

# MORE ABOUT the BOOK



124. Illustration from Gas Advertisement.  
*This Big Toe is Big News.*  
Gas Council, 1957. (HGT Collection).



125. Etching by Heinrich Aldegraver.  
*Public Baths, 16th Century. (ADI, p.140).*

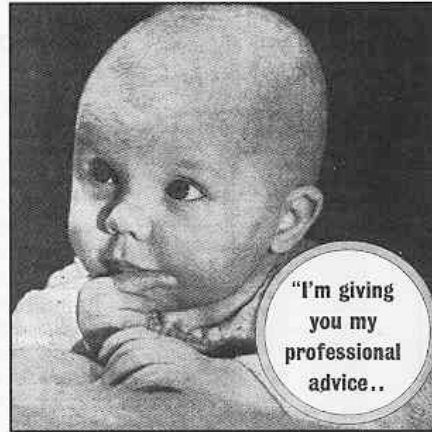
## *Acknowledgments*

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We must give a special thanks to the Heritage Group of the CIBSE (Chartered Institution of Building Services Engineers), past and present, who since 1973 have helped build up the Collection of books, catalogues, pictures and historic papers. Other pictures and information have been obtained from the CIBSE Library, the BSRIA (Building Services Research & Information Association) Library, and the personal collections of the authors. In particular, an enormous amount of information and pictures has been made available by Barry Wilkinson, Editor of *The Historic Gas Times* (the Journal of the Institution of Gas Engineers' Panel for the History of the Gas Industry) and for this we are particularly grateful. However, the words and choice of pictures (and any errors) are ours alone.

We must also thank Roy Harbach and SP Print for translating our draft into the printed book. Ewen Rose, Editor of *HAC*, for including selected excerpts as a 6-part series in his Journal, and last but not least, we must thank our wives Monica Yunnie and the late Barbara Roberts for their patience and encouragement, and Zoë Beenham (née Roberts) for her assistance with photography.

*BMR, Tadworth, Surrey & PGY, Pershore, Worcs, 2000.*



126. Extract from Adverts. Gas -To Be Sure, Gas Council, 1956.  
 Left, Why don't you get a gas sink water heater? Right, The constant use of hot water is an essential factor in health and hygiene.

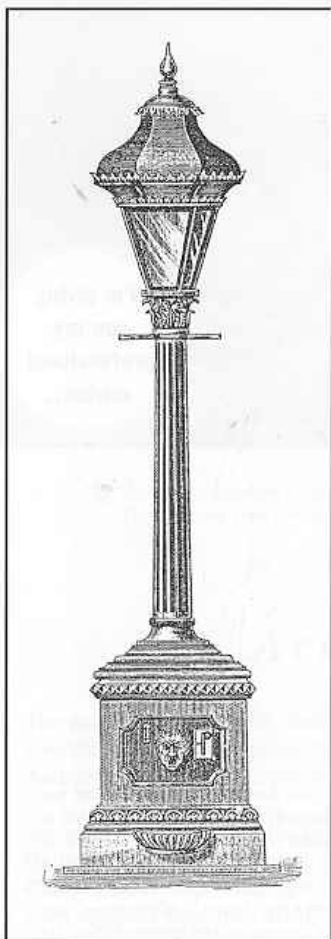
## The Authors

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Brian Roberts was born and educated in Bristol. He served a student apprenticeship with Brightside, gained the National College Diploma, then the Associateship. Worked for Brightside, London (Chief Air Conditioning Engineer); Drake & Scull (Chief Engineer); Holland Heating UK (Technical Director). Has served on Technical Committees of IHVE/CIBSE, HVRA/BSRIA, HVCA, BSI & ASHRAE; co-authored two books (on air conditioning and a building services history); wrote *The Quest for Comfort* for the CIBSE Centenary and *The Comfort Makers* for ASHRAE; has written some 70 papers, produced the *Golden Oldies* series in the *CIBSE Journal* and the *Times Past* series in the *HAC* magazine. He is Chairman of the CIBSE Heritage Group. Now retired, interests include art, architecture, the history of the theatre and country pubs. In 1994, he was awarded the CIBSE Silver Medal.

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127. Gas Lamp utilising Waste Heat for Hot Water Production.  
 Photo: Hot Water Syndicate  
 Crystal Palace Exhibition, 1897  
 (*Journal of Gas Lighting*,  
 Water Supply FC, 21 Sept 1897)

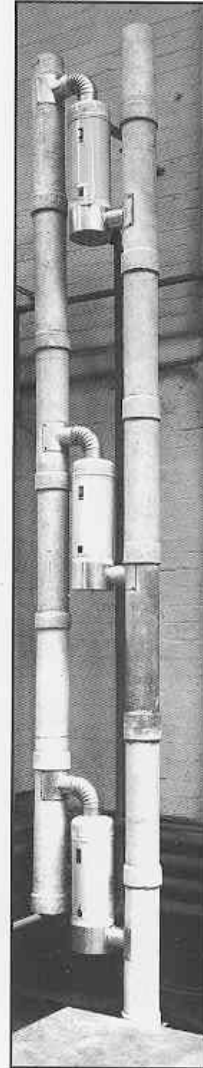
## Picture Index of Manufacturers

*Colour plates in bold*

AEG 102  
 ARDEN HILL 52  
 ACME 57  
 AIDAS (SADIA) 101,103  
 AINTREE **36**  
 AFOS **35**  
 ASCOT 32,77,95  
 BRADFORD WHITE **29**  
 BRITISH GAS LIGHT 79,119  
 CALDA 45  
 CLARKHILL 71  
 CRANE **30**  
 DAVIS 25,46,47,48  
 DOULTON 11  
 EWART **18,23,30,32,65,66,68**  
 FENLON 3,65  
 FENTON & SHREWSBURY 65  
 FLETCHER 40,41,42,43,44  
 GEC 39  
 HARTLEY & SUGDEN **10**  
 HEATRAE 105  
 HENDERSON 122  
 IDEAL **31**  
 LUMBY SON & WOOD 50  
 MAIN 96  
 MAUGHAN 28,29  
 MAXOL **33,34,120,121**  
 PARKINSON 98  
 PORCHER 17  
 POTTERTON **20 99**  
 RANGE BOILERS 94  
 PRYCK & PALMER **19**  
 RICHMONDS GAS STOVE 100  
 ROUSSEAU **15**  
 SANTON 106,108  
 SHANKS **12**  
 SMITH & WELLSTOOD 4,23,27,33,34  
 VAILLANT **28,51**  
 WHITE **29**  
 WOOD, RUSSELL 75  
 WRIGHTS 27,54,55

## References

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- BSE *Building Services Engineering: A Review of its Development*, N S Billington & B M Roberts, Pergamon Press, Oxford, 1982.
- CHG *CIBSE Heritage Group Collection*.
- DSEP *Domestic Sanitary Engineering & Plumbing*, F W Raynes, Longmans, London, 1928.
- HC *Heat & Cold: Mastering the Great Indoors*, B Donaldson & B Nagengast, ASHRAE, Atlanta, 1994.
- HGT *Historic Gas Times Collection*.
- HI *Home Inventions*, Molly Harrison, Usbourne, London, 1975.
- HHW *Heating by Hot Water*, Walter Jones, Crosby Lockwood, London, 1904.
- ICS *Plumbing, Drainage, Gas Fitting, etc.*, ICS Reference Library, London, undated.
- IRI *Italian Renaissance Interiors*, Peter Thornton, Weidenfield & Nicolson, London, 1991.
- ES *Elements of Style*, Stephen Calloway, Mitchell Beazley, London, 1991.
- FHA *France: A History of Art*, Bradley Smith, Doubleday, New York, 1984.
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- MTP *Manual of Technical Plumbing & Sanitary Science*, S Barlow Bennett, Batsford, London, 1910.
- PC *Photo Centre, London*.
- PL *Plumbing*, H E Babbit, McGraw-Hill, New York, 1928.
- RAA *Roman Art & Architecture*, Mortimer Wheeler, Thames & Hudson, London, 1964.
- RB *Roman Bath*, Barry Cunliffe, University Press, Oxford, 1969.
- RD *Readers Digest magazine*.
- REN *Renaissance*, Time-Life Int, 1966.
- RFH *R F Hartman, London (photographer)*.
- RS *Regency Style*, Steven Parissien, Phaidon, London, 1992.
- SPP *Standard Practical Plumbing, Vol. 1*, P J Davies, Spon, London, 1905.
- SWP *Spas & Watering Places*, Muriel Searle, Midas Books, Tunbridge Wells, 1977.
- TBL *Treasures of the British Library*, The British Library, London, 1988.
- TCD *Twentieth Century Decoration*, Stephen Calloway, Weidenfield & Nicolson, London, 1988.
- TTW *Taking the Waters*, Alev Lytle Croutier, Abbeville Press, New York, 1992.
- WA *World Architecture*, Paul Hamlyn, London, 1963.
- WH *Watson House 1926/76*, British Gas, 1976.
- WL *Water Log*, FECS, Chicester, undated.
- WS *The Willing Servants*, Anthony Byers, Electricity Council, London, 1988.



128. Flue Test Rig, Gas Water Heaters.  
Water Heating Laboratory,  
Watson House, undated.  
The Gas Light & Coke Co.  
(PC, neg.HD630-2).



"Bath ready  
in next to no time"