

INSECT SCREEN

316 Stainless Steel Insect Screen

General

Stainless steel insect screens (commonly referred to as “thrip screens”) are used in HVAC systems to provide a barrier against the migration of insects either into or out of a controlled space.

Typically, stainless steel insect screens are used as a biosecurity measure in AQIS regulated facilities or laboratory spaces requiring physical containment or barrier protection against insects (specifically those that will burrow through existing filter media such as mites and thrips).

Typical applications for stainless steel insect screens may include quarantine facilities, insectariums, research laboratories and hospitals.

Construction

These insect screens are manufactured as standard using 250 micron, 316 stainless steel mesh and a 316 stainless steel holding frame. Additional holding frame material options include zinc sheet, powder coated zinc sheet or 304 stainless steel.

A synthetic insect screen for greenhouses and non-classified areas is also available. This can be fitted into a frame to suit the individual client requirements.

Installation

Stainless steel insect screens are easily installed using holding frames that incorporate mounting studs. The insect screens can be fixed directly to the studs in the holding frame and secured with stainless steel wing nuts. Alternatively, the insect screens can be mounted to the holding frame using a holding tab mechanism that utilises studs and clamps.

Important Features

- 250 micron, 316 stainless steel mesh screen
- Built to satisfy OGTR (Office of Gene Therapy Regulator) Guidelines
- Compliant with AS/NZS 2243.3 recommendations
- Customised sizes
- Integrated into multiple housing designs
- Rated flow 20Pa @ 2.5m/s

Options

- Zinc sheet, powder coated zinc sheet, 304 or 316 stainless steel holding frames
- Direct fixing or holding tab fixing
- Synthetic insect screen and custom frame available for greenhouses and non-classified areas



Supply Air Insect Screen



Wall Mounted Return Air Pre-filter and Insect Screen Assembly

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The information provided in this brochure is accurate at the time of printing to the best of Airepure Australia's knowledge, however, it should not be relied upon. Circumstances differ with every installation and location therefore suitability of all Airepure products should be confirmed with a qualified Airepure Technical Representative. Rev 0616 ©Airepure Australia 2016

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