

# Air solutions

**Halton** group leads the global technology landscape in providing indoor air solutions for demanding spaces, catering to commercial and public premises, healthcare institutions, laboratories, professional kitchens, restaurants, energy production environments, and marine vessels.

Established in 1996, Halton Malaysia rapidly expanded into the Asian market within the food service segment, specialising in the manufacturing of exhaust hoods and providing indoor ventilation air solutions. Their primary geographic focus is within Asia. Today, after 25

years they are still a reference to this sector.

The stainless steel within the product range is carefully selected to ensure superior quality and performance. They predominantly utilise two grades: AISI 304 and AISI 316 stainless steel with thicknesses ranging from 1.0 mm to 1.2 mm. These grades hold immense significance, particularly in kitchen and food-related applications where stringent standards for hygiene and durability prevail.

The industry standard grade AISI 304 stainless steel boasts exceptional corrosion resistance, making it an ideal choice for environments where cleanliness and longevity are key requirements. This grade is specifically tailored for high-quality performance, surpassing stringent hygiene regulations prevalent in kitchen and food-related settings.

The food sector is specially demanding with relation to healthy issues. Therefore, it is submitted to a constant and increasingly harder regulation on the employed materials. We could stand four main lines to follow in this industry:



- 1 To avoid any contamination by microorganisms.
- 2 To remove any former microorganism before processing.
- 3 To prevent the growth of bacteria using low or high temperatures.
- 4 To facilitate harmless microorganisms growth that mitigate the adverse effects of the harmful ones (i.e.: fermentation)

Stainless steel is able to follow them, which makes it the perfect material choice in this industry.

Furthermore, Halton Group's commitment to excellence drives the choice of stainless steel, ensuring products endure the challenges of demanding spaces while upholding the highest standards of hygiene, durability, and reliability.



**MATERIAL :**  
[Acero Inoxidable AISI 304](#)  
Fabricado y suministrado:  
[Bahru Stainless](#)  
**FUENTE / SOURCE :**  
[www.halton.com](http://www.halton.com)

