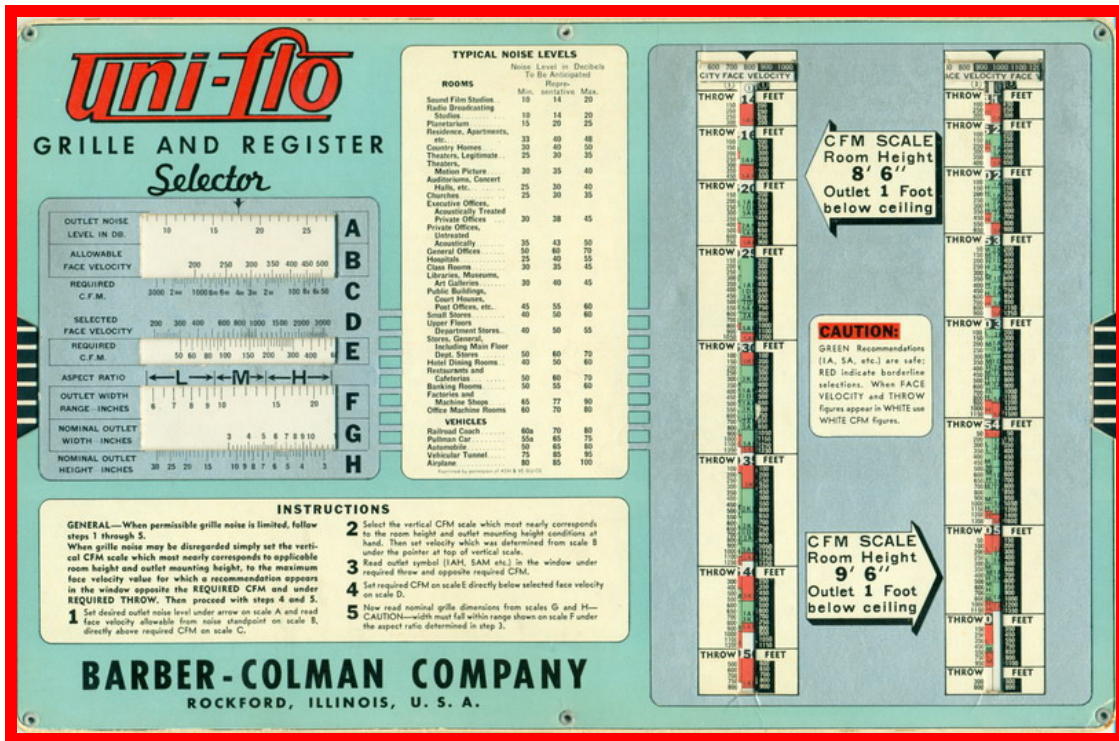
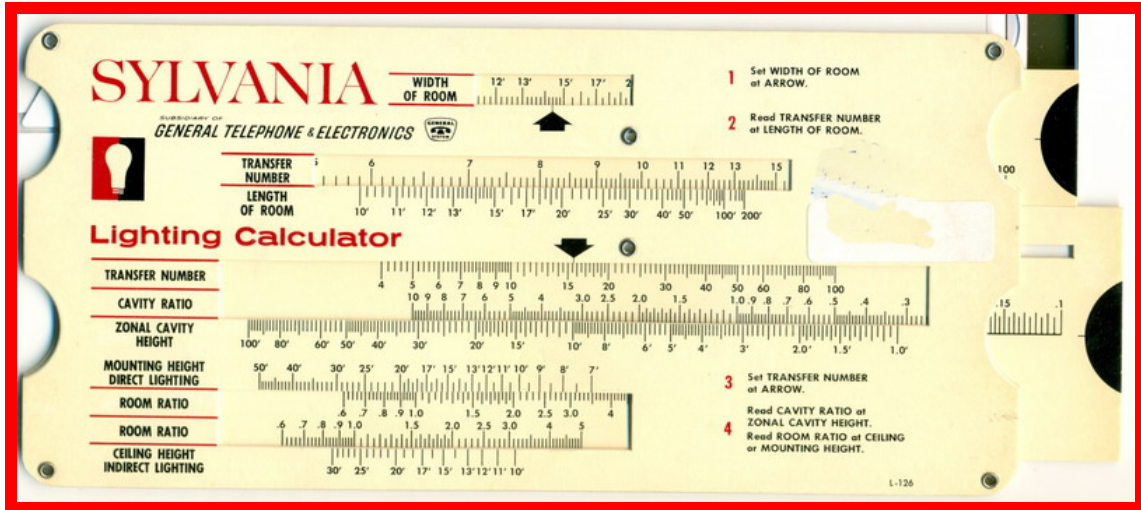


DESIGN AIDS



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ITEMS HELD: CALCULATORS & DESIGN AIDS BLUE/1 [42]

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1. Mears Electric Lighting Calculator, Metric: plastic circular, UK, 1970s(?).
 2. Mears Glare Index Calculator, Imperial, plastic circular, UK, 1960s(?).
 3. Mears Domestic Central Heating Calculator, Model No.4, Imperial, plastic circular, UK, 1960s(?).
 4. Solar Intensity/Wall Azimuth Angle Computer, R G Champkins, Metric/Imp, cardboard circular, UK, 1960s(?).
 5. M S Duct Weight Calculator, HVCA DW/121 & 132, SI, cardboard circular, UK, 1973. (BMR)
 6. Water Supply Piping Calculator, Imperial, cardboard circular on rectangular card, UK, c1960.
 7. Trane Heat Loss Calculator/Baseboard Convectur Selector, Imperial, cardboard circular on rectangular card, USA, 1956
 8. Matthews & Yates, Duct Sizing Charts, Imperial, cardboard rectangular, UK, 1950s(?).
 9. Carrier Duct Calculator (Static Regain & Equal Friction Methods), Imperial, cardboard rectangular with multiple slides, USA, 1973. (BMR)
 10. Carlyle (Carrier) 36R/36S (Induction) Unit Selector, Imperial, cardboard circular, UK (USA origin), 1960. (BMR)
 11. Trane Ductulator (Duct Sizing Calculator), Imperial, cardboard circular on rectangular card, USA, 1960. (BMR)
 12. BSI Metric Conversion Slide Rule, plastic rectangular, 1970s. (BMR)
 13. Alcon (Solenoid Valves) Metrerverter, plastic rectangular, UK, 1970s(?). (BMR)
 14. Crane Pump Fault Finder, Imperial, plastic rectangular, UK, 1968. (BMR)
 15. Vibration Eliminator Co, "Pocket Guide to Machinery Isolation" with slide selectors, Imperial, cardboard booklet, USA, 1966. (BMR)
 16. Daylight Factor Protractors (9-off), BRS, UK, 1941.
 17. Daylight Factor Protractors (Nos.5 & 6), BRS, UK, 1950.
 18. Daylight Factor Protractors (Nos.7 & 8), BRS, UK, 1946.
 19. Daylight Factor Protractors (Nos.9 & 10), BRS, UK, 1946.
 20. Shell/BP Heat Loss Estimator, Imperial, circular plastic, UK, 1960s(?).

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ITEMS HELD: CALCULATORS & DESIGN AIDS BLUE/2 [43]

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21. Daylight Factor Protractors, (Nos.1 & 2), BRS, UK, 1946.
 22. Daylight Factor Protractors, (Nos.3 & 4), BRS, UK, 1950.
 23. GEC Visibility Indicator, rect card, USA, 1937(?).
 24. GEC/USAAF Anoxia Demonstration Chart, rect card, USA, 1940s(?).
 25. Psychrometric & Refrigeration Charts (boxed set) from " Automatic Refrigeration" by Anderson, Denmark(?), 1959.
 26. Ozonair Filter Selector, cardboard circular, UK, 1960s. (BMR)
 27. Airpower (air handling units) Fault Finding Chart, plastic rect, UK, c1978.(BMR)
 28. Carlyle (Carrier) Psychrometric Chart, Imperial, plastic rect, UK (USA origin), c1965. (BMR)
 29. Trane Psychrometric Chart, Imperial, plastic rect, USA, 1960. (BMR)
 30. Camfil Psychrometric Chart/Filter Know-How, Metric, plastic rect, UK 1970s(?). (BMR)
 31. Carrier Psychrometric Chart (1921), Imperial, mounted on Lamicoid (mica), USA, 1920/30s.
 32. Airpower Psychrometric Chart, Imperial/Metric, plastic rect, UK, c1982. (BMR)
 33. Titus Diffuser/Grille Outlet Selector, Imperial, rect cardboard with slides, USA, 1961. (BMR)
 34. Pipe-O-Graph, Fittings Resistance Slide Calculator, Imperial, rect cardboard with slides, USA, 1965. (BMR)
 35. Sylvania Lighting Calculator, Imperial, rect cardboard with slides, USA, 1970s(?).
 36. IAC Acoustics Calculator/Silencer Selector, Metric, rect plastic with slide, UK, 1970s(?). (BMR)
 37. Andrews Psychrometric Chart, Metric/Imperial, rect plastic, UK, 1980s(?). (PGY)
 38. Carrier miniature Psychrometric Chart & Data Tables, Imperial, in plastic, USA, 1960. (BMR)
 39. Airpower Psychrometric Chart, Metric/Imperial, rect plastic, UK, c1978. (BMR)
 40. Heating Calculator No.2, Metric, rect cardboard and plastic with slides and steel pointer, Switzerland, 1965.

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41. Heating Calculator No.3, Metric, rect cardboard and plastic with slides and steel pointer, Switzerland, 1966.
 42. Biddle Heating/Cooling Air Load Calculator, graph, Imperial, rect plastic, UK, 1964(?)
 43. Sigmund Pumps Domestic Heating Small-Bore Calculator, circ plastic, UK., 1960s(?).
 44. Alexander Diagram: Sewer/Mains Water Sizing Chart, fold-out in book, UK, 1906.
 45. Airpower Psychrometric Chart, Metric, rect plastic, UK, c1985.(BMR)
 46. Andrews Refrigerant Temperature/Pressure Converter, Metric, circ plastic, UK, 1980s(?), (PGY).
 47. United Flexible Pipeline Expansion Calculator, Metric, plastic slide rule, UK, c1960, (BMR).
 48. Binder Eng (pipe fixings) Metric/Imp Converter, plastic slide, UK, 1970s (BMR).
 49. Dunham Bush/Webster Pump Data Card, Imperial, plastic, USA, 1972 (BMR).
 50. Heat Transfer Ltd Metric/Imp Converter, plastic, UK, 1970s (BMR).
 51. CITB Metric Conversion Tables, booklet, UK, 1970s (BMR).
 52. Johnson Controls Valve Sizing Slide Rule & Metric Converter, cardboard slide, (labelled PP Controls, UK), origin USA, 1977, (BMR).
 53. Forced Hot Water Pipe Sizing Charts, rect cardboard folder with charts in coloured inks, based on data in USA textbook (Konrad Meir 1912), date unknown.
 54. ibid. Hot Water Gravity Pipe Sizing Charts.
 55. ibid. Low Pressure Steam Pipe Sizing Charts (5 psi).
 56. ibid. High Pressure Steam Pipe Sizing Charts (70 psi).
 57. Short & Mason Hygrorule, (humidity slide rule), 1960s(?).
 58. Grundfoss slide rule, Denmark(?), 1960s(?).
 59. Trane Ruler for Trane Psychrometric Chart (2), Imperial, USA, 1950s.
 60. IHVE Hygrometric Data, Imperial, Celluloid Data Cards (2)(2-sets) 1950s(?).

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ITEMS HELD: CALCULATORS & DESIGN AIDS BLUE/4 [45]

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* these items in ring file

61. IHVE Hygrometric Data, Imperial, celluloid data cards, (2), UK, 1950s(?).
62. Waterworks Plumbing "Leaky Pipe Card Game", boxed novelty card game with miniature pipe wrenches, Parker Bros USA, c1975 (BMR).
63. Gaz de France M326, Ventilation Design Handbook, Charts & Slide Rule, Metric, France (1972).
64. Gaz de France M338, Ventilation Design Handbook, Charts & Slide Rule, Metric, France (1972).
65. Gaz de France M327, Ventilation Design Handbook & Charts, Metric, France (1972).
66. Mollier Diagrams, Verlag Theodor Steinkopff, Dresden, Germany (1969).
- 67* Trane Educational Material, USA, 1956.
- 68* Trane Educational Material, USA, 1959.
- 69* Trane AHU Computer Program, input form, USA, c1971. (BMR).
- 70* IHVE Psychrometric Chart 30-130 F, 1950s. (BMR).
- 71* IHVE Hygrometric Nomogram 30-130 F, 1950s (BMR).
- 72* IHVE Psychrometric Chart, 60-300 F, 1950s. (BMR).
- 73* Carrier Psy Chart, Normal Temperatures, USA, 1946. (BMR).
- 74* Carrier Psy Chart, High Temperatures, USA, 1946 (BMR).
- 75* Carrier Psy Chart, Low Temperature, USA, 1946 (BMR).
- 76* Trane Instructions for Using Psy Chart, USA, 1956 (BMR).
- 77* Trane Psy Chart 1935 version, USA, c1956 (BMR).
- 78* Trane Load Estimate Sheet, USA, 1957 (BMR).
- 79* Trane Radiation Work Sheet, USA, 1958 (BMR).
- 80* Trane "Rapid Selection of Heating Coils" (chart), USA, c1970 (BMR).