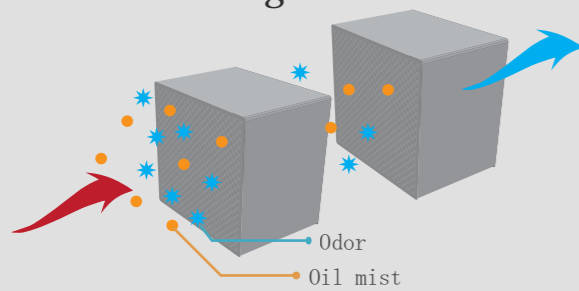
Noise reduction

Zeogaia is able to reduce about 3 - 7 dB of noise of high-pitched sound of fan by using ceramic inorganic fiber filter.



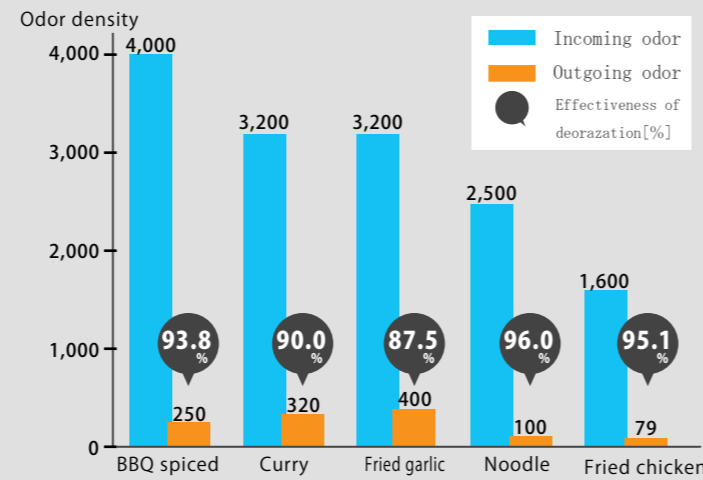
■ About deodorizing

About deodorizing



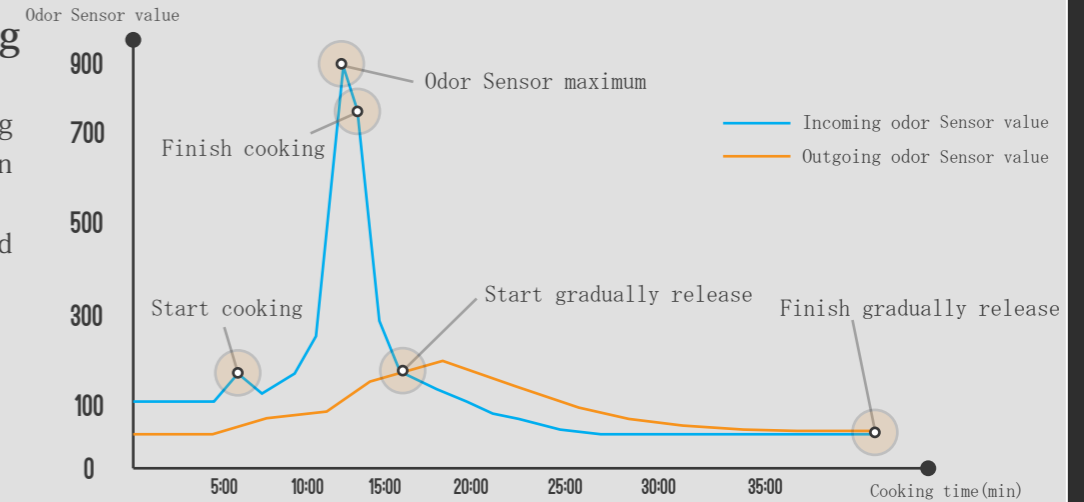
Zeogaia is able to catch and eliminate the odor element by uncountable pore on surface. Therefore, the odor elements that had been decomposed have been released in the air

Effectiveness of deodorization



Odor gradually releasing

Zeogaia is able to adsorb strong odor when you start cooking in your kitchen room. Odor will be gradually released in the air when getting weak.



■ Case study

Case study 1, Supermarket

A new opened supermarket have been serving cooked dishes by oil fryer in the kitchen room. Some residence around the supermarket has made a complaint about smell of them. We have prepared special custom-made unit of zeogaia because of limited space for the machine. They are truly satisfied that the high performance of zeogaia. there is no complaint after it works.

- Type : ZG-14000-3 special (The air volume of exhaust)
- Performance : Odor density 1600 → 79
- Effectiveness of deodorization : 95% off



Case study 2 Beef bowl restaurant

The restaurant has already installed and worked existing non-zeogaia deodorizing filter about 10 years ago. We had suggested the zeogaia filter to replace for high performance.

- Type : ZG-2000-3 special (The air volume of exhaust)
- Performance : Odor density 500 → 40
- Effectiveness of deodorization : 92% off

