
INSTALLATION INSTRUCTIONS

COMMERCIAL ROOM VENTILATORS with 0-10 Vdc Modulating w/Integral Exhaust

MODEL
QWSCRV
(920-0194)

For Use with Bard QW*S Series Geothermal
2-Stage Heat Pumps



Climate Control Solutions

Bard Manufacturing Company, Inc.
Bryan, Ohio 43506
Since 1914...Moving ahead just as planned.

Manual : 2100-595
Supersedes: **NEW**
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**BARD MANUFACTURING COMPANY, INC.
BRYAN, OHIO USA 43506**

GENERAL

DESCRIPTION

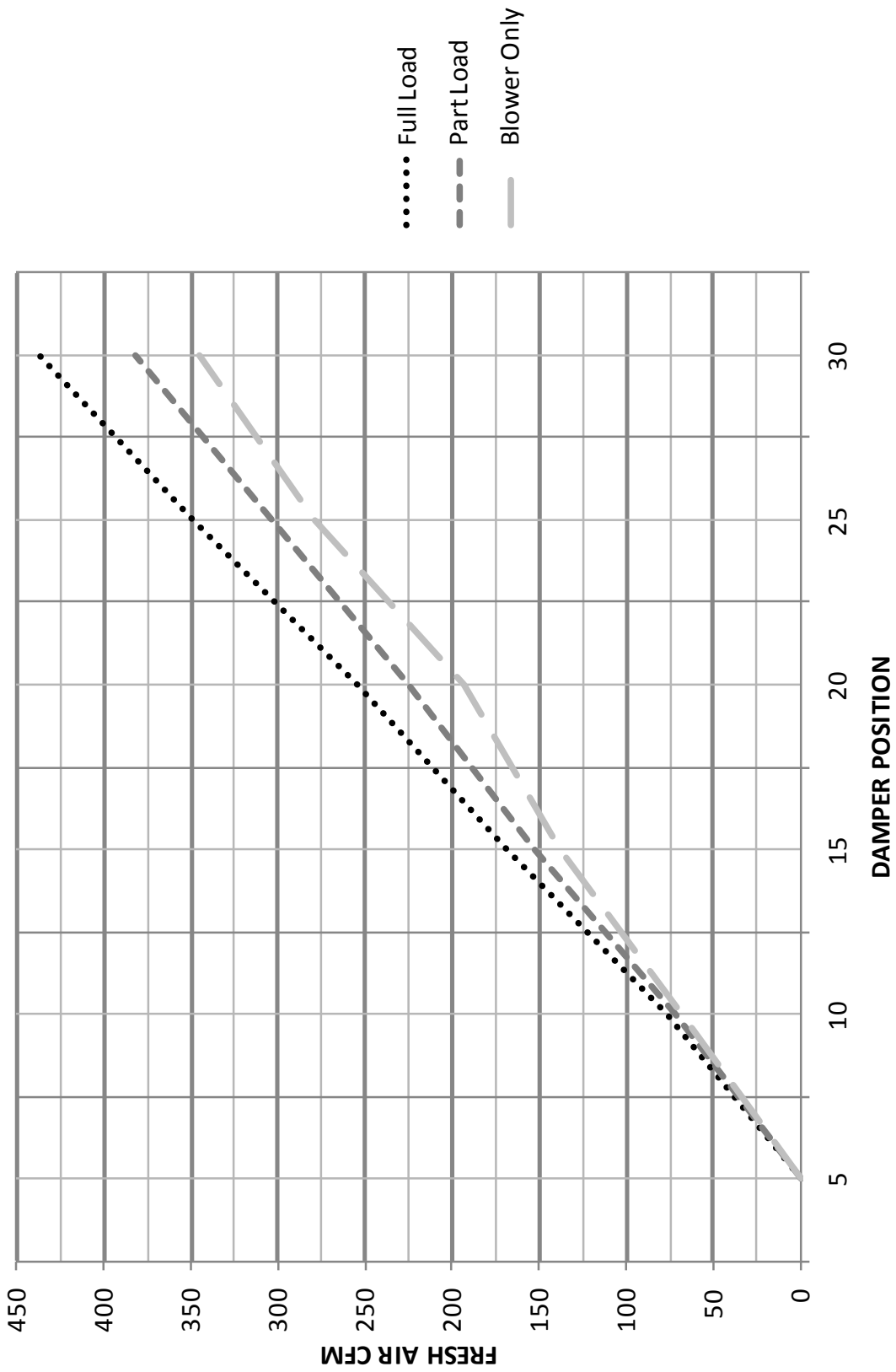
The QWSCRV ventilator is designed to be used with Bard QW*S Q-Tec series 2-stage geothermal heat pumps. It is an electromechanical vent system designed to provide fresh air to meet indoor air quality standards.

The 920-0194 ventilation system is designed specifically to allow control through the building DDC control. It does this by allowing a 0-10 Vdc modulating signal provided through the building DDC control to determine its position/ventilation CFM.

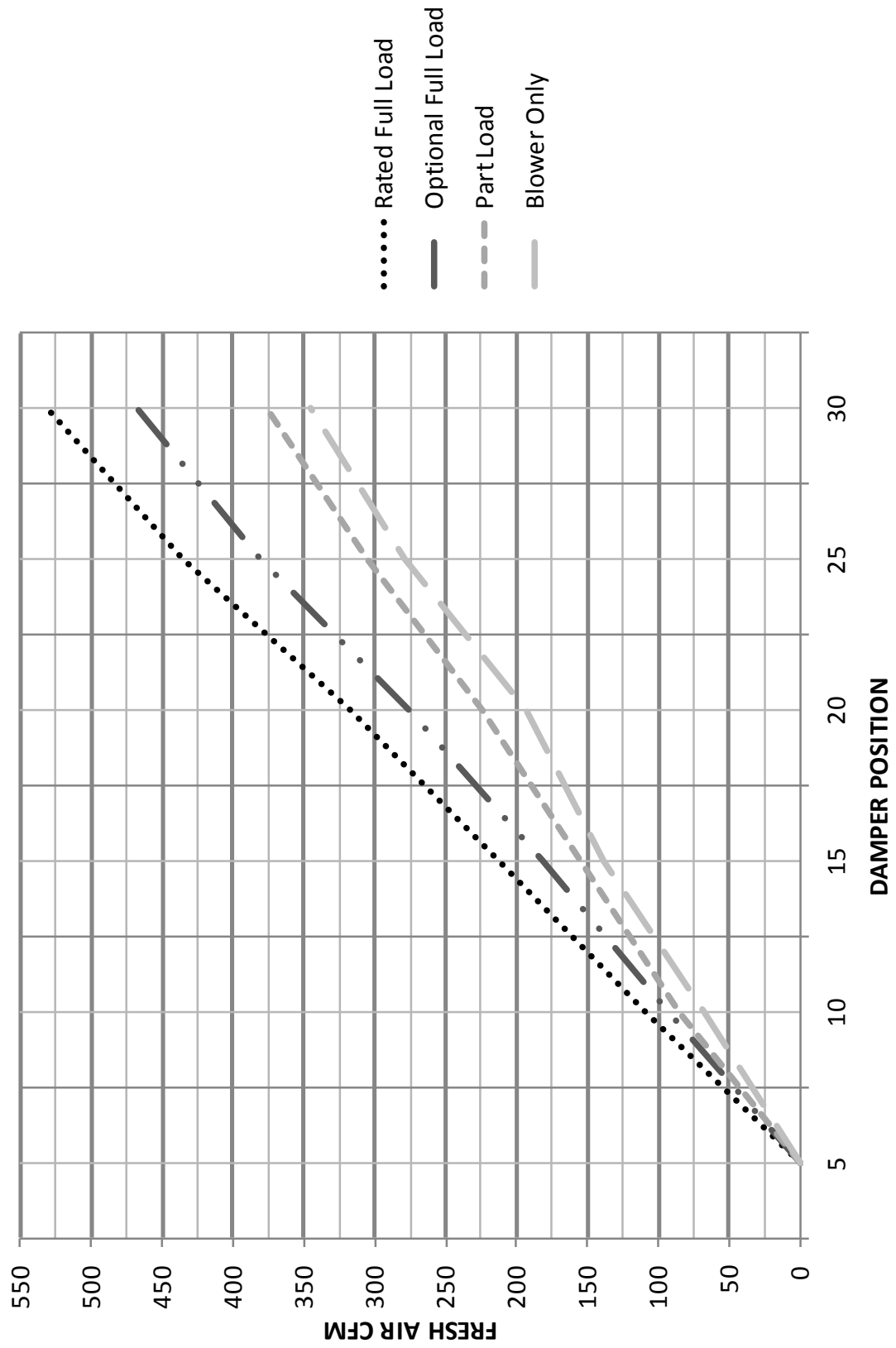
A subroutine will need to be created within the DDC system to regulate the damper position based upon the mode of operation, due to the fact that this is a multi-stage system, in which the indoor airflow changes with the mode of operation. With the change in indoor airflow, it also changes the ventilation CFM.

Please see the charts on the following pages that match the unit model number as a reference to the specific ventilation CFM's based upon the mode of operation to develop/create these subroutines.

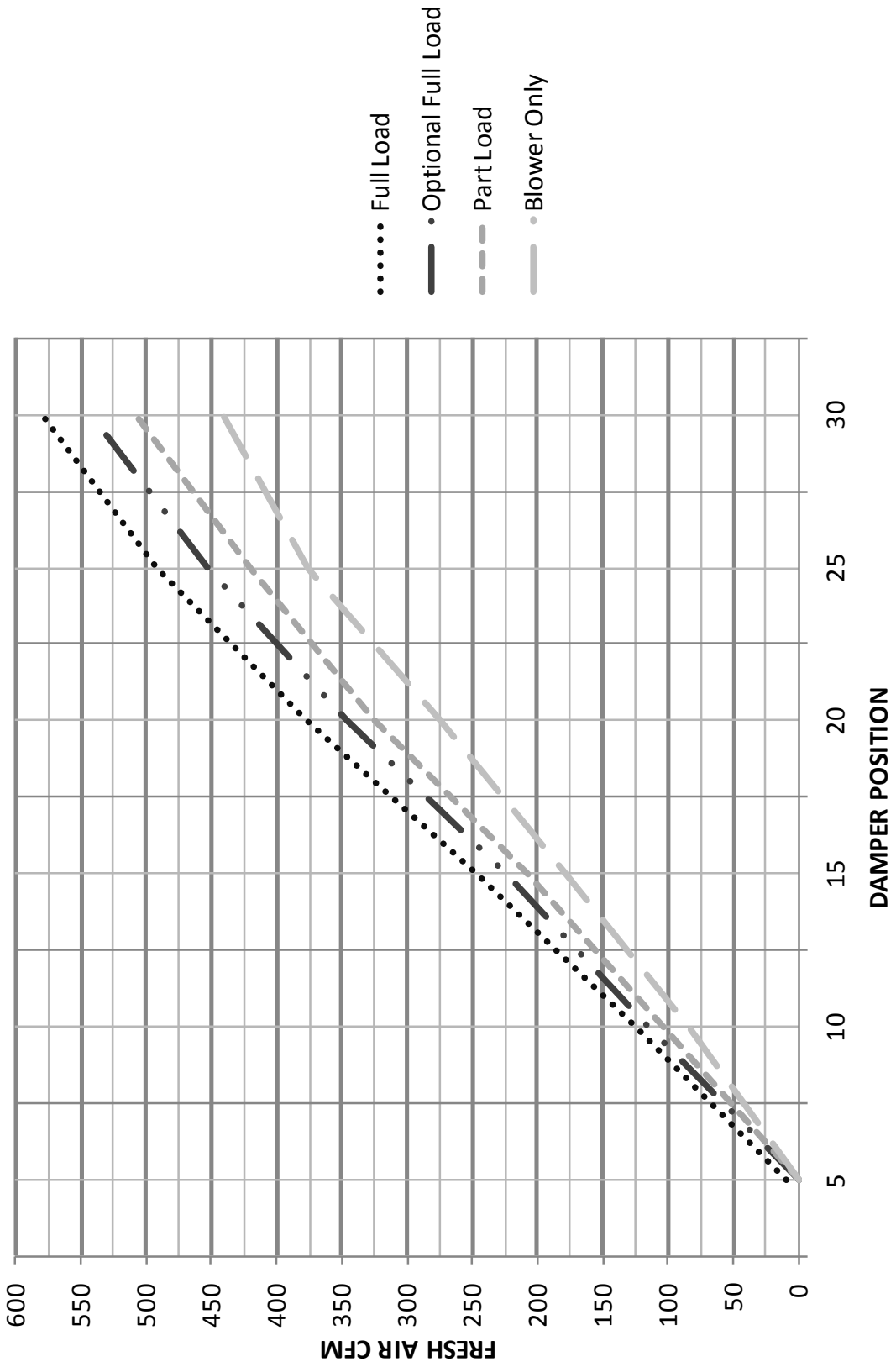
QW2S CRV AIRFLOW VS. DAMPER POSITION



QW3S CRV AIRFLOW VS. DAMPER POSITION



QW4S CRV AIRFLOW VS. DAMPER POSITION



QW5S CRV AIRFLOW VS. DAMPER POSITION

