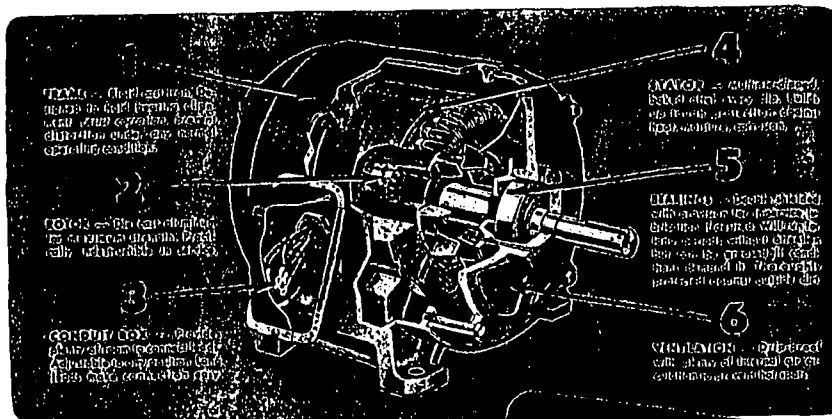


Look for These 6 Signs of Good Motor Design



Get Allis-Chalmers Motors for these Extra Values!

MOTORS

Certified Service — Nearly 100 Allis-Chalmers Certified Service Shops provide factory-approved parts and service on your Allis-Chalmers motors. Screened for modern equipment, adequate experience and business integrity, these independently owned service shops will provide you with prompt, economical repair and maintenance.

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PUMPS — Integral types from 1/2 to 72 in. discharge and 750 gpm.

Power

JUNE 1953 • VOLUME 97 NUMBER 6

ENGINEERING AND MANAGEMENT

Air conditioning gives you quick return for your money	73
Proper water treatment for packaged boilers	76
313 items to follow up in designing a new plant	78
Isynchronous hydraulic governors for accurate diesel speed control	82
Gas turbine carries load on Texas lines	84
COMPRESSING AIR : 20-page handbook on modern air systems	85
How compressors work	86
Reciprocating types	88
Rotating types	92
Portable types	95
Compressor accessories	96
Control	98
Compressor selection	100
System layout	102
Data Sheet Number 252: Figuring coal costs	105

PLANT OPERATION AND MAINTENANCE

Cards slash maintenance in busy manufacturing plant	109
Check points for chlorine safety	112
Know-how plus planning expands 50-yr boiler for fuel change	114
Meet that hydraulic workhorse: the reciprocating feed pump	116
Use pyrometer readings for diesel trouble-shooting	118
Exhaust nuisance stopped in wire mill	120
Now let's pack your refrigerating compressor	122
Mechanical variable-speed transmission: No. 2 in a series	124
Mobile workshop speeds electrical construction	126
Paralleling compound generators	127
Practical ideas	128
Plant problems	134
How-to	139
Argument corner	140
Headwork	142
Marmaduke Surfaceblow	144

READER SERVICE SECTION

Defense digest	148	New free bulletins	165
Power news	150	George Edwards	168
Technical briefs	152	Bookshelf	246
Plant equipment news	156	My biggest boner	250



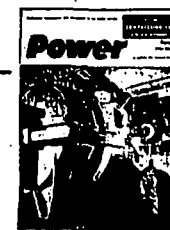
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POWER • JUNE 1953



AIR CONDITIONING, once a novelty, has become just about standard equipment for modern office buildings. Typical of these installations is the 1200-ton plant at 260 Madison Ave., N.Y.C., pictured on our cover. Taken in full color by Syd Karsen of McGraw-Hill photographic staff, the photo shows this fine layout to advantage. In industry, air conditioning has also become standard for specialized process applications, but its value on a plant-wide basis is still subject to debate. For one side of this discussion, turn to pp 73-75, where the president of Rotor Tool Co tells what complete air conditioning did for his metal-working plant. He makes a mighty good case for it, citing dividends in production, quality and employee morale.

Next month . . .

Unless expected release is delayed, July will bring you a special report on nuclear power. It will summarize studies made by four industry teams—including plant layouts and estimated costs. So you may easily grasp these history-making proposals for commercial power from the atom, we're including an exclusive review of the fundamentals of nuclear fission.

Next Operator's Notebook will deal with centrifuges for fuel and lube-oil purification—how to use them, how to keep them in top operating shape.

A unique picture story in July will take you, step by step, through a big power-plant insulating job. It will show how modern materials are applied by modern methods to boilers, turbines, ducts, piping, auxiliary equipment.

Variable-displacement pumps get the call where flow must be controlled within close limits. Upcoming article tells how typical designs operate, how to apply them, what they can do.

. . . and future months

Associate Editor Jim O'Connor has just completed a two-month tour of leading makers of electrical equipment, top consultants and big users. Primed with the latest dope, he's starting to produce what promises to be an outstanding report. More about it later!