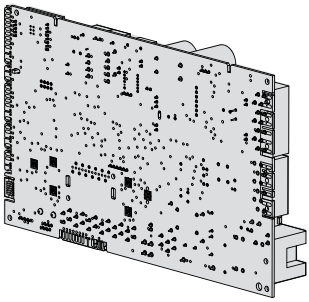
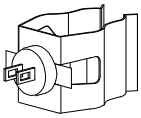
INSTRUCTIONS

MAIN BOARD REPLACEMENT AND 3 SENSORS WIRING KIT

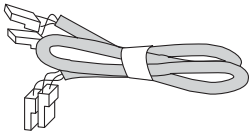
420020207000 - 07/2020



X1



X3



X1

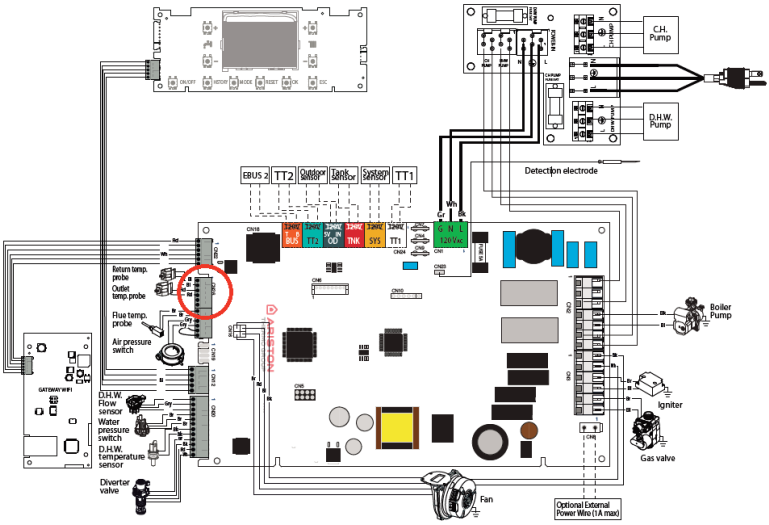
INFORMATION

Ensure power to the appliance is shut off before attempting to remove/replace an existing PCB. Failure to do so will result in substantial property damage, severe personal injury or death.

Failure to set replacement PCB parameters according to the table on this sheet may cause the burner to operate at improper firing rates, and could result in premature component failure, property damage, personal injury or death.

Follow these instructions and those included in the installation manual to replace the PCB.

1. Connect the wiring included with the new PCB on the connector highlighted in the picture below.

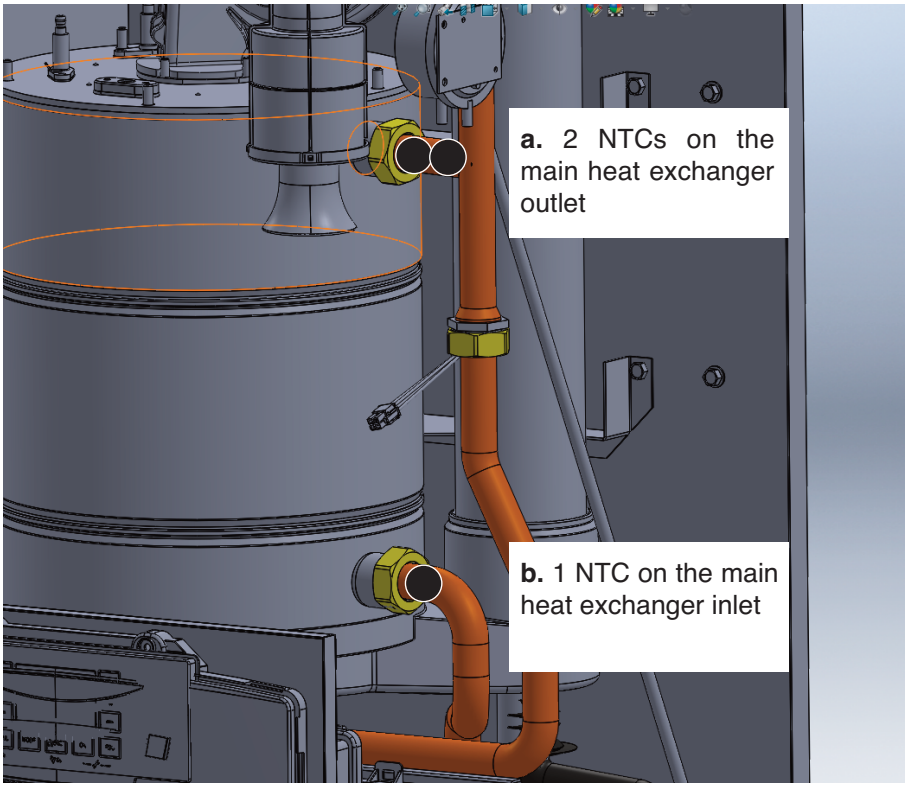


2. Replace the old PCB with the new one. Ensure the wiring is connected to the same connectors as the old PCB.

3. Connect the three NTCs as follows:

a. 2 NTCs (red wiring) must be connected as close as possible to one another and the main heat exchanger outlet. (See the 2 black dots in picture 1 below)

b. 1 NTC (blue wiring) must be connected as close as possible to the main heat exchanger inlet. (See the black dot in picture 1 below)



Picture 1

3. Adjust the parameters as shown in the table below.

To access the menu and set the parameters, please reference the boiler installation manual.

		Parameters / Paramètres / Parametri / Parámetros																	
		200	201	219	220	223	224	228	229	231	232	233	234	235	243	247	250	253	254
199	COMBI	124	**1**	1	34	1	1	0*	198	**100**	91	4	91	1	1	1	2	0	1
199	HEATING ONLY	124	**1**	0	34	1	1	2*	198	**100**	91	4	91	1	1	1	2	0	1
150	COMBI	124	**1**	1	35	1	1	0*	150	**100**	91	6	91	1	1	1	2	0	1
150	HEATING ONLY	124	**1**	0	35	1	1	2*	150	**100**	91	6	91	1	1	1	2	0	1
110	COMBI	124	**1**	1	28	1	1	0*	109	**100**	100	11	100	1	1	1	2	0	1
110	HEATING ONLY	124	1	0	28	**1**	1	2*	109	100	100	11	100	1	1	1	2	0	1
85	HEATING ONLY	124	**1**	0	40	1	1	2*	85	**100**	78	7	78	1	1	1	2	0	1

*228 set equal to 1 if using a DHW Tank Sansor