Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
E0	TCL	TCL	Indoor and outdoor communication failure		
EC	TCL	TCL	Outdoor communication failure		
E1	TCL	TCL	Indoor room temperature sensor (IRT)		
E2	TCL	TCL	Indoor coil temperature sensor (IPT)		
E3	TCL	TCL	Outdoor coil temperature sensor (OPT)		
E4	TCL	TCL	System abnormity		
E5	TCL	TCL	Model configuration wrong		
E6	TCL	TCL	Indoor fan motor fault		
E7	TCL	TCL	Outdoor temperature sensor		
E8	TCL	TCL	Exhaust temp. sensor		
E9	TCL	TCL	IPM drive and module fault		
EF	TCL	TCL	Outdoor fan motor fault (DC motor)		
EA	TCL	TCL	Current sensor fault		
EE	TCL	TCL	Indoor unit EEPROM fault		
EP	TCL	TCL	Temp. switch fault (on top of the compressor)		
EU	TCL	TCL	Voltage sensor fault		
P1	TCL	TCL	Overvoltage /lower voltage protection		
P2	TCL	TCL	Overcurrent protection		
P4	TCL	TCL	Exhaust over temperature protection		
P5	TCL	TCL	Too cool protection in cooling mode		
P6	TCL	TCL	Overheat protection in cooling mode		
P7	TCL	TCL	Overheat protection in heating mode		
P8	TCL	TCL	Outdoor over temperature / lower temperature protection		
P9	TCL	TCL	Drive protection (software control)		
P0	TCL	TCL	Module protection (hardware control)		
E0	TCL	Elite / ThermoX	IDU & ODU Communication failure	The IDU & ODU wiring connection correct?	
E1	TCL	Elite / ThermoX	IDU Room Temperature sensor failure.（IDU RT failure）	IDU sensor and PCB	
E2	TCL	Elite / ThermoX	IDU Coil temperature sensor failure.（IDU IPT failure）	IDU sensor and PCB.	
E3	TCL	Elite / ThermoX	ODU Coil temperature sensor failure. (OPT)	ODU coil sensor and ODU PCB	
E4	TCL	Elite / ThermoX	AC Cooling system abnormal	Gas leakage? 2-way or 3-way valve blocked, etc	
E5	TCL	Elite / ThermoX	IDU/ODU mismatched failure (specially performance test on the production line)		

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
E6	TCL	Elite / ThermoX	IDU PG Fan motor / DC fan motor works abnormal （IDU failure）	Fan motor, fan blade and PCB.	
E7	TCL	Elite / ThermoX	ODU Ambient Temperature sensor failure	Fan motor, fan blade and PCB.	
E8	TCL	Elite / ThermoX	ODU Discharge Temperature sensor failure	ODU discharge sensor and ODU PCB	
E9	TCL	Elite / ThermoX	IPM / Compressor driving control abnormal	ODU PCB , compressor, etc.	
EA	TCL	Elite / ThermoX	ODU Current Test circuit failure	ODU PCB broken?	
Eb	TCL	Elite / ThermoX	The Communication abnormal of Main PCB and Display board （IDU failure）	Display board and main PCB.	
EE	TCL	Elite / ThermoX	ODU EEPROM failure.	1. ODU PCB broken? 2. Try to re-power on AC unit.	
EF	TCL	Elite / ThermoX	ODU DC fan motor failure.	Fan motor, ODU PCB.	
EU	TCL	Elite / ThermoX	ODU Voltage test circuit abnormal.	ODU PCB.	
P0	TCL	Elite / ThermoX	IPM module protection	ODU PCB	
P1	TCL	Elite / ThermoX	Over / under voltage protection	1. ODU PCB broken? 2. Power supply abnormal?	
P2	TCL	Elite / ThermoX	Over current protection.	1. ODU PCB broken? 2. Power supply abnormal?	
P4	TCL	Elite / ThermoX	ODU Discharge pipe Over temperature protection	Please check the troubleshooting for detail	
P5	TCL	Elite / ThermoX	Sub-cooling protection on Cooling mode	Please check the troubleshooting for detail	
P6	TCL	Elite / ThermoX	Overheating protection on Cooling mode	Please check the troubleshooting for detail	
P7	TCL	Elite / ThermoX	Overheating protection on Heating mode	Please check the troubleshooting for detail	
P8	TCL	Elite / ThermoX	Outdoor Over temperature/Under temperature protection.	Please check the troubleshooting for detail	
P9	TCL	Elite / ThermoX	Compressor driving protection (Load abnormal).	Please check the troubleshooting for detail	
PA	TCL	Elite / ThermoX	Communication failure for TOP flow unit/ Preset mode conflict. （IDU failure）	Please check the troubleshooting for detail	
F0	TCL	Elite / ThermoX	Infrared Customer feeling test sensor failure. （IDU failure）	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
F1	TCL	Elite / ThermoX	Electric Power test module failure. （IDU failure）	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
F2	TCL	Elite / ThermoX	Discharge temperature sensor failure PROTECTION.	Please check the troubleshooting for detail.	
F3	TCL	Elite / ThermoX	ODU coil temperature failure PROTECTION..	Please check the troubleshooting for detail	
F4	TCL	Elite / ThermoX	Cooling system gas flow abnormal PROTECTION	Please check the troubleshooting for detail	
F5	TCL	Elite / ThermoX	PFC PROTECTION	Please check the troubleshooting for detail	
F6	TCL	Elite / ThermoX	The Compressor lack of phase / Anti-phase PROTECTION.	Please check the troubleshooting for detail.	
F7	TCL	Elite / ThermoX	IPM Module temperature PROTECTION	Please check the troubleshooting for detail.	
F8	TCL	Elite / ThermoX	4-Way Value reversing abnormal	Please check the troubleshooting for detail	
F9	TCL	Elite / ThermoX	The module temperature test circuit failure	ODU PCB	
FA	TCL	Elite / ThermoX	The compressor Phase-current test circuit failure.	ODU PCB	
Fb	TCL	Elite / ThermoX	Limiting/Reducing frequency for Over load protection on Cooling/Heating mode	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FC	TCL	Elite / ThermoX	Limiting/Reducing frequency for High power consumption protection.	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FE	TCL	Elite / ThermoX	Limiting/Reducing frequency for Module current protection (phase current of compressor).	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FF	TCL	Elite / ThermoX	Limiting/Reducing frequency for Module temperature protection.	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FH	TCL	Elite / ThermoX	Limiting/Reducing frequency for Compressor driving protection.	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
FP	TCL	Elite / ThermoX	Limiting/Reducing frequency for anti-condensation protection..	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FU	TCL	Elite / ThermoX	Limiting/Reducing frequency for anti-frost protection.	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fj	TCL	Elite / ThermoX	Limiting/Reducing frequency for Discharge over temperature protection	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fn	TCL	Elite / ThermoX	Limiting/Reducing frequency for ODU AC Current protection.	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fy	TCL	Elite / ThermoX	Gas leakage protection	Please check the troubleshooting for detail	
bf	TCL	Elite / ThermoX	TVOC sensor failure（IDU failure, optional）	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
bc	TCL	Elite / ThermoX	PM2.5 sensor failure（IDU failure, optional）	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
bj	TCL	Elite / ThermoX	Humidity sensor failure.（IDU failure）	Querying by press remote controller	While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
E0	TCL	FreshIN+	IDU & ODU Communication failure	The IDU & ODU wiring connection correct?	
E1	TCL	FreshIN+	IDU Room Temperature sensor failure.（IDU RT failure）	IDU sensor and PCB.	
E2	TCL	FreshIN+	IDU Coil temperature sensor failure.（IDU IPT failure）	IDU sensor and PCB.	
E3	TCL	FreshIN+	ODU Coil temperature sensor failure. (OPT)	ODU coil sensor and ODU PCB	
E4	TCL	FreshIN+	AC Cooling system abnormal	Gas leakage? 2-way or 3-way valve blocked etc.	

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
E5	TCL	FreshIN+	IDU/ODU mismatched failure (specially performance test on the production line)		
E6	TCL	FreshIN+	IDU PG Fan motor / DC fan motor works abnormal（IDU failure）	Fan motor, fan blade and PCB.	
E7	TCL	FreshIN+	ODU Ambient Temperature sensor failure	ODU ambient sensor and ODU PCB.	
E8	TCL	FreshIN+	ODU Discharge Temperature sensor failure.	ODU discharge sensor and ODU PCB	
E9	TCL	FreshIN+	IPM / Compressor driving control abnormal	ODU PCB , compressor, etc.	
EA	TCL	FreshIN+	ODU Current Test circuit failure	ODU PCB broken?	
Eb	TCL	FreshIN+	The Communication abnormal of Main PCB and Display board（IDU failure）	Display board and main PCB.	
EE	TCL	FreshIN+	ODU EEPROM failure.	1. ODU PCB broken? 2. Try to re-power on AC unit.	
EF	TCL	FreshIN+	ODU DC fan motor failure.	Fan motor, ODU PCB.	
EU	TCL	FreshIN+	ODU Voltage test circuit abnormal.	ODU PCB.	
P0	TCL	FreshIN+	IPM module protection	ODU PCB	
P1	TCL	FreshIN+	Over / under voltage protection	1. ODU PCB broken? 2. Power supply abnormal?	
P2	TCL	FreshIN+	Over current protection.	1. ODU PCB broken? 2. Power supply abnormal?	
P4	TCL	FreshIN+	ODU Discharge pipe Over temperature protection.	Please check the troubleshooting for detail	
P5	TCL	FreshIN+	Sub-cooling protection on Cooling mode	Please check the troubleshooting for detail	
P6	TCL	FreshIN+	Overheating protection on Cooling mode	Please check the troubleshooting for detail	
P7	TCL	FreshIN+	Overheating protection on Heating mode	Please check the troubleshooting for detail	
P8	TCL	FreshIN+	Outdoor Over temperature/Under temperature protection	Please check the troubleshooting for detail	
P9	TCL	FreshIN+	Compressor driving protection (Load abnormal)	Please check the troubleshooting for detail	
PA	TCL	FreshIN+	Communication failure for TOP flow unit/ Preset mode conflict.（IDU failure）	Please check the troubleshooting for detail	
F0	TCL	FreshIN+	Infrared Customer feeling test sensor failure（IDU failure）	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
F1	TCL	FreshIN+	Electric Power test module failure. （IDU failure）	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
F2	TCL	FreshIN+	Discharge temperature sensor failure PROTECTION.	Please check the troubleshooting for detail.	
F3	TCL	FreshIN+	ODU coil temperature failure PROTECTION	Please check the troubleshooting for detail	
F4	TCL	FreshIN+	Cooling system gas flow abnormal PROTECTION..	Please check the troubleshooting for detail	
F5	TCL	FreshIN+	PFC PROTECTION	Please check the troubleshooting for detail	
F6	TCL	FreshIN+	The Compressor lack of phase / Anti-phase PROTECTION.	Please check the troubleshooting for detail	
F7	TCL	FreshIN+	IPM Module temperature PROTECTION	Please check the troubleshooting for detail	
F8	TCL	FreshIN+	4-Way Value reversing abnormal	Please check the troubleshooting for detail	
F9	TCL	FreshIN+	The module temperature test circuit failure	ODU PCB	
FA	TCL	FreshIN+	The compressor Phase-current test circuit failure.	ODU PCB	
Fb	TCL	FreshIN+	Limiting/Reducing frequency for Over load protection on Cooling/Heating mode	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FC	TCL	FreshIN+	Limiting/Reducing frequency for High power consumption protection	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FE	TCL	FreshIN+	Limiting/Reducing frequency for Module current protection (phase current of compressor).	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
FF	TCL	FreshIN+	Limiting/Reducing frequency for Module temperature protection	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FH	TCL	FreshIN+	Limiting/Reducing frequency for Compressor driving protection.	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FP	TCL	FreshIN+	Limiting/Reducing frequency for anti-condensation protection	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
FU	TCL	FreshIN+	Limiting/Reducing frequency for anti-frost protection.	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fj	TCL	FreshIN+	Limiting/Reducing frequency for Discharge over temperature protection	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fn	TCL	FreshIN+	Limiting/Reducing frequency for ODU AC Current protection.	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
Fy	TCL	FreshIN+	Gas leakage protection	Please check the troubleshooting for detail	

Hibakód (belt)	Márka	Gép fajta	A hiba leírása	A hiba helye, és/vagy jellege	Hibakeresés folyamatábra (és/vagy leírás)
bf	TCL	FreshIN+	TVOC sensor failure（IDU failure, optional）	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
bc	TCL	FreshIN+	PM2.5 sensor failure（IDU failure, optional）	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
bj	TCL	FreshIN+	Humidity sensor failure.（IDU failure）	Querying by press remote controller	As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure code as Fb ~Fn, bj etc.
bd	TCL	FreshIN+	Fresh air motor failure	Fresh motor, fan blade and PCB	