

FANS: SOURCES OF INFORMATION



A—FIRST KIND OF FAN. B—SECOND KIND OF FAN. C—THIRD KIND OF FAN. D—QUADRANGULAR PART OF AXLE. E—ROUND PART OF SAME. F—CRANK.

Items listed in black are from the USA: items in blue are from the UK or elsewhere in Europe: items in green are US catalogues. UK fan catalogues have not been included. Publications marked* are part of the CIBSE Heritage Group Archive.

1556 *De Re Metallica*, Georgius Agricola, (trans. Herbert Clark Hoover & Lou Henry Hoover), Dover Publications, New York (republication in 1950 of the 1912 edition)*

1850 *Useful Hints on Ventilation*, W Walker, J T Parkes, Market Street, Manchester*

1890 *Heating & Ventilating Apparatus-Sectional Catalogue*: The Huyett & Smith Manufacturing Company, Detroit, Michigan

- 1899 *Mechanical Draft*, Catalogue No. 98, 2nd Edition, B F Sturtevant Company, Boston, Mass*
- 1899 *Equipment*, Buffalo Forge Company Catalogue, Buffalo, NY
- 1899 *Illustrated General Catalogue*, Buffalo Forge Company, Buffalo, NY {also editions for 1892, 1896, 1910, 1915, 1927}

The Following Buffalo Forge Company Brochures are all from about 1900:

- Mechanical Induced Draft**
- Mechanical Forced Draft**
- Buffalo Down Draft Forges**
- The Buffalo Forge Company Engine**

- 1905 *The Practice of Ventilation*, J D Sutcliffe, *IHVE Paper*, Manchester*
- 1906 *Ventilation and Heating, Principles and Application*, 6th Edition, Catalogue No. 86, B F Sturtevant Company, Boston, Mass*
- 1908 *Fan Tests, Theories and Facts*, James Keith, *Engineering Review*, New York*
- 1911 *The Origin and Progress of Multiblade Fans*, James Keith, London*
- 1914 *Ford Motor Company installs "Sirocco" Heating, Ventilating and Cooling System*, American Blower Company, Detroit, Michigan
- 1916 *The Fan*, {includes *The Theory and Practice of Centrifugal Fans*}, Charles H Innes: The Technical Publishing Company, London*
- 1916 *Our Business Pioneers (B F Sturtevant)*, *Boston Globe*, 19 May
- 1917 *Sturtevant: Fans, Heaters and Air Washers*, B F Sturtevant, Boston, Mass
- 1919 *Buffalo Fan System*, {*Heating, Ventilating and Humidifying*}, Buffalo Forge Company, Buffalo, NY
- 1920 "ABC" *Equipment for Factory Heating & Ventilation*, No. 27, Series 5, American Blower Company, Detroit, Michigan
- 1920 *Buffalo Fan System of Heating, Ventilating and Humidifying*, Buffalo Forge Company, Buffalo, NY
- 1927 *Clarage Type HV Fans*, Reference Book No. 54, Clarage Fan Company, Kalamazoo, Michigan
- 1929 *General Catalogue No. 801*, Buffalo Forge Company, Buffalo, NY
- 1930 *Cyclone Fans*, Matthews & Yates, Swinton, Manchester
- 1933 *Fan Engineering*, {*An Engineer's Handbook on Air, Its Movement and Distribution*}, 3rd Edition, Richard D Madison (Ed) & Willis H Carrier, Buffalo Forge Company, Buffalo, NY* [known as the Fan Engineers' Bible because of its black cover and gold-edged pages]
- 1936 *Fans, Blowers, Accessories*: Buffalo Forge Company, Buffalo, NY
- 1947 *Ventilation*, {*Fans*: pp. 117-192}, E L Joselin, 2nd Edition, Edward Arnold, London*
- 1952 *Woods Practical Guide to Fan Engineering*, W C Osborne & C G Turner (Co-Eds), Woods of Colchester*
- 1966 *Fans*, William C Osborne, Pergamon Press, Oxford*
- 1971 *Fans and Their Application in Air Conditioning*: The Trane Company, La Crosse, Wisconsin*
- 1973 *Fans*, {Pages 107-153 are on *Centrifugal Fans*}, Bruno Eck, (from the German), Pergamon Press, Oxford*
- 1977 *Then & Now*, (Mathews & Yates Ltd): *The Building Services Engineer*, (The Journal of the Chartered Institution of Building Services, Special Commemorative Issue, No. 1, Volume 45, April
- 1982 *Building Services Engineering: A Review of its Development*, Neville S Billington & Brian M Roberts, {Chapter 4, *Ventilation: Mechanical Ventilation*}, Pergamon Press, Oxford*
- 1990 *Benjamin F Sturtevant: from Shoes to Fans*, Bernard Nagengast, *Supply House Times*, pp. 89-91, October*
- 1994 *Heat & Cold: Mastering the Great Indoors*, {Chapter 7: *Nineteenth-Century Heating, Ventilation and Mechanical Cooling*}, Barry Donaldson & Bernard Nagengast, ASHRAE, Atlanta, GA*
- 1995 *A History of Fans (Tunnel Ventilation)*, W Cory, ASHRAE Winter Meeting, Chicago*
- 1996 *The History of Fans: a fit case for ventilation*, W T W Cory, Woods Air Movement (GEC), February*
- 1997 *The Quest for Comfort*, {*Ventilation*}, Brian Roberts, CIBSE Centenary, IMI Waterheating*