

This is from our owner's manual for the ISB 2350:

Winterfronts and Shutters

Winterfronts and shutters can be used on a vehicle or equipment to reduce air flow through the radiator core into the engine compartment. This can reduce the time required to warm the engine and help maintain the engine coolant temperature. The engine coolant temperature specifications are in the Maintenance Specification (Section V).

This is from a presentation I had for cold weather operation:



- Minimize heat loss:
 - Use a temperature controlled fan
 - Viscous or on/off type clutch
 - Properly sized vent lines to reduce coolant flow bypassing the thermostat
 - **Use of a winter front**
 - **A minimum opening of 60 square in. is required for the ISB CM850**
 - **A minimum opening of 120 square in. is required for the ISC/ISL CM850, ISM CM870/875 & ISX CM870 engines**
 - **A series of slots is preferable to one large opening in the center of the CAC**

