



Form: CS039.00WI	Issuer: Quality Assurance Manager	Rev Num: 1
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Title: AC Troubleshooting		

Failure	Reason	Troubleshooting
Unit doesn't start	No power supply	Check the electrical connection.
	Cabinet temperature is lower than set point	Wait until the set point is reached. The unit will then start automatically. If the set point of the cabinet is too high, reduce it accordingly.
	Door contact is open	Close the cabinet door or bridge the door contact.
Unit doesn't cool	Compressor is faulty	Please get in contact with Customer Service.
	The circuit breaker of the compressor got activated	Check the cooling capacity. In case the cooling capacity is too small, install the unit at a different place or add another cooling unit.
	The evaporator and/or condenser are extremely dirty	Evaporator and/or condenser need cleaning.
Evaporator is iced up	Not enough refrigerant due to leaking cooling circuit	Refill refrigerant and reseal cooling circuit. Please contact the manufacturer.
	Ambient temperature is much lower than the allowed operating temperature or range	Install the unit at a different place. The ambient temperature must be within the stated operating temperature range.
	The control cabinet is not sealed properly	Enclosure door left open and the AC is running too much with air escaping the enclosure. Cabinet needs resealing.
	Fan or fan capacitor on the cold side are faulty.	Replace fan and/or fan capacitor.
Too much condensate	Cabinet door not closed	Ensure the cabinet door is closed properly.
	The cabinet is not sealed properly.	Ensure all openings into enclosure are closed and sealed.
	Incomplete gasket between cooling unit and cabinet	Check gasket.
Uneven air circulation inside cabinet	Cabinet air intake and air outlet are blocked	Ensure that both are unblocked and air can circulate.
	Cabinet volume is too big for this cooling unit	Check the cooling capacity. In case the cooling capacity is too small, install the unit at a different place or add another cooling unit.
Condenser fan doesn't work	Fan is faulty	Replace fan.
Evaporator fan doesn't work	Fan is faulty	Replace fan.

Maintenance & Cleaning



Always switch power supply off before starting any maintenance on the unit. Any repairs that may be needed must only be done by qualified personnel. The cooling unit is a low-maintenance type and no filter is required for most environments. If an air filter is installed, check it periodically for dirt and clogs. Clean or replace filter when necessary.

Ask for the Service Request Form:
technical@saginawcontrol.com