

Rail Heater check (System level check list)

Test condition (room temperature around 23C):

- Connect all heaters and thermistors
- Connect all cables on both of routing board
- For voltage check, pin position becomes reverse.
- For resistance check, remove P7-P9 from CFHC and measure at cable connector pin

Location	Measurement	Res.	Volt.
Heater center (zone 2)	P9-1 and P9-4	9~14Ω	40~48V
Heater low Ch. side (zone 1)	P9-2 and P9-7	55~60Ω	40~48V
Heater high Ch. side (zone 3)	P9-3 and P9-8	55~60Ω	40~48V
Low Ch. thermistor	P8-1 and P8-9	9k~15kΩ	N/A
Center thermistor	P8-2 and P8-10	9k~15kΩ	N/A
High Ch. thermistor	P8-3 and P8-11	9k~15kΩ	N/A
Thermostat low ch side (zone 1 & 2)	P7-1 and P7-3	<1.0Ω	< 1.0V
	P7-1 and FG	N/A	40~48V
Thermostat high ch side (zone 3)	P7-2 and P7-4	<1.0Ω	< 1.0V
	P7-2 and FG	N/A	40~48V