A BIG THANK YOU PAUL YUNNIE

Paul has made another significant contribution to the Heritage Group Archive by his latest donation in the form of 15 American Carrier Engineering Manuals and some 40 brochures spanning the years from the 1950’s to the 1980’s. These include Air Conditioning, Load Estimating and Systems, Refrigeration, Piping & Ducting Design, Psychrometrics and Acoustics.

Paul joined the Heritage Group in 1984, serving as Vice-Chairman until 2005 when he retired to live in Australia, where he continues as one of our International Representatives. During all these 34 years, Paul has given lectures, talks, arranged visits, organized the sponsorship and printing of eight Heritage Books, including the centenary books of both CIBSE and the HVCA.

Paul has also served as Chairman of both the Rumford Club and the ASHRAE Historical Committee. In 1998 he was awarded the CIBSE Silver medal.
A recent innovation is the addition of LARGE E-BOOKS.

There are ten books in this new series. Nine are shown in the right-hand columns below and cover the following topics: Air Conditioning American Movie Theatres, Automatic Controls, Refrigeration in American Breweries, Pumps & Pumping Machinery, American Refrigeration-Cold Stores & Ice-Making, Steam & Hot-water Boilers, Fan Engineering, Plumbing and Sanitation, and Heating Stoves.

The contents of each book range from 10 to 25 files in PDF format.

To discover what the tenth book is about, go to the homepage of the Heritage Group website www.hevac-heritage.org. Use the E-Books Large link to display the page shown below including book ten.

Recently added E-Books on company histories include: American Blower, Crane USA, Hitchings, Keith Blackman, Matthews & Yates and Spirax-Sarco.
MACKINTOSH’S GLASGOW SCHOOL OF ART
HERITAGE LANDMARK GONE UP IN FLAMES - AGAIN

Out of control, the Second Fire spreads

All that remains is the shell of the devastated School of Art

MACKINTOSH’S GLASGOW HOUSE FOR AN ART LOVER
FROM “BUILDING SERVICES HERITAGE,”
CIBSE HERITAGE GROUP, 2003

International prize-winning design of 1900 by architect Charles Rennie Mackintosh, who died in 1928, was built in Glasgow in 1996 where it stands as a tourist attraction, conference centre and art school.
Glasgow School of Art, 1897 – 1907

The winner of the architectural design competition for the School was Honeyman and Keppie, within which Charles Rennie Mackintosh was a salaried architect. Keppie had earlier worked with the engineer William Key who had designed a plenum system for the Glasgow Victoria Infirmary, opened in 1890. Key with Robert Tindall, took out British Patent No 19,900 in 1892 which detailed a basic air conditioning system to control temperature, humidity and air cleanliness, using water sprays, blocks of ice, steam coils and hanging rope filter screens. The specification of 1896-97 for the first phase of the construction of the school refers to a ventilation system having water sprays and hung rope air filters but no direct link with Key has been established. The detailed design was the responsibility of the contractor. In this, B F Sturtevant who illustrated the principles of such systems in their catalogues of that era and who were suppliers of the two main centrifugal fans, may have rendered assistance. During the second phase of construction in 1907-9, both filters and sprays were renewed. The plenum system was taken out of use in the 1920’s and replaced by an intrusive radiator system. Recent surveys have shown that the original fans remain with steam coils, basement and ceiling ducts and the dampers and grilles largely intact.

A modern study of the environmental systems is “Glasgow School of Art” George Cairns, Charles Rennie Mackintosh Society, Newsletter No 66 Winter / Spring 1995