

WALKER BROTHERS

ENGINEERS

PAGEFIELD IRON WORKS, WIGAN.

WALKERS' PATENT FANS

"INDESTRUCTIBLE TYPE."

WALKER BROTHERS have had 24 years' experience in the construction of Ventilating Machinery for Collieries and Railway Tunnels. They have a large number of Fans in operation for the heaviest duties required in this country, viz.: from 250,000 cubic feet per minute with 4-in. water gauge, to 500,000 cubic feet per minute with 6-in. water gauge (in some cases a water gauge of 10 inches is provided for), besides a greater number for lighter duties. Their Fans are driven from the Engines by ropes, straps, or directly by the Engine.

They respectfully beg to call attention to the fact that the Engines for driving Fans may be more wasteful of power (fuel) than the Fans. It has been their care to give equal attention to Engines and Fan, so as to ensure freedom from breakdown with a high useful effect. The greater number of their Fans are now worked by Compound Condensing engines, which will bear comparison in their working, as to fuel economy, with any other class of Steam Engines.

The leading features of their Ventilating Machinery are strength and simplicity in construction, easy access for inspection to all details, with moderate velocities of the moving parts in working.

Their chief object has been to supply Ventilating Machinery which will bear continuous working without stoppage for repairs, with the least annual expenditure on fuel and general cost of maintenance.

They have received unsolicited testimonials recording tests made by Mining Engineers, which prove that their Fans give a useful effect surpassed by NO existing Fan.

WALKER BROTHERS supplied the Machinery to ventilate the Severn Tunnel, the Mersey Tunnel, the Glasgow Central Railway (Argyle Street Section), the Midland Railway Tunnel, St. Pancras, and other Railway Tunnels.

The Ventilating Machinery already supplied represents in the aggregate an exhausting capacity of over 40,000,000 cubic feet of air per minute.

FRANCIS T. PEACOCK, M. E., REPRESENTATIVE FOR CANADA 204 St. James St., Montreal