

FOR THE LOVE OF INNOVATION

Our community constantly reminds us of FOTILE's true mission: supporting your family's happy, healthy lifestyle. It's the care for our customers that drives our brand forward, and we proudly build every FOTILE product with love.

For over 22 years, FOTILE has been dedicated to improving home kitchen environments with the latest in safety technology. Through consistent innovation and R&D, we've created a product line that successfully combines advanced technology with elegant design.

FOTILE is more than a kitchen appliance company; we're an industry leader, and the #1 choice among consumers in more than 20 countries.

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FOTILE

FOTILE W SERIES





**Enjoy a Smoke-Free Kitchen with
FOTILE W Series Range Hoods**

Featuring Surround Suction Technology and sleek, contemporary design, FOTILE W Series Range Hoods are more than appliances—they're modern-day masterpieces.



Eliminate Kitchen Problems Right From The Source



Enjoy Stress-Free Cooking

Conquer any recipe-without worrying about smoke, grease, and odors taking over your home. Stir-fry, pan-fry, flambé, and more with a range hood designed to keep up with your needs.



Say Goodbye To Grease

Discover the latest in extraction technology with FOTILE's premium range hoods, carefully designed to keep kitchen air free from hazardous cooking vapors.



Fall In Love With Your Kitchen

Prepare all your family's favorite meals in your clean, beautiful, odor-free kitchen.



Featuring smart Wing-Like Surround technology, and our all-new, high-powered motor, FOTILE W Series Range Hoods provide maximum kitchen ventilation.

Intelligent Air Management system inside, smart, self-adjusting unit: The Smart Wing-like Surround Suction Plate automatically detects the presence of smoke, raising or lowering the innovative surround suction plate's height to remove smoke and grease before they can spread.

Powerful DC Inverter Motor extracts grease and smoke at an impressive rate, up to 720 Pa.

Intuitive, wide design reaches beyond the cooking area, making stray smoke practically non-existent.

3-step cooking smoke separation technology successfully extracts up to 92% of airborne grease.

FOTILE W Series Range Hoods are a true testament to our never-ending commitment to innovating happier, healthier kitchens.

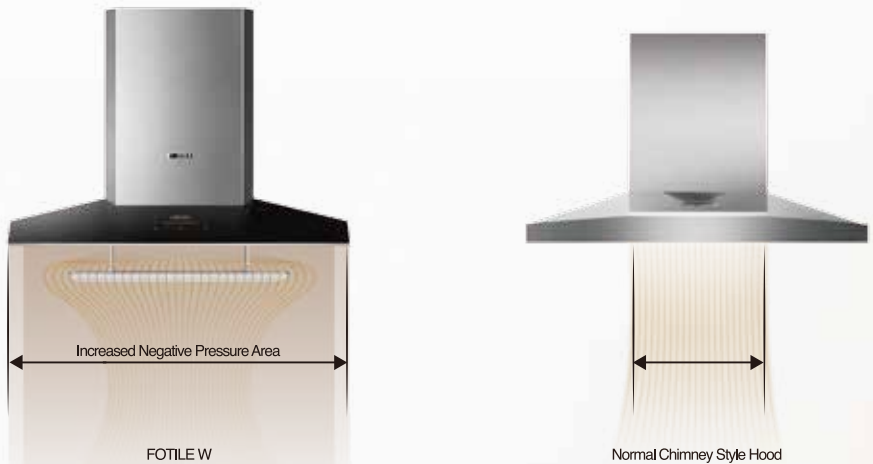
It's nearly impossible for smoke to escape!



Smart Wing-like Surround Suction Plate

Eliminate Smoke Before It Can Spread

FOTILE W Series Range Hoods are designed with a wide negative core pressure area for maximum coverage while you're cooking. Smoke and other odors are quickly detected and then extracted before they can spread.



Innovative Ventilation System



The "canyon effect" was discovered by FOTILE's own R&D department, and describes the way air naturally becomes pressurized when moving from a wide area into a narrower space (like a canyon). Inspired by this phenomenon, our W Series Range Hoods are designed with a space-capsule-shaped canopy to increase efficiency during the extraction process.



Thanks to our patented* silent volute, grease and smoke particles are sorted into separate "lanes" for quick, efficient ventilation.

*Patent: ZL200610050640.9

High-Power Grease And Smoke Extraction Capability

Using intelligent sensors, FOTILE's Auto Turbo System monitors environment resistance levels in your kitchen and inside the unit's smoke chamber.

Air pressure and fan settings are automatically adjusted to meet current needs. With FOTILE's Patented Bionic Wing Impeller, air pressure can reach up to 720 Pa, ensuring fast and seamless ventilation.





**Quiet, Low-Speed Extraction-
Ideal For Lightly Frying**

Even the simplest recipes sometimes produce smoke and other unpleasant odors. FOTILE's ultra-sensitive Smart Wing-Like Surround Suction Plate keeps your kitchen clean-and quiet-by trapping these vapors and removing them. Using smart sensors, the suction plate automatically sets fan speed accordingly while lowering the Surround Suction Plate height by 3.2 inches for quick, effortless ventilation.

3.2_{in}

Sleek, Modern Design

When switched to the OFF position, the Smart Suction Plate and inner smoke chamber are automatically tucked inside the unit's flat configuration, creating an elegant, modern aesthetic.



Smart Smoke Detection

For fast, thorough extraction, your FOTILE range hood's Smart Wing-Like Surround Suction Plate automatically adjusts its elevation, lowering by 3.2-4.7 inches, based on the volume of smoke, grease, and vapor detected. Smoke has virtually no chance of escaping!



**Heavy-Duty Extraction-
Ideal For Heavy Smoke And Grease**

Cooking with high-heat, stir-frying, and deep frying are all great examples of cooking styles that can quickly cause a kitchen to fill up with smoke. Thankfully, FOTILE W Series Range Hoods are designed to respond to high amounts of smoke by increasing fan speed and dropping the suction plate by 4.7 inches to proactively remove smoke and other harmful odors.

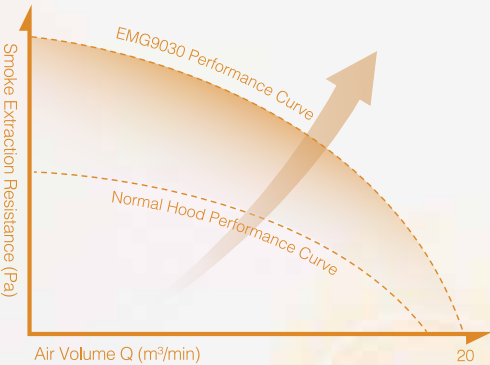
4.7_{in}

FOTILE's Innovative High-Powered DC Inverter Motor

Discover quiet, yet powerful smoke extraction for a peaceful cooking experience.

Astounding 100,000 RPH

Completing 100,000 rounds per hour, the direct-current inverter in your FOTILE W Series Range Hood ensures smoke and other unpleasant odors are extracted as quickly and thoroughly as possible.



An exploded view diagram of the FOTILE DC Inverter Motor assembly. The components are shown in a disassembled state, revealing the internal motor structure, including the stator with copper windings, the rotor, and the fan blades. A red line points from the 'Astounding 100,000 RPH' text to the motor assembly. Another red line points from the 'High Speed And High Pressure' text to the motor assembly. A third red line points from the 'FOTILE W 720 Pa' text to the motor assembly.

High Speed And High Pressure

With air pressure reaching up to 720 Pa, kitchen smoke and grease vapors are no match for FOTILE's DC Inverter Motor.

A circular gauge with a needle pointing to 420 Pa. The text 'Normal Chimney Style Hood' is written above the needle, and '420 Pa' is written below it.

FOTILE W **720 Pa**



Fully Automated Kitchen Ventilation System

FOTILE W Series Range Hoods take your kitchen to the next level with fully automated smoke and odor extraction for safer, stress-free cooking at home!



Smart Smoke Detection. Intelligent Suction. No More Stray Smoke.

FOTILE's intuitive, self-regulating W-Series Range Hoods offer smart functionality to adjust speed and height settings automatically, based on the volume of smoke and odors in your kitchen.

* available on EMG9030 only



Auto Turbo System

If, at any point during the ventilation process, your FOTILE range hood detects resistance, the unit will automatically switch to its most powerful mode for maximum extraction capacity.



Intelligent Air Management Protects Your Home From Dangerous Gases

FOTILE's Intelligent Air Management function is designed to keep your home safe and clean at all times. Enjoy peace of mind knowing your range hood is capable of identifying and extracting the following airborne pollutants: Formaldehyde, Ammonia, Carbon monoxide (CO), Benzene, Cigarette smoke, Residual cooking smoke...and more!

Be sure to turn on Intelligent Air Management-even when you're not cooking!



Multiple Noise-Reducing Systems
For A Better Cooking Experience

Enjoy as little as 40 dB of sound

High-Frequency DC Inverter

Designed for smooth, silent extraction of smoke and odors, FOTILE's direct-current inverter produces as little as 40 dB of sound.



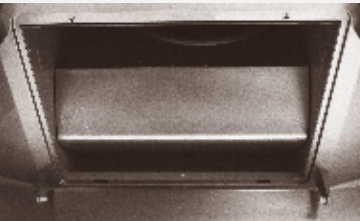
Bionic Wings Impeller

Inspired by aerodynamic eagle wings, FOTILE's bionic wings impeller delivers increased air control capabilities while preventing excess noise.



Patented Nautilus Air Passageway

Patent: ZL01132056.7



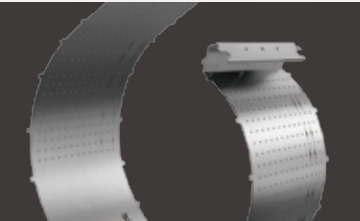
Patented Silent Volute

Patents: ZL200710069947.8
ZL200610050640.9
ZL200610155231.5



Patented Varied R Turbine System

Patent: 201310742965.3



360 ° Micropore Noise Reduction

High-Powered Range Hoods

Breakthrough Kitchen Ventilation Technology

3-step purification system effectively filters 92% of airborne oil particles while reducing odors by 98%.

1 Smart Wing-Like Surround Suction Plate

Draws Stray Smoke and Grease Away

Airborne grease and smoke are drawn away from the cooking area and condensed into liquid form as FOTILE's Smart Wing-Like Surround Suction Plate pulls these molecules inside the range hood unit.

2 Double-Layer Filtration

Separates Oil Particles

After these impurities pass through the suction plate, they are then transferred through FOTILE's double-layered Clean and Clear Filter and then into the oil collector

* Double-layered filter is available exclusively on the EMG9030 model;
All other W Series range hoods feature a single-layer filter instead.

3 High-Speed Centrifuge

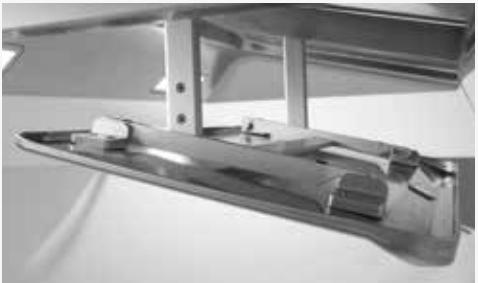
Extracts Smoke And Hazardous Vapors

Finally, your FOTILE range hood's smoke chamber uses centrifugal force to separate smoke and grease particles, ensuring you only breathe in clean air.



Cleaning Your Range Hood Has Never Been as Easy and Fast

FOTILE's range hoods are thoughtfully designed for hassle-free cleaning to help you save time.



Touch Cleaning Mode

Built-in setting allows you to clean the entire unit, safely and easily.



Innovative Filter

Simplified mounting system lets you quickly remove and wash your range hood's filter.



Oversized Oil Cup

Prevents spillage so you don't have to start cleaning until you've finished cooking.



Easy-to-Clean Wing-like Surround Suction Plate

Smooth surface and canopy can be quickly dismounted and wiped down with a damp cloth.



EMG9030



EMS9016

| | | |
|----------------------------|-----------------------------------|--------------------------------|
| Product Size(in)W*D*H | 35 7/16*20 5/16*(25 7/16-37 1/16) | 35 7/16*20 7/8*(23 3/4-37 1/2) |
| Power Supply | 120V/60Hz | 120V/60Hz |
| Motor Power(W) | 262 | 310 |
| Motor Type | DC | AC |
| No. of Speed | 4(T) | 2+T |
| Normal Noise(dB) | 51.5 | 50 |
| Max Static Pressure(Pa) | 720 | 397 |
| Illumination Power(W) | 2*2 | 2 |
| Auto Smoke Detection | Y | N |
| Intelligent Self-adjusting | Y | N |
| Intelligent Air Management | Y | N |
| Auto Turbo System | Y | Y |
| Delay-off function(min) | 2/5/10 | 2 |
| Control Mode | Touch Control | Micro Light Touch |

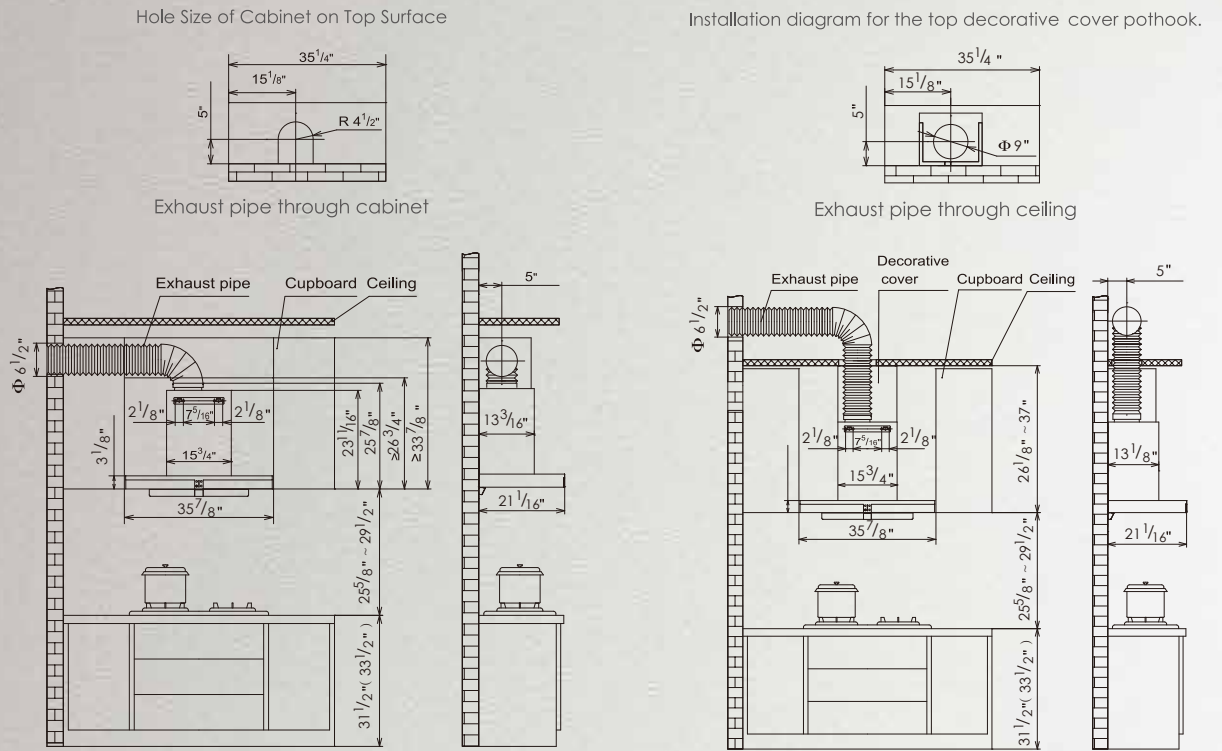


EMS9018

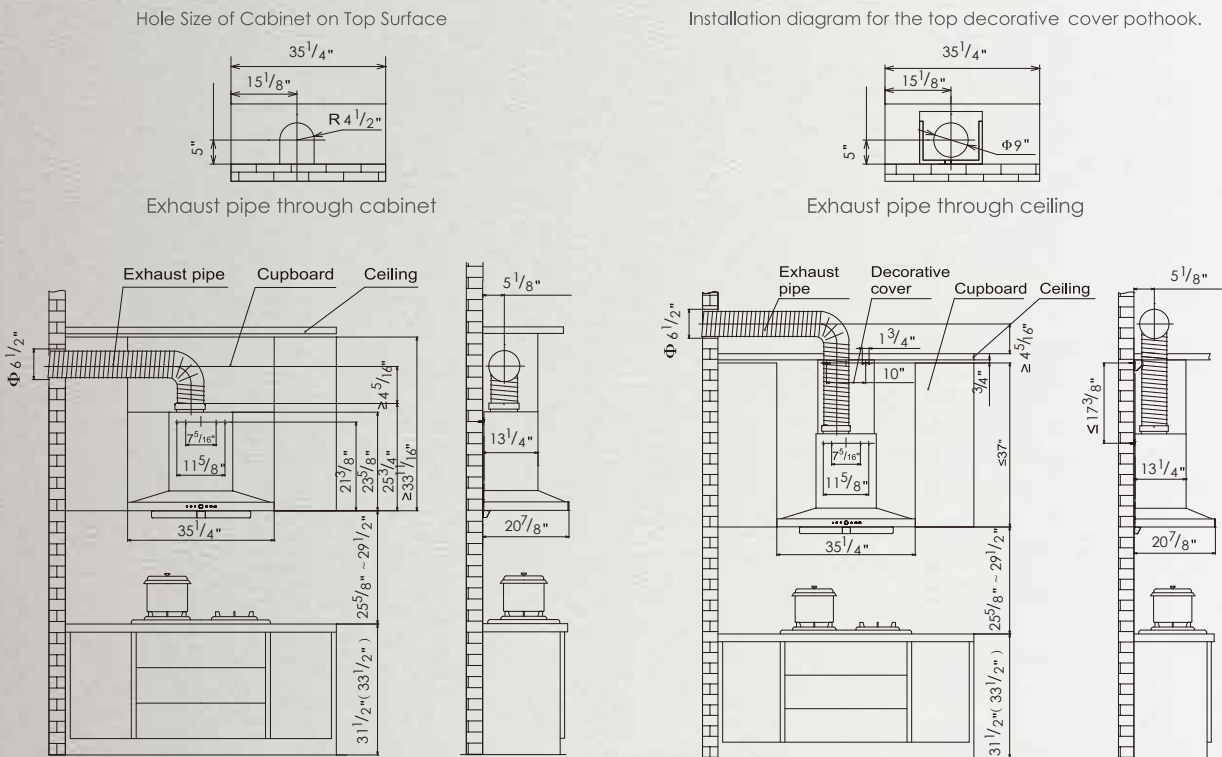
| | |
|----------------------------|---------------------------------|
| Product Size(in)W*D*H | 35 7/16*20 7/8*(23 3/4-37 1/16) |
| Power Supply | 120V/60Hz |
| Motor Power(W) | 310 |
| Motor Type | AC |
| No. of Speed | 2+T |
| Normal Noise(dB) | 50 |
| Max Static Pressure(Pa) | 397 |
| Illumination Power(W) | 2 |
| Auto Smoke Detection | N |
| Intelligent Self-adjusting | N |
| Intelligent Air Management | N |
| Auto Turbo System | Y |
| Delay-off function(min) | 2 |
| Control Mode | Touch Control |



EMS9016 Installation Diagram

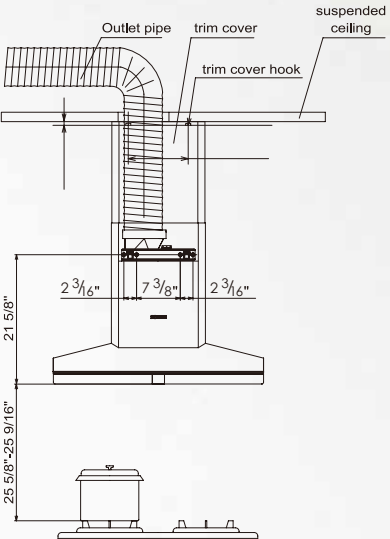
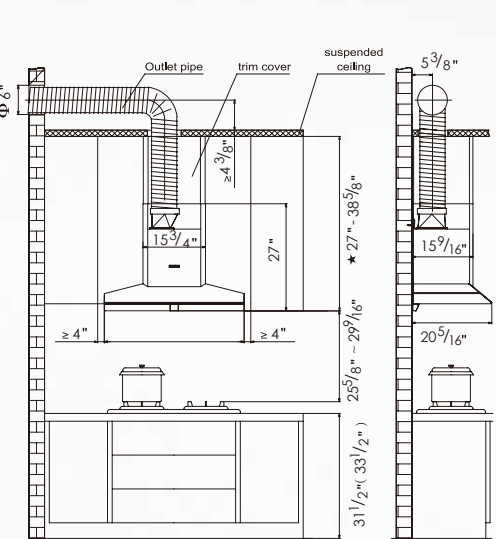
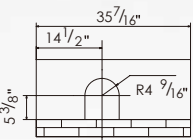


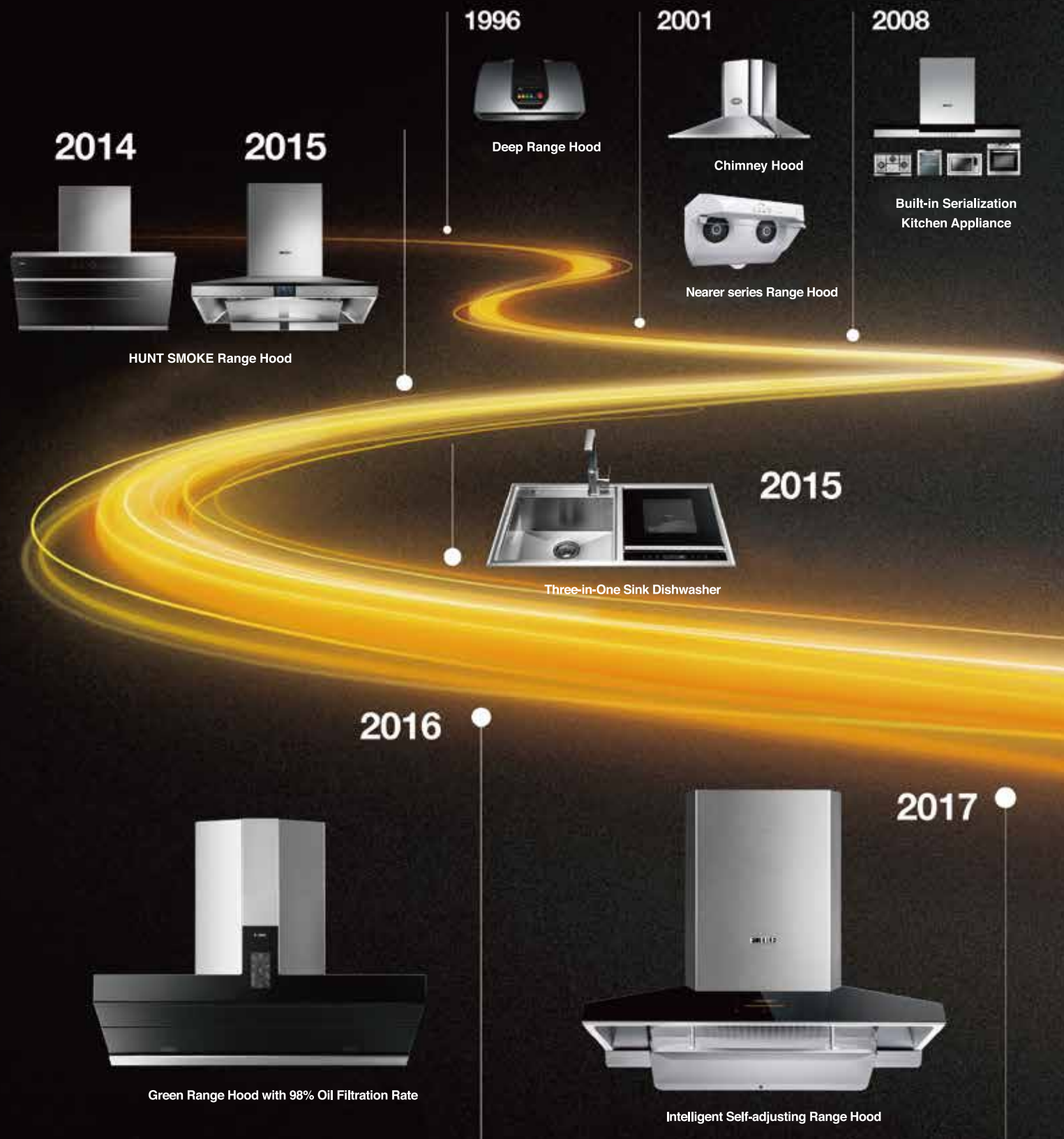
EMS9018 Installation Diagram



EMG9030 Installation Diagram

Hole dimension of the upper cabinet or suspended ceiling





Why Choose FOTILE For Your Kitchen?

- The leader in premium kitchen appliances.
- The choice of appliance of over 17million families.
- FOTILE holds a total of 2,500 patents, including 1,800 practical patents and over 400 invention patents, as of March 2019.
- We're leaders in international safety standards for range hoods.
- FOTILE's proprietary technology has raised the International Electrotechnical Commission's (IEC) standards for household appliances.
- FOTILE is the recipient of over 48 international design awards.
- We actively focus on R&D to reduce carbon emissions as we serve our customers.
- In 2017, FOTILE became the lead unit of China's National Key Research and Plan Project known as 13th Five-Year Plan.
- We never stop innovating.

