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IAC Horizontal Sliding Acoustic Door – Rw 56(dB)

Model Ref. - IAC Single Horizontal Sliding power operated acoustical door complete with electric operator; the header and vertical casings which form the frame are bolted to the masonry wall. The header assembly comprises of the door drive mechanism and top track. IAC doors do not require a bottom track as the door will seal on a level stainless steel threshold plate.

Variable Speed Drive System - We include for a variable speed drive system consisting of 3-ph AC variable speed gear-motor with integral high efficiency gearbox and electromagnetic fail-safe brake. Featuring controlled acceleration and deceleration over the door opening and closing cycle. The combined limit switch assembly ensures accurate positioning of limits whilst also enabling simple adjustment procedures.

Acoustic Duty - The door is designed to provide an attenuation of Rw 56dB.

Dimensions - The finished clear openings to be approximately _____mm wide x _____mm high

Finish - Both door and frame will be finished in plastisol colour sheet steel, colour from the British Standard Range.

Insulation - A 150mm composite and appropriate insulation infill.

Seals - Our unique sealing system uses a carefully graduated track and acoustic seals, the combination of which gives a board, resilient and adjustable seal, requiring only gentle pressure.

Controller Features - 24V AC extra low voltage control circuit for increased safety, Opening speed of up to 0.3m/s^{-1} , Closing speed of up to 0.25m/s^{-1} . Inbuilt short circuit and overload protective device. High integrity fail safe electrical design in accordance with all relevant regulations. High integrity fail safe electrical design in accordance with all relevant regulations.

Door Features - Galvanised track which permits immediate gasket clearance as the door opens. Instant stop non-electric safety edge fitted to the Leading Edge and Trailing Edge of door panel. We will supply, fit and wire 2 off 2 way constant contact pushbutton.

Installation - Refer to manufacturer for details.

Power Supply - We require a 400V 3-ph 50Hz supply to the control enclosure, alternative 230V supplies can be accommodated

Wiring of Isolator - Refer to manufacturer for details.