

GENERAL ELECTRIC COMPANY

SCHENECTADY, N. Y.

SALES OFFICES, WAREHOUSES, SERVICE SHOPS AND DISTRIBUTORS IN PRINCIPAL CITIES
For Code Wire, Conduit Products, Wiring Devices, Insulating Materials, etc.,
address Merchandise Department, Bridgeport, Conn.

Motors and Control

For Heating, Ventilating and Air Conditioning Systems
Quiet Operating Motors

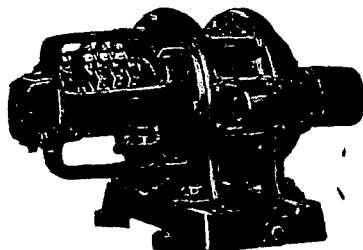
Motors and Control

In this time and age the public are demanding that unnecessary noises be subdued. Modern public buildings use electric motor driven ventilating fans to supply fresh and conditioned air. Ordinary motors will drive such equipment satisfactorily, but the occupants are likely to be well aware of the fact that such motors are in operation.

General Electric has designed and have available for shipment a complete line of quiet operating induction motors for use in office buildings, hotels, theatres, hospitals and other places where unnecessary noise is objectionable.

The same high standards of quality, electrical and mechanical strength, and

reliability are maintained in these quiet operating motors as in the well-known G-E General Purpose Motors. Each motor is tested for quietness before shipment.



MTB Wound Rotor Quiet Operating Induction Motor



Centrifugal, Housed Fans Driven by G-E Type KTB, Quiet-operating, Constant-speed Induction Motors in Union Trust Building, Detroit, Mich.

This Company will gladly assist in the solution of any electrical problem in relation to heating and ventilation

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The best method of mounting is to have both motor and fan on a common base, the whole base being mounted on proper insulating supports. Where the fan and motor are not on the same base, it is difficult to use any sound absorbing insulation under the motor without causing difficulty in keeping the equipment properly lined up.

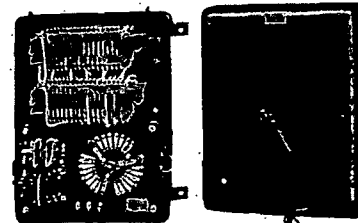
The location of the motor in the building with reference to the acoustics of the surrounding structure is a very important point, and while in one location a perfectly standard motor may be acceptable, the same motor may be entirely unsuitable in another location.

Alternating Current Control

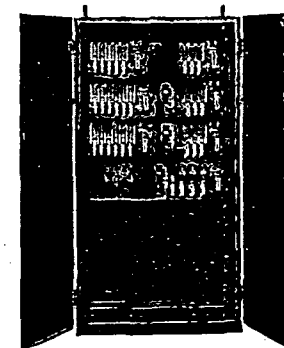
The General Electric Co. manufactures a complete line of control devices for starting and controlling motors driving ventilating fans. The table below gives briefly the line of controllers for use with alternating current motors. All controllers are of the enclosed type externally operated. Speed regulators are designed to give 50 per cent speed reduction on fan load and arranged to maintain equalized

current in all phases of the rotor which is necessary to maintain quiet operating motors.

Details may be obtained at the nearest sales office.



CR7765, 1-5 H.p. Controller



CR7761-F1, 20-50 H.p. Controller

Switches

Method of Operation	Type	Horsepower Range	Overload Protection	Remarks
Manual	CR1924	1/4-50	Fuse.....	Safety Type.
Manual	CR1038	1/4-5	Thermal Cut-outs.....	Tumbler Switch.
Push Button	CR7006	1/4-50	Temperature Relay.....	Contactors.
Push Button	CR7006F1	1-5	Fuse and Temperature Relay	Combined Magnetic Switch and Disconnection.

Starters

Manual	CR1034	5-50	Temperature Relay.....	Compensator Type.
Manual	CR1042	5-15	Temperature Relay.....	Resistance Type.
Push Button	CR7056	2-50	Temperature Relay.....	Resistance Type.
Push Button	CR7051	5-50	Temperature Relay.....	Compensator Type.
Push Button	CR7773	1-5	Time Limit.....	Combined Magnetic Starter and Circuit Breaker

Speed Regulators

Manual	CR1264	1-15		Requires Separate Switch.
Manual	CR7764C1	7 1/2-50	Temperature Relay.....	Combined Regulator and Switch.
Manual	CR7764H1	5-50	Time Limit.....	Combined Regulator and Circuit Breaker.
Push Button	CR7765	1-50	Temperature Relay.....	Preset Speed Type.
Push Button	CR7761	5-50	Temperature Relay.....	Remote Speed Indicating.

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