

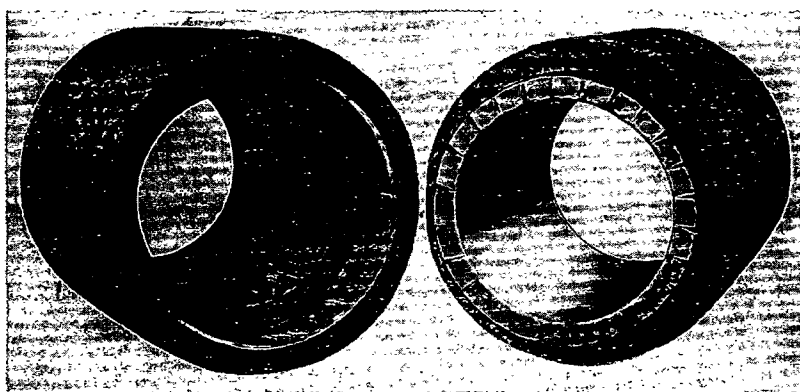
A. Wyckoff & Son Company

Elmira, N. Y.

Send all inquiries to our only Office and Factory—105 Home Street
1855-1938

WYCKOFF celebrates its 83rd Anniversary and introduces a NEW EVER-LASTING Underground Redwood Steam Pipe Casing

Specified by Architects and Engineers, Installed by Leading Contractors



Unlined Redwood Casing Showing Socket End
Extra Heavy Shell Unlined Underground California All Clear Heart Stock Redwood Casing.

Tin Lined Redwood Casing Showing Tenon End
Extra Heavy Shell Tin Lined Underground Casing for Steam Pressures over 5 lb made of All Clear Heart Stock California Redwood

Made of California Redwood staves (no knots or sap) wound with heavy galvanized wire, covered with a tough, practically indestructible coating of Montezuma Asphalt. Redwood is impervious to water, insects, worms and rot, gives decades of economical service under the most trying conditions.

Wyckoff casings have an enviable record of durability in service as insulation for underground steam or hot water lines and the frost-proofing for exposed pipes. They cannot shrink, swell or warp, and will "stay put" for years. Made in 2 in., 3 in., or 4 in. thick shells with tenon and socket joints in lengths up to 12 ft.

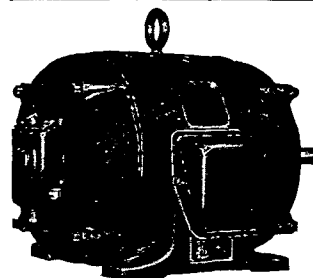
Immediate shipment from stock. Write for details and prices of this unique type casing, advising kinds and sizes of metal pipes to be covered.

(We also manufacture all clear Redwood Pipe for water supply lines, chemical lines, fume stacks, etc., in pressures up to 172 lb. Sizes 1 in. and up. Lengths to 12 ft.)

Century Electric Company

1806 Pine Street, St. Louis, Mo.

Offices and Stock Points in Principal Cities



MULTISPEED MOTORS $\frac{1}{8}$ to 200 Horse Power
Press the Button—Change the Speed . . .

Especially adapted to meet the variable or constant speed requirements of Fans, Ventilators, Refrigerators and similar apparatus where adjustable speed change is a requirement . . . Built for 2, 3, 4 or more speeds—automatic, push button or manual control . . . Wide or narrow speed ranges, such as 1800/1200 or 1800/600 down to 900/450 rpm (60 cycle) . . . Conventional open or splash-proof type . . . Special speed combinations are also available . . . Ball Bearings or phosphor bronze sleeve bearings.

CENTURY MOTORS

For Compressors, Pumps, Fans, Blowers, Refrigerators, Stokers, Oil Burners

Type of Motor	Horse Power Range	Starting Duty	Remarks	Applications
SINGLE PHASE MOTORS				
RS—Brush-Lifting	1/8 to 40	Heavy	Low Starting Current, High Starting Torque	Piston or Plunger Pumps, Refrigerators, Stokers, Compressors, etc.
BR—Brush-Riding	1/6 to 1/4	Heavy	Short Annual Service Characteristics	
CPH—Cap. Start and Run	1/8 to 10	Heavy	High Starting Torque	
CSH—Cap. Start	1/8 to 3/4	Heavy	High Starting Torque	Fans (Belted or Direct Connected) Centrifugal Pumps, etc.
CSN—Cap. Start	1 to 10	Medium	High Starting Torque	
CPX—Cap. Start and Run	1 to 10	Light	Must be Loaded to at Least 50 per cent Capacity	
SP—Split Phase	1/20 to 1/3	Medium	Unrestricted Starting Current, Special Service, High Torque	Oil Burners, Unit Heaters, Blowers, Fans, Small Tools, etc.
SP—Split Phase	1/20 to 1/3	Light	Restricted Starting Current, General Purpose	
POLYPHASE MOTORS				
SC—Squirrel Cage	1/8 to 600	Medium	Normal Starting Current Normal Torque	General Purpose Motors.
SCN—Squirrel Cage	7 1/2 to 200	Medium	Lower Starting Current than SC Normal Torque	
SCH—Squirrel Cage	3 to 200	Heavy	Low Starting Current High Starting Torque	Refrigerators, Piston or Plunger Pumps, Compressors, etc.
AS—Automatic Start	1 to 60	Heavy	Lower Starting Current than SCH High Starting Torque	
SR—Slip Ring	1 to 350	Heavy	For Frequent Starting and/or Speed Control	Fans, Blowers, Centrifugal Pumps, Compressors, etc.
DIRECT CURRENT MOTORS				
DM-DN-R Shunt Wound Constant Speed	1/20 to 300	Torque is limited only by Commutation. A Direct Current Motor has ample Torque to start any load that it can carry when up to speed. Starting Current is limited by Controller to about 150 per cent of full load current for light starting torque requirements with corresponding increases in current for increased starting torque	Fans, Blowers, Centrifugal Pumps, Machine Tools, etc.	
DM-DN-R Compound Wound Varying Speed	1/12 to 300		Reciprocating Pumps, Compressors and Machines with Flywheels, etc.	
DN-R Shunt Wound Adjustable Speed	1/2 to 200		Fans, Blowers, Machine Tools, etc.	

Quiet Starting—Quiet Running—Remarkably Free from Vibration—Keep Themselves Clean Inside—Easy to Keep Clean Outside—Harmonizing Appearance—Century Squirrel Cage Polyphase Motors are Especially Adapted to all types of Air Conditioning Equipment.