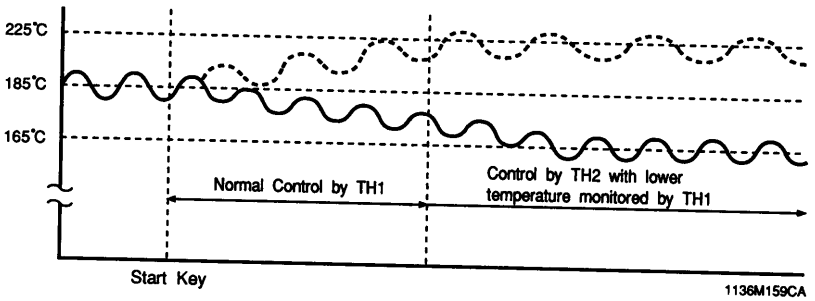
<Temperature Control When Small Size Paper is Fed Through>

- TH2 detects the surface temperature of the rear end of the Upper Fusing Roller. When detecting a temperature of 225°C or more, TH2 comes into play to provide the temperature control.
- If TH1 detects a temperature of 165°C or less, then TH1 is used, instead of TH2, to provide the temperature control.
- H1 is turned ON and OFF under different temperatures detected by TH1 and TH2 as detailed below.

Temperature Detected by TH1	Temperature Detected by TH2	H1 ON/OFF
Less than 185°C	Less than 225°C	ON
185°C or more	Less than 225°C	OFF
165°C or more	225°C or more	OFF
Less than 165°C	225°C or more	Turned OFF if currently ON Turned ON if currently OFF



- The Table below shows the relationship between the analog voltage applied to pins 77 and 78 (AN3 and 4) of IC1A on PWB-A and the Upper Fusing Roller surface temperature.

Temperature °C	Input Voltage to IC1A-77, 78	Temperature °C	Input Voltage to IC1A-77, 78	Temperature °C	Input Voltage to IC1A-77, 78
100	Approx. 3.21	150	Approx. 1.60	200	Approx. 0.65
110	Approx. 2.87	160	Approx. 1.35	210	Approx. 0.54
120	Approx. 2.53	170	Approx. 1.13	220	Approx. 0.46
130	Approx. 2.20	180	Approx. 0.94	225	Approx. 0.42
140	Approx. 1.89	190	Approx. 0.78		