



## TITLE: BUILDING SERVICES PRODUCT MANUFACTURE

IAC Bulletin BS/01.00

IAC manufactures a complete range of Building Services noise control products and systems in one of the largest (10,000m<sup>2</sup> approx) and most sophisticated plants of its type in Europe (see picture, top left). The company makes over thirty different designs of *Quiet-Duct*<sup>®</sup> rectangular and *Conic-Flow*<sup>®</sup> circular duct silencers - including special low-frequency (LF) and fibre-free models. Other products in IAC's HVAC range include *Noishield*<sup>®</sup> acoustic louvres, *Big-H*<sup>®</sup> fan plenums, *Quiet-Flow*<sup>®</sup> packaged air handling units, *Noishield*<sup>®</sup> acoustic enclosures and *Noise-Lock*<sup>®</sup> acoustic doors.

As these pictures illustrate, IAC products are of all-metal construction to ensure long life and have an aero-dynamic profile to minimise pressure drop. All IAC silencers are performance rated in accordance with ASTM-E477, BS 4718 and ISO 7235.

Recent investments in advanced sheet metal cutting and forming machinery - including a 6-coil computerised duct making machine - allow all IAC products to be manufactured with immense speed, precision and at competitive prices. IAC operates a flexible system of batch production which allows almost any delivery deadline to be met.

Quality control is also a major feature of IAC's operations and the company is registered to the BS EN ISO 9001 quality standard.



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