



The Largest Direct Connected Centrifugal Pumping Unit in British Columbia.

The Vancouver Power Company have recently installed at their works at Coquitlam Dam, B.C., the largest direct connected centrifugal pumping unit in British Columbia. This outfit is to operate in parallel with a number of other pumps that are to furnish water under pressure for sluicing into place the material for their new dam.

This pump is a 10-inch, class "F," two-stage centrifugal, with bronze impellers and renewable bronze diffusion vanes. It has a normal capacity of 1833 imperial gallons per minute when operating at 1160 r.p.m. against a total head of 355 feet or an equivalent pressure of 154 lbs. per square inch. It is mounted on a common sub-base with a 300 h.p. type "B," Fairbanks-Morse squirrel cage, induction motor, 2200 volts, 60-cycle, 3-phase,

1160 r.p.m. at full load, being direct connected thereto by means of a flexible leather link coupling

The motor possesses a feature in rotor construction that is unique. The end rings are welded on to the rotor bars by a new process, making a perfect joint, free from the troubles common to the purely mechanical or riveted joint, such as oxidation, working loose, and solder-throwing. This improvement marks a long step forward in the elimination of rotor trouble.

Our Vancouver Branch supplied and assembled this complete pumping unit. We are in a position to quote on the necessary equipment for any pumping requirements on receipt of specifications.

The Canadian Fairbanks-Morse Co., Limited

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