WARMING & VENTILATING of VICTORIAN & EDWARDIAN SCHOOLS

Mechanics Institute, Deptford, founded 1827

The Manchester Mechanics Institute, 1854
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Mechanics Institution, Glasgow, 1831
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Bradford Mechanics Institute. Heating by fireplaces (note chimney stacks)

Bedlington Colliery Mechanics Institute, 1895
Heating by open fireplaces
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Imperial Technical Institute, London, 1893 [VA, fig.88]

Imperial College of Science, London
Delivery of a large hot water calorifier by Sulzer Bros, 1930 [CHGC]
Reconstruction of the Ventilation System for the Great Hall of the Cooper Institute, New York [BEA, fig. 10.19: from a survey of 1971]

The fan is of the Cone-Wheel type, possibly by B F Sturtevant.
Peter Cooper (1791-1883), inventor, manufacturer and philanthropist, founded the Cooper Union in New York (1857-59) for the Advancement of Science and Art to provide a free education to gifted students from the working class. Owned rolling mills, wire factories; controlled over half the telegraph companies in the USA; manufactured the first structural beams for fire-retardant buildings; ran unsuccessfully for President in 1876 [NY, pp.279-80]
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Leeds Mechanics Institute, 1868

Bradford Technical School 1882