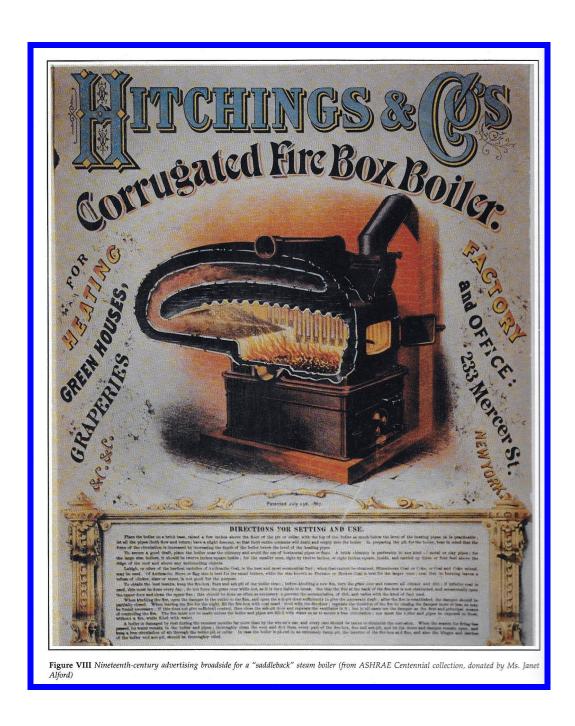
STEAM & HOT WATER BOILERS 1840-1930



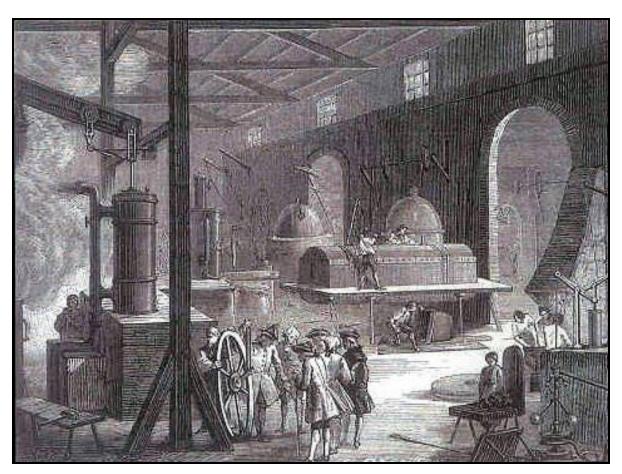
Eur Ing BRIAN ROBERTS CEng HonFCIBSE Life Member ASHRAE

CIBSE HERITAGE GROUP

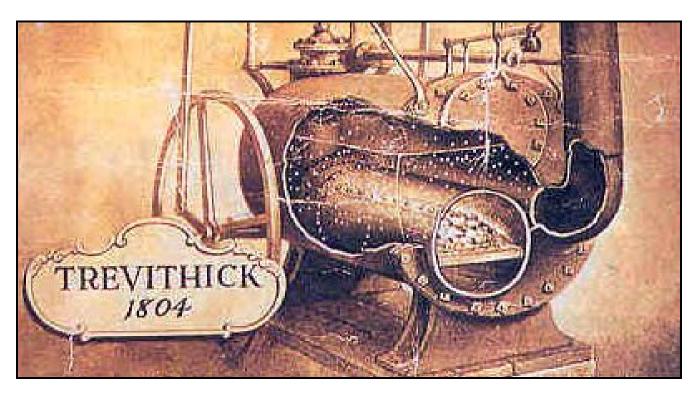
STEAM & HOT WATER BOILERS 1840-1930

Introduction

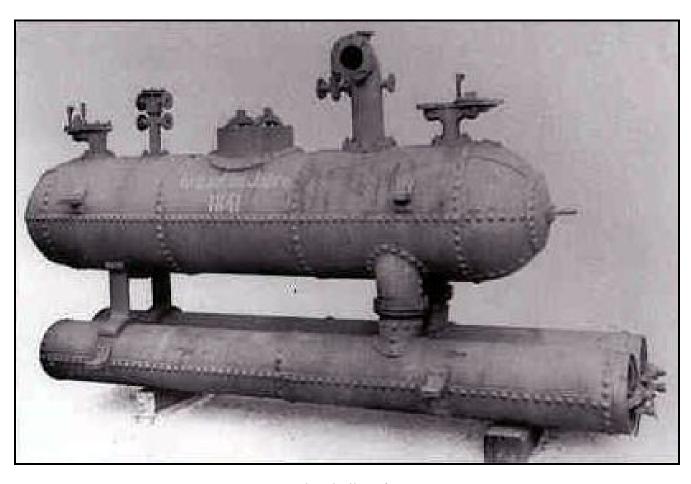
The CIBSE Heritage Group Archive, compiled over some forty-five years, holds a modest, but important collection of books and information on Steam and Hot Water Boilers. The effective use of steam dates back to about 1800 when boilers were introduced by Bolton & Watt and Richard Trevithick in England and by Oliver Evans in America. From the 1840s onwards steam boilers were developed by many engineers and companies. Some of these are shown on the Heritage Group website under Electronic Books/A Parcel of Boilers. Further examples are given in the illustrations which follow while a representative selection of extracts from boiler textbooks and catalogues is given the various sections of this ebook. The final section of this ebook titled *Sources of Information* provides a list of References to books and technical papers on Steam and Hot Water Boilers.



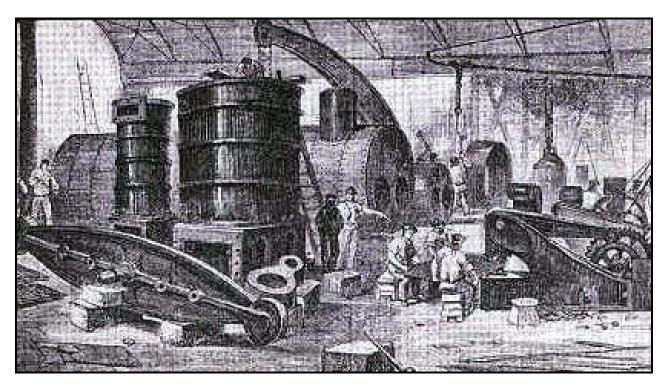
Manufacturing boilers at Boulton & Watt, about 1800



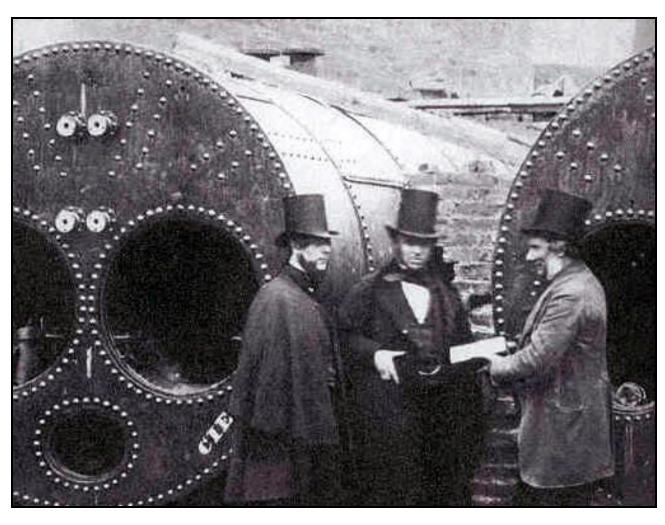
The Trevithick Cornish Boiler of 1804



A Sulzer boiler of 1841



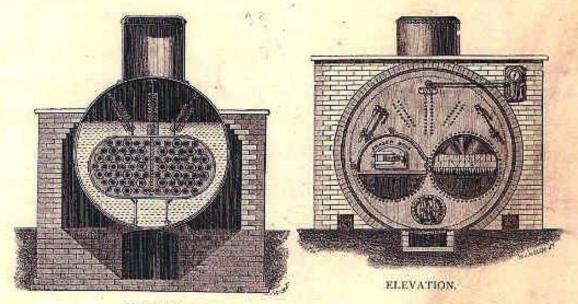
Making Lancashire boilers at the Fairbairn factory in Manchester, 1861



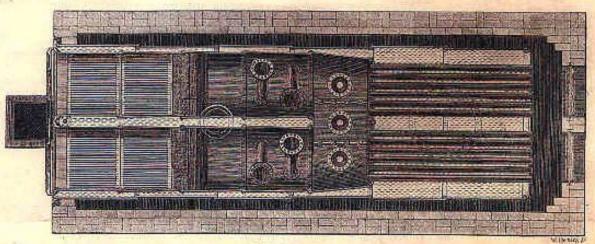
Inspecting boilers at the London Exhibition of 1862

FRASER'S SPECIAL COMPOUND BOILER.

STRONGLY RECOMMENDED FOR ECONOMY OF FUEL.

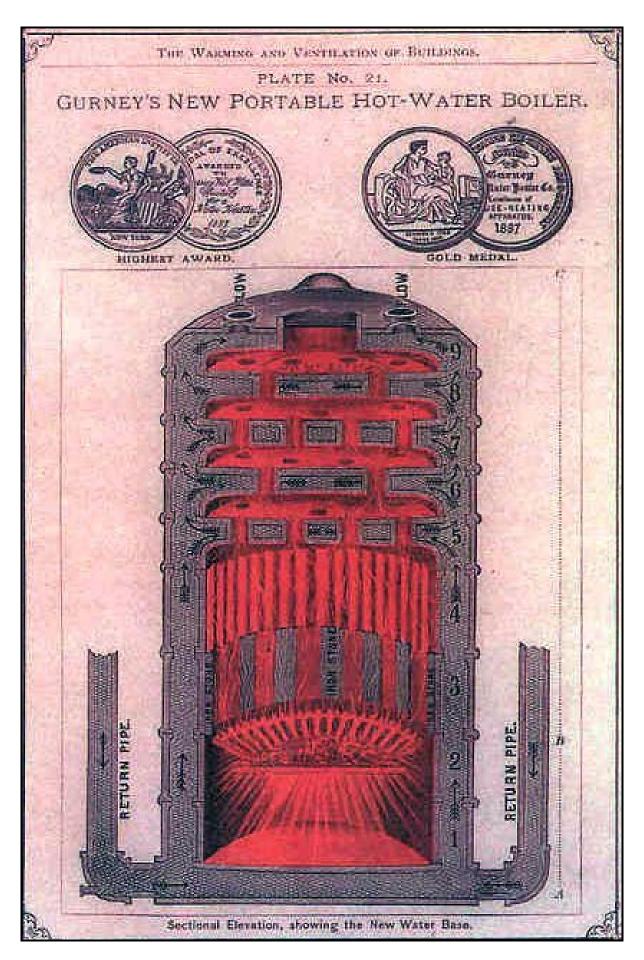


SECTION.

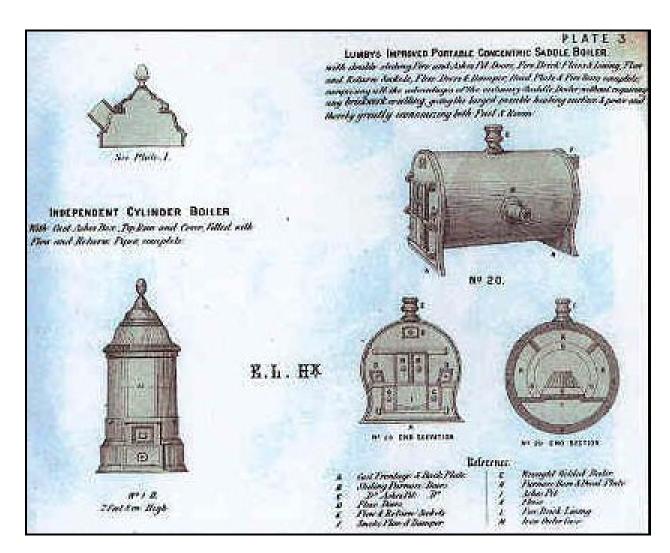


SECTIONAL PLAN.

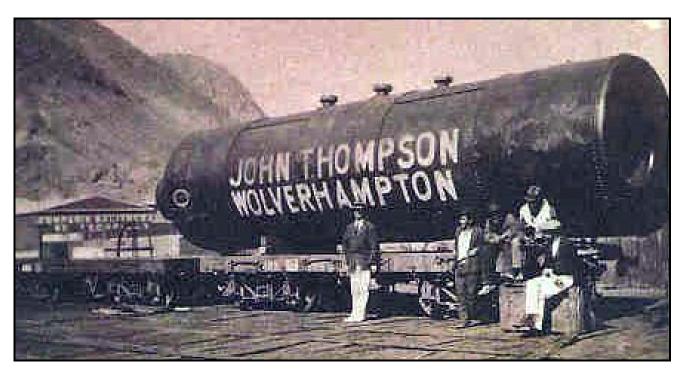
FRASER BROTHERS, BROMLEY-BY-BOW, LONDON, E.



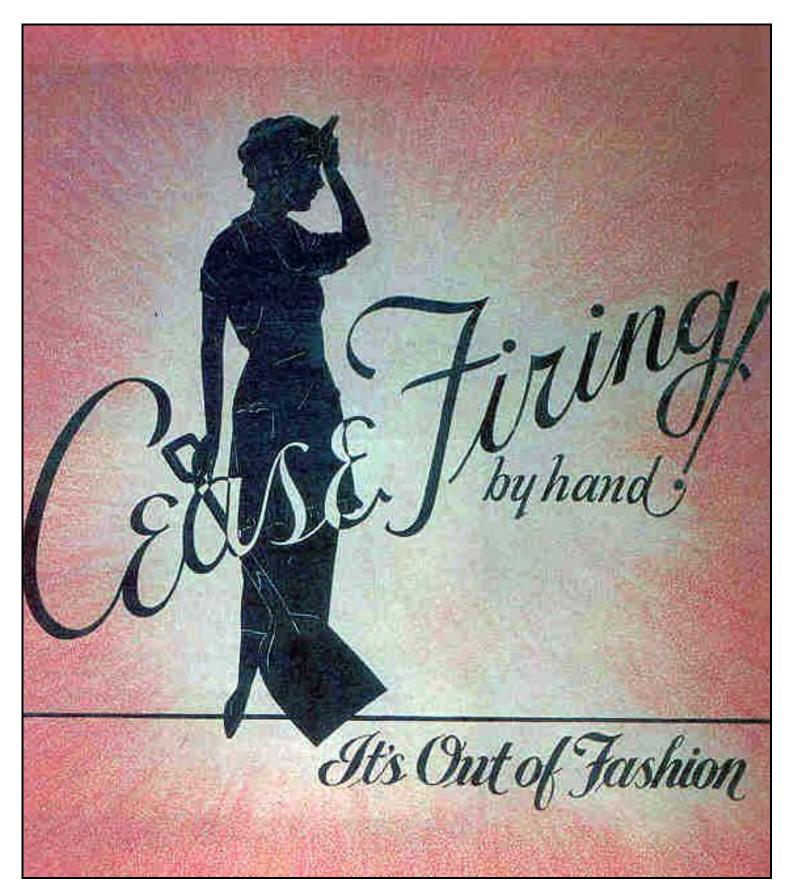
The Gurney Hot Water boiler of the 1890s



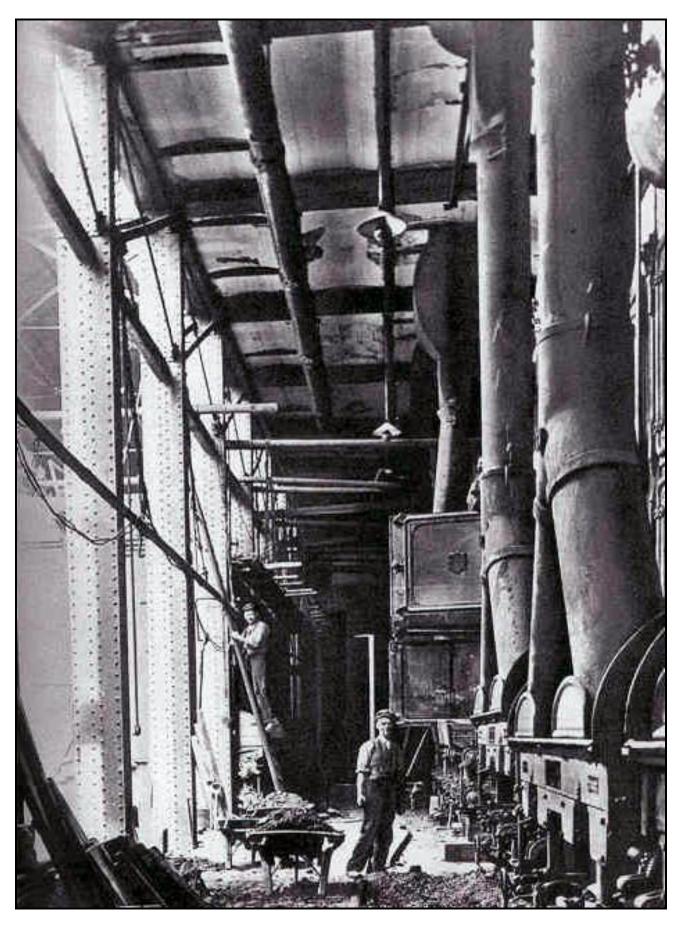
The Lumby boiler of 1861



A John Thompson boiler being transported across Chile in the 1920s



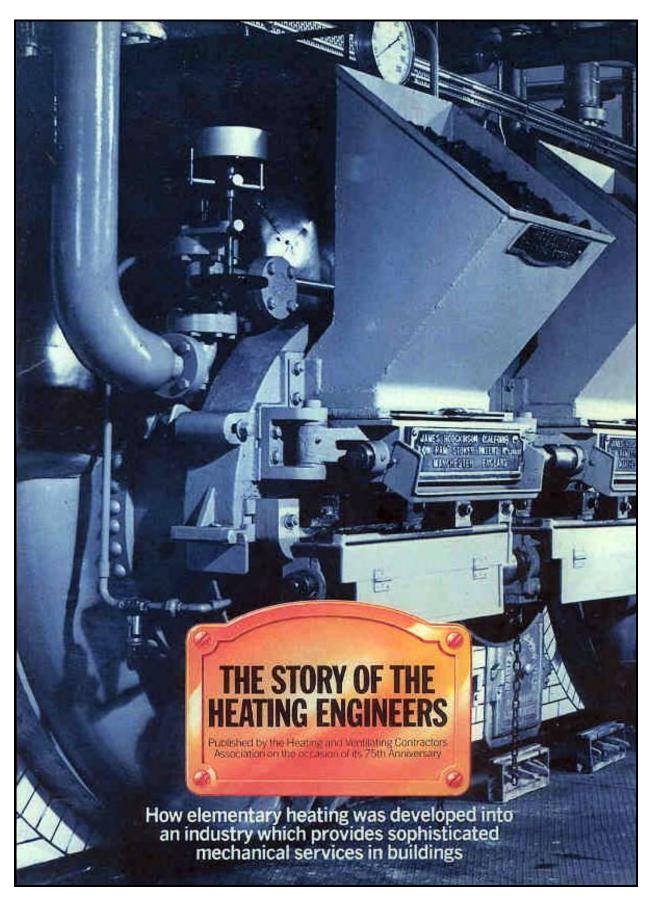
American advertisement from 1936



Boiler house of the City of London Electric Lighting Company in Bankside, probably 1890s



American advertisement for Weil-McLain boilers, date unknown



HVAC 75th Anniversay Brochure of 1979