

## NO.1 INSUFFICIENT AIR (OR NO AIR) BLOWN FROM VENTS [MANUAL AIR CONDITIONER]

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<b>1</b>	<b>Insufficient air (or no air) blown from vents</b>
<b>DESCRIPTION</b>	<ul style="list-style-type: none"> <li>• Problem with each vent and/or duct.</li> <li>• Airflow mode does not change.</li> </ul>
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Malfunction in airflow mode wire</li> <li>• Malfunction in VENT mode system</li> <li>• Malfunction in HEAT mode system</li> <li>• Malfunction in DEFROSTER mode system</li> <li>• Malfunction in next vent or duct (clogging, deformation, air leakage, improper operation)</li> </ul>

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT A/C UNIT AIRFLOW MODE SYSTEM</b> <ul style="list-style-type: none"> <li>• Inspect the A/C unit and/or climate control unit airflow mode links, air airflow mode cranks, air airflow mode rods, and wire clamp. <ul style="list-style-type: none"> <li>— Is there grease on links and cranks?</li> <li>— Are links, cranks, and rods securely installed in their proper positions?</li> <li>— Is wire clamp free of deformation?</li> </ul> </li> <li>• Are the above items normal?</li> </ul>	Yes Go to the next step.
		No Apply grease or airflow mode the links, cranks, and rods securely in their proper positions, repair or replace the airflow mode wire clamp, then go to Step 9.
2	<b>INSPECT TO SEE WHETHER MALFUNCTION IS IN VENT MODE OR OTHER MODES</b> <ul style="list-style-type: none"> <li>• Does air blow out when in the VENT mode?</li> </ul>	Yes Go to Step 5.
		No Go to the next step.
3	<b>INSPECT VENT</b> <ul style="list-style-type: none"> <li>• Is the vent clogged?</li> </ul>	Yes Remove obstruction, then go to Step 9.
		No Go to the next step.
4	<b>VERIFY THAT DUCT IN DASHBOARD IS INSTALLED</b> <ul style="list-style-type: none"> <li>• Is the duct in the dashboard properly installed?</li> </ul>	Yes Inspect the duct for clogging, deformation and air leakage, then go to Step 9.
		No Install the duct securely in the proper position, then go to Step 9.
5	<b>INSPECT TO SEE WHETHER MALFUNCTION IS IN HEAT MODE OR DEFROSTER MODE</b> <ul style="list-style-type: none"> <li>• Does air blow out when in the HEAT mode?</li> </ul>	Yes Go to the next step.
		No Inspect the vent for clogging, then go to Step 9.
6	<b>INSPECT DEFROSTER MODE</b> <ul style="list-style-type: none"> <li>• Does air blow out when in the DEFROSTER mode?</li> </ul>	Yes Operation is normal. Recheck malfunction symptoms.
		No Go to the next step.
7	<b>INSPECT VENT</b> <ul style="list-style-type: none"> <li>• Is the vent clogged?</li> </ul>	Yes Remove obstruction, then go to Step 9.
		No Go to the next step.
8	<b>VERIFY THAT DEFROSTER DUCT IS INSTALLED</b> <ul style="list-style-type: none"> <li>• Is the defroster duct properly installed?</li> </ul>	Yes Inspect the duct for clogging, deformation, and air leakage, then go to the next step.
		No Install the duct securely in proper position, then go to the next step.
9	<b>CONFIRM THAT MALFUNCTION SYMPTOM DOES NOT RECUR AFTER REPAIR</b> <ul style="list-style-type: none"> <li>• Does air blow out?</li> </ul>	Yes Troubleshooting completed. Explain repairs to customer.
		No Recheck malfunction symptoms, then repeat from Step 1 if the malfunction recurs.