

Troubleshooting

2. Troubleshooting

For models adopting electrical function

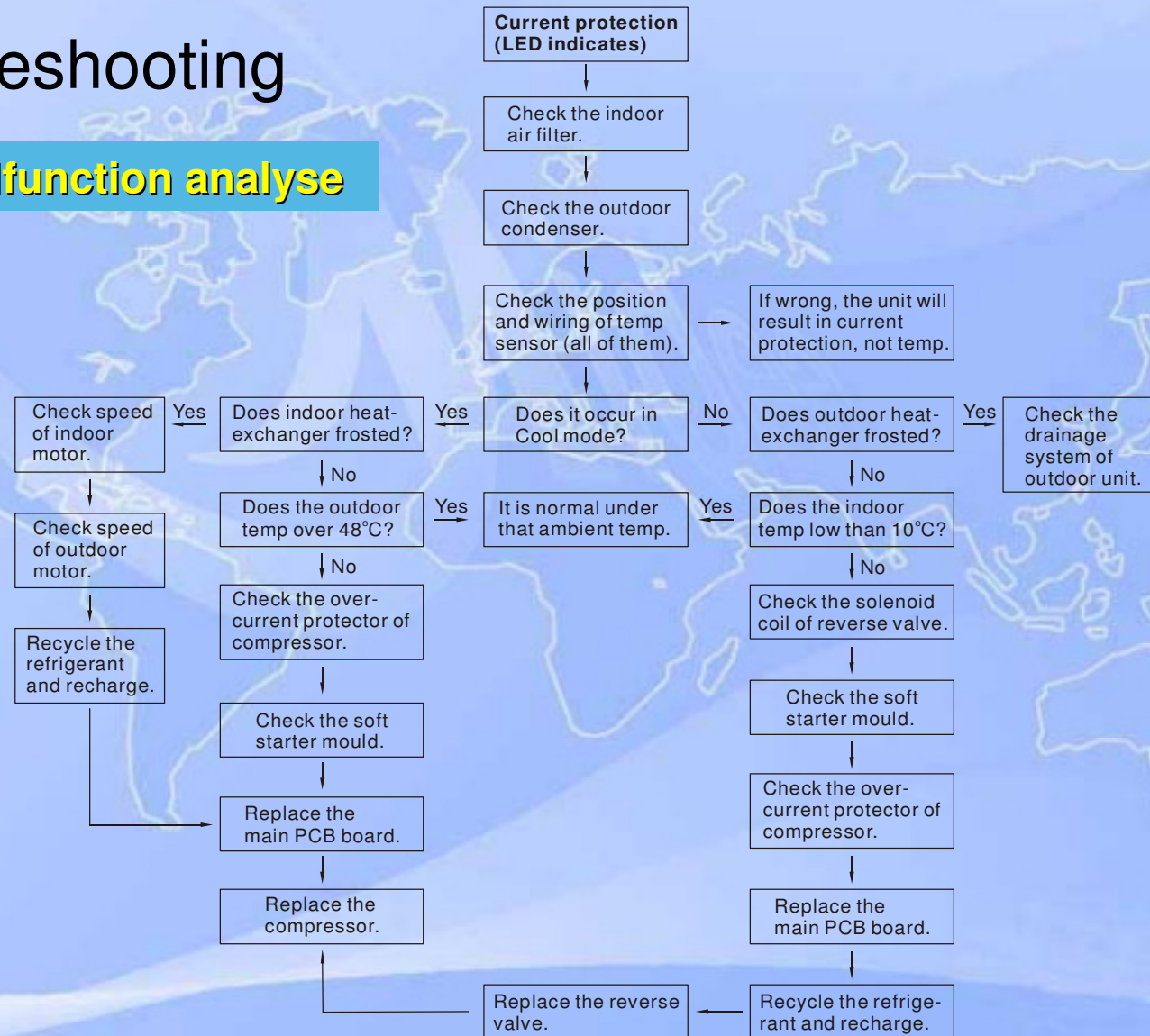
| Failure phenomenon | Operation lamp | Timer lamp | Defrosting lamp | Auto lamp |
|--|----------------|------------|-----------------|-----------|
| Over current protection of the compressor occurs 4 times | ☆ | ☆ | ☆ | ☆ |
| Indoor room temp. sensor is open circuit or short circuit | X | ☆ | X | X |
| Temp. sensor on indoor evaporator is open circuit or short circuit | ☆ | X | X | X |
| Temp. sensor on outdoor condenser is open circuit or short circuit (without for cooling only models) | X | X | ☆ | X |
| Outdoor unit protects(outdoor temp sensor, phase order etc) | X | X | ☆ | ☆ |
| EEROM error | X | ☆ | X | ☆ |
| Indoor unit communication err | X | X | X | ☆ |

X Extinguish ☆ Flash at 5Hz

Troubleshooting

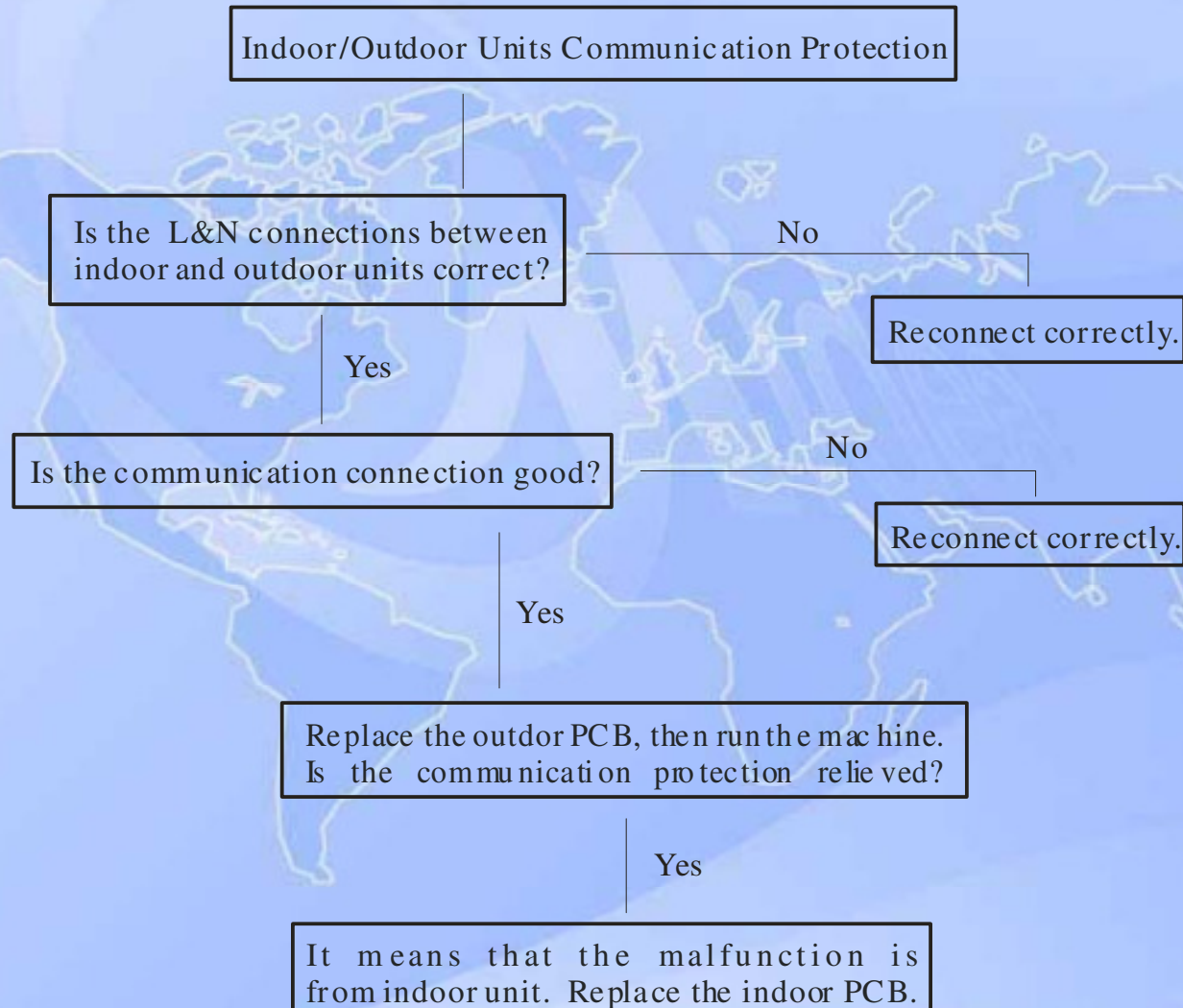
2. Troubleshooting

Detailed malfunction analyse



Troubleshooting

Detailed malfunction analyse



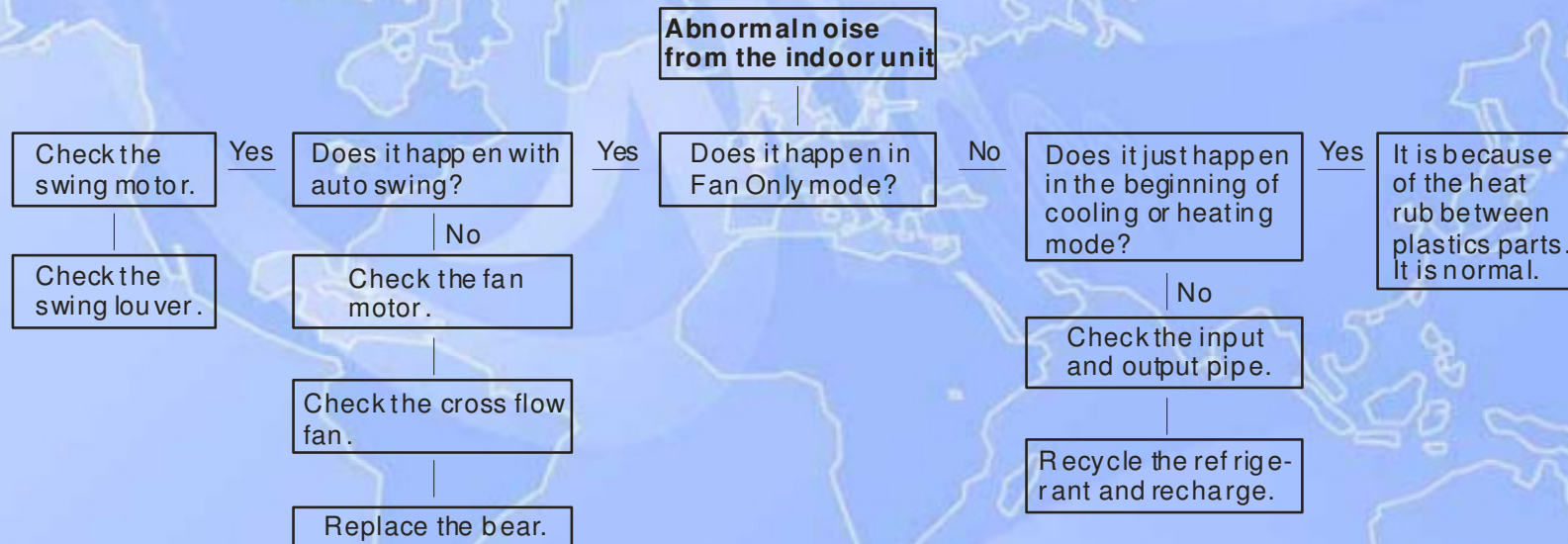
Troubleshooting

Detailed malfunction analyse



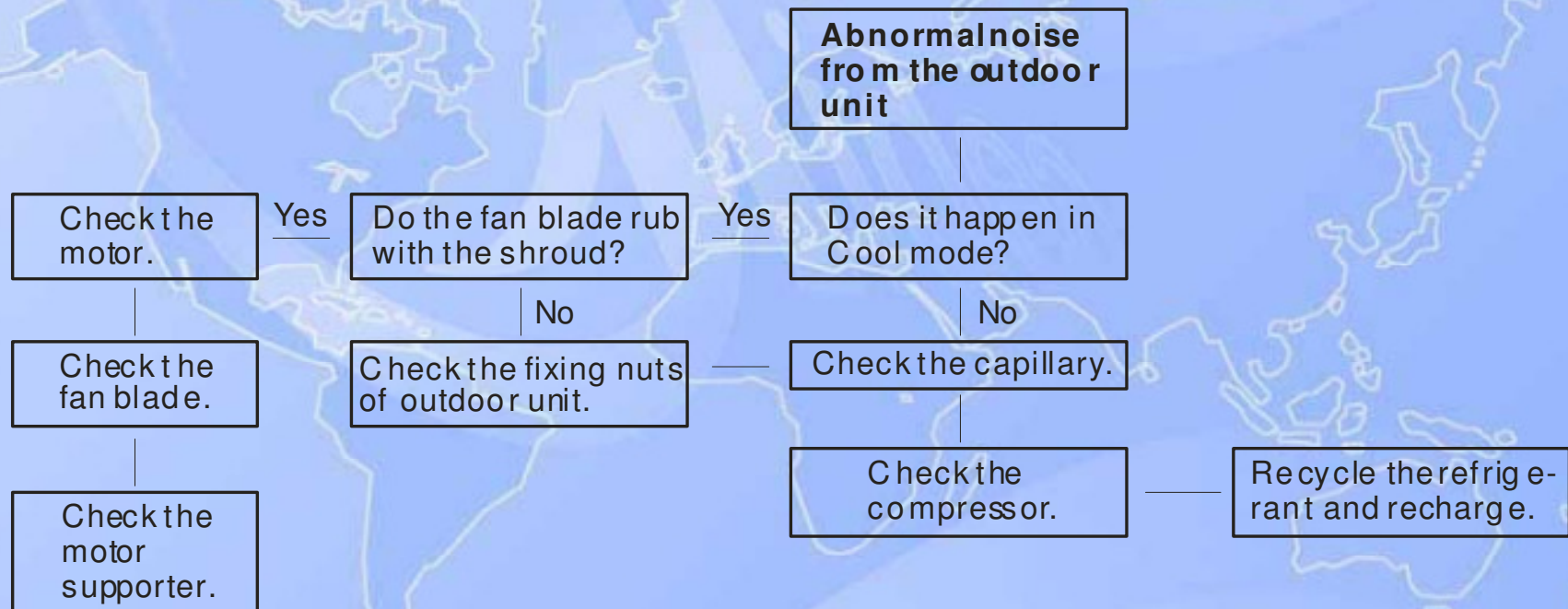
Troubleshooting

Detailed malfunction analyse



Troubleshooting

Detailed malfunction analyse



Troubleshooting

Some Resolvents For Typical Malfunctions

| | | |
|---------------------------|------------------------|---|
| Indoor abnormal noise. | Cross flow fan failure | Replace the fan if cracked, out of balance, or partially missing. |
| | Loose screws | Tighten them. |
| | Worn bearings | Replace after checked failure. |
| | Motor failure | Replace the motor if knocking sounds continue when running or loose, or the motor hums or noise appears to be internal while running. |

| | | |
|----------------------------|--------------------|---|
| Outdoor abnormal noise. | Fan blade failure | Replace the fan blade if cracked, out of balance, or partially missing. |
| | Loose screws | Tighten them. |
| | Motor failure | Replace the motor if knocking sounds continue when running or loose, or the motor hums or noise appears to be internal while running. |
| | Compressor failure | Replace the compressor if sounds coming from inner of the compressor. |
| | Copper tubing | Remove the cabinet and carefully rearrange tubing not to contact cabinet, compressor. |