

domestic and professional appliances

## **Service Manual**

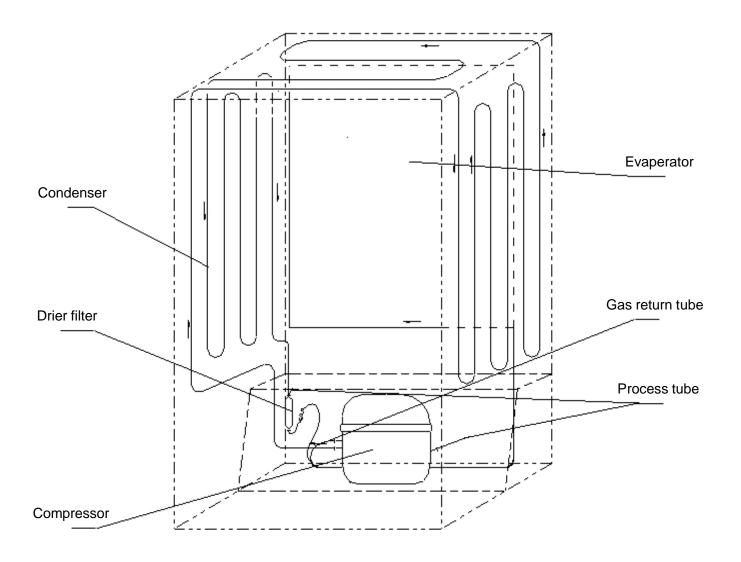


\***905.011**KOELKAST 140 LITER

1. Coolingsystem 2. Trouble shooting guide

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## The cooling system



## **Trouble shooting guide**

| The refrigerator does not get cold at all.  The refrigerator does not get cold at all.  Is the circuit breaker tripped or blown fuse? Set the temperature control knob at all.  Is the refrigerator temperature control setted at "off"? Set the temperature control knob at 4".  The refrigerator does not get cold enough.  Is the refrigerator placed in direct sunlight or closely a heat course?  Is the refrigerator placed in direct sunlight or closely a heat course?  Does the door opened too frequently or too long? Open the door less often, Does the door gasket seal properly?  Is the refrigerator overloaded? Course the door close to door close of the cabinet are hot-condensation occurs.  The refrigerator is fire above the condensation occurs.  The refrigerator is fire above the cabinet are hot-condensation occurs.  The refrigerator is fire above the condensation occurs when you leave the door open for a long time.  The refrigerator is not level and firm.  The door can not condensation of the refrigerator unstable or touching the wall?  The door can not close properly.  The door can not cover when you leave the door open for a long time.  The refrigerator is not level and firm.  The refrigerator is not level and firm.  Valer bubbling comes from the refrigerant circulating of the refrigerator in a level location.  The refrigerator unstable or touching the wall?  The door can not close properly.  The door can not close properly installed?  Adjust the refrigerator leveling.  Were the doors not properly installed?  Assure the doors installed propertly list the door gasket.  The lamp does not the doors installed propertly is the refrigerator not level?  Assure the doors installed propertly is the temperature too high?  Is the refrigerator's door close completely?  Assure the door close completely.  Is the emperature controller in freezer chamber or in refrigerator.  Load less food into the refrigerator.  | Trouble shooting galde |                                  |   |   |  |
|--|------------------------|----------------------------------|---|---|--|
| The refrigerator of all.  The refrigerator deso not get cold at all.  The refrigerator desorbed and in the refrigerator control dialed set to correct location? Set it to a colder temperature. It is the refrigerator temperature control dialed set to correct location? Set it to a colder temperature. It is the refrigerator placed in direct sunlight or closely a heat source?  The refrigerator does not get cold anough.  It is the refrigerator placed in direct sunlight or closely a heat source?  Is the door closed completely?  Does the door opened too frequently or too long?  Does the door opened too frequently or too long?  Does the door opened too frequently or too long?  Does the door opened too frequently or too long?  Does the door opened too frequently or too long?  The food in the refrigerator is incisen.  Two sides of the cather and the content temperature too low?  Two sides of the cather and the content temperature too low?  Two sides of the cather and the content temperature too low?  The refrigerator is installed in two sides of refrigerator. That makes refrigerator is refrigerator or is installed in two sides of refrigerator. That makes refrigerator is refrigerator is refrigerator is refrigerator is refrigerator in the propertive lower of the content of  | No                     | Problem                          | Possible Cause  | What To Do  |  |
| Some soil per cold at all.   Is the refrigerator temperature control setted at "off"?   44".   | 1                      | does not get cold at             | Not plugged in.   | Plug in   |  |
| Is the refrigerator temperature control setted at "off"? 34". 34". 34". 34". 34". 34". 34". 34".   |                        |                                  | Is the circuit breaker tripped or blown fuse?               |   |  |
| Second Process of the color o   |                        |                                  | Is the refrigerator temperature control setted at "off"?    | Set the temperature control knob at "4".                      |  |
| The refrigerator does not get cold enough.  The refrigerator does not get cold enough.  The refrigerator does not get cold enough.  The food in the refrigerator is frozen  The food in the cabinet are hot: condensation occurs.  Two sides of the cabinet are hot: condensation occurs.  The refrigerator is frigerator is frigerator is frigerator is frigerator.  The refrigerator is frigerator is frigerator is frigerator.  The refrigerator is frigerator is in the refrigerator is frigerator.  The refrigerator is frigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is frigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is noisy.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is not level and firm.  The re | 2                      | does not get cold                | Is the refrigerator control dialed set to correct location? | Set it to a colder temperature.                               |  |
| Second the close and get colder on lease of the content of the c   |                        |                                  |   |   |  |
| Does the door gasket seal properly?  Is the refrigerator overloaded?  The food in the refrigerator is forzen  The food in the refrigerator is forzen  Two sides of the cabinet are hot condensation occurs.  The refrigerator is a time.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is noisy.  The refrigerator is noisy.  The lamp does not close properly.  The lamp does not work.  The lamp does not work.  The lamp does not work.  The lamp for all long time.  Does the door gasket seal properly?  Is the refrigerator control dialed set to correct location?  Set it to a warmer temperature.  Set it to a warmer temperature. |                        |                                  | Is the door closed completely?                              | Close the door completely.                                    |  |
| Signature   Sign   |                        |                                  | Is the door opened too frequently or too long?              | Open the door less often,                                     |  |
| The food in the refrigerator is frozen  Two sides of the cabinet are hot: condensation occurs.  The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is noisy.  The refrigerator is noisy.  The refrigerator is noisy.  The lamp does not work.  The lamp does not work.  The lamp does not work.  The lamp does not long time.  Set it to a warmer temperature.  Is the ambient temperature too low?  Hot-pipe is installed in two sides of refrigerator. That makes refrigerator is temperture lowquckly and save the power consumption  Condensation can occur when you leave the door open for a long time.  Water bubbling comes from the refrigerant circulating of the refrigerator.  Contraction and expansion of the insulation inside the walls may cause popping and cracking.  Is the refrigerator unstable or touching the wall?  Were the doors not properly installed?  Adjust the refrigerator leveling.  Were the doors not properly installed?  Assure the doors installed propertly cleaning and flatting the door gasket.  The lamp does not work.  The sthe ambient temperature too high?  Is the efrigerator's door close completely?  Assure the door close completely.  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position.  Too much food is loaded into the refrigerator and insufficient chamber is set at "strong" position.  The door were not closed completely or the gasket not sealing close the doors completely or make the gasket sealing enough.  |                        |                                  | Does the door gasket seal properly?                         | Make the gasket sealing properly.                             |  |
| refrigerator is frozen  Is the ambient temperature too low?  Two sides of the cabinet are hot: condensation occurs.  The refrigerator's temperture lowquckly and save the power consumption  Condensation can occur when you leave the door open for a long time.  The refrigerator is not level and firm.  Place the refrigerator in a level location.  The refrigerator is not level and firm.  Water bubbling comes from the refrigerant circulating of the refrigerator. Contraction and expansion of the insulation inside the walls may cause popping and cracking.  Is the refrigerator unstable or touching the wall?  Keep the refrigerator leaving the wall.  Is the refrigerator not level?  Were the doors not properly installed?  Assure the doors installed propertly is the door gasket dirty and distortion?  The lamp does not work.  The lamp does not work.  The ambient temperature too high?  Is the mable or controller in freezer chamber or in refrigerator consumption.  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.   |                        |                                  | Is the refrigerator overloaded?                             | Load less food into it.                                       |  |
| Two sides of the cabinet are hot: condensation occurs.   Hot-pipe is installed in two sides of refrigerator. That makes refrigerator's temperture lowquckly and save the power condensation occurs.   Hot-pipe is installed in two sides of refrigerator. That makes refrigerator's temperture lowquckly and save the power consumption  | 3                      | refrigerator is                  | Is the refrigerator control dialed set to correct location? | Set it to a warmer temperature.                               |  |
| The refrigerator is not level and firm.  The refrigerator is noisy.  The refrigerator is noisy.  The refrigerator is noisy.  The amp does not work.  The lamp for all long time.  The lamp for all long time.  The lamp for all long time.  The door were not closed completely or the gasket not sealing enough.  To much food is loaded into the refrigerator and seaket sealing enough.  To much food is loaded completely or the gasket not sealing consense for the power consumption occurs when you leave the power consumption occurs.  Normal state.  Normal state.  Normal state.  Reep the refrigerator leaving the wall.  Normal state.  Reep the refrigerator leaving the wall.  Reep the refrigerator leaving the wall.  Reep the refrigerator leaving the wall.  Step the doors installed propertly.  Step the doors not propertly installed?  Assure the doors installed propertly.  Put on the home circuit breaker or change the new fuse.  Sets it at a right position.  To much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.   |                        |                                  | Is the ambient temperature too low?                         |   |  |
| Occurs.   Condensation can occur when you leave the door open for a long time.   | 4                      | cabinet are hot:<br>condensation | refrigerator's temperture lowquckly and save the power      | Normal state.   |  |
| The refrigerator is not ever and min. location.  The refrigerator is noisy.  Water bubbling comes from the refrigerant circulating of the refrigerator.  Contraction and expansion of the insulation inside the walls may cause popping and cracking.  Is the refrigerator unstable or touching the wall?  Is the refrigerator not level?  Were the doors not properly installed?  Assure the doors installed propertly ls the door gasket dirty and distortion?  The lamp does not work.  The lamp does not work.  The lamp does not level installed propertly?  Is the refrigerator in the level installed?  Has the home circuit breaker or fuse tripped?  Is the refrigerator's door close completely?  Assure the door close completely.  Assure the door close completely.  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator.  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  |                        |                                  | · · · · · · · · · · · · · · · · · · ·                       | Normal state.   |  |
| The refrigerator is noisy.  Is the refrigerator unstable or touching the wall?  Is the refrigerator unstable or touching the wall?  Is the refrigerator not level?  Were the doors not properly installed?  Assure the doors installed propertly leading and flatting the door gasket.  The lamp does not work.  The lamp does not work.  The lamp does not level?  Assure the doors installed propertly Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Is the refrigerator's door close completely?  Assure the door close completely.  Assure the door close completely.  Sets it at a right position.  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  | 5                      | Vibrations                       | The refrigerator is not level and firm.                     |   |  |
| The refrigerator is noisy.  Is the refrigerator unstable or touching the wall?  Is the refrigerator unstable or touching the wall?  Is the refrigerator unstable or touching the wall?  Adjust the refrigerator leveling.  Adjust the refrigerator leveling.  Assure the doors installed propertly  Is the door gasket dirty and distortion?  Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Is the refrigerator's door close completely?  Assure the door cannot cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Is the refrigerator's door close completely?  Assure the door close completely.  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Close the doors completely or make the gasket sealing enough.  |                        | _                                |   | Normal state.   |  |
| Is the refrigerator unstable or touching the wall?  Is the refrigerator not level?  Adjust the refrigerator leveling.  Adjust the refrigerator leveling.  Adjust the refrigerator leveling.  Assure the doors installed propertly  Is the door gasket dirty and distortion?  Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Is the refrigerator's door close completely?  Assure the doors installed propertly  Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Is the refrigerator's door close completely?  Assure the door close completely.  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Close the doors completely or make the gasket sealing enough.  | 6                      |                                  |   | Normal state.   |  |
| The door can not close properly.    The door can not close properly.   Is the door gasket dirty and distortion?   Cleaning and flatting the door gasket.   |                        |                                  | Is the refrigerator unstable or touching the wall?          |   |  |
| The door can not close properly.  Is the door gasket dirty and distortion?  The lamp does not work.  Has the home circuit breaker or fuse tripped?  Is the refrigerator's door close completely?  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Assure the door close completely.  Sets it at a right position.  Load less food into the refrigerator.  Close the doors completely or make the gasket sealing enough.   |                        |                                  | Is the refrigerator not level?                              | Adjust the refrigerator leveling.                             |  |
| Is the door gasket dirty and distortion?  Cleaning and flatting the door gasket.  The lamp does not work.  Has the home circuit breaker or fuse tripped?  Is the refrigerator's door close completely?  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Cleaning and flatting the door gasket.  Put on the home circuit breaker or change the new fuse.  Sets it at a right position.  Load less food into the refrigerator.  Close the doors completely or make the gasket sealing enough.  | 7                      |                                  | Were the doors not properly installed?                      | Assure the doors installed propertly.                         |  |
| Is the refrigerator's door close completely?    Sets it at a right position.   |                        |                                  | Is the door gasket dirty and distortion?                    | -   |  |
| Is the refrigerator's door close completely?  Is the ambient temperature too high?  Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Operating for all long time.  Operating for all long time.  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Close the doors completely or make the gasket sealing enough.  | 8                      | '                                | Has the home circuit breaker or fuse tripped?               |   |  |
| Is the temperature controller in freezer chamber or in refrigerator chamber is set at "strong" position  Operating for all long time.  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Sets it at a right position.  Load less food into the refrigerator.  Close the doors completely or make the gasket sealing enough.   |                        |                                  | Is the refrigerator's door close completely?                | Assure the door close completely.                             |  |
| Operating for all long time.  Chamber is set at "strong" position  Too much food is loaded into the refrigerator and insufficient spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Close the doors completely or make the gasket sealing enough.  | 9                      | long time.                       | Is the ambient temperature too high?                        |   |  |
| long time.  Spaces for airflow.  The door were not closed completely or the gasket not sealing enough.  Load less food into the refrigerator.  Close the doors completely or make the gasket sealing enough.   |                        |                                  |   | Sets it at a right position.                                  |  |
| enough. the gasket sealing enough.   |                        |                                  |   | Load less food into the refrigerator.                         |  |
|  |                        |                                  |   | Close the doors completely or make the gasket sealing enough. |  |
| Open the door too frequently.  Decrease the open-door times.   |                        |                                  | Open the door too frequently.                               | Decrease the open-door times.                                 |  |

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