























INSTALLER MENU						
<p>Touch the the centre of the display to activate, then touch the  symbol for 2 seconds</p> <p>Touch the  and  buttons simultaneously the  symbol is extinguished [C000] is displayed on the left side.</p> <p>Use the   button until [0015] is visible on the display, then tap the  button parameter [P001] will now be displayed.</p> <p>Use the   button to adjust the parameter to the required value then press the  button to move to the next parameter.</p> <p>Once the required parameters have been adjusted, touch the  key to save the values [P] will be displayed to confirm.</p>						
MENU	PARAMETER MODE	RANGE	REC	DEFAULT	NOTES	
P001	Boiler type	0 to 3	0	0	0 = Xclusive Kombi	
					1 = Xclusive Solo + Cylinder	
					2 = Xclusive DHW	
					3 = Xclusive System boiler	
P010*	Set maximum central heating output	25 to 100	see notes	see notes	Default 75% = 36 Kw model 100% = 24 & 30 kw models	
P030	Central heating pump setting	0 to 3	0	0	0 = Pump overrun active 1 = Pump continuous (DHW function off)	
P031	Maximum capacity of modulating central heating pump	15 to 100	65	65	Displayed as %	
P032	Minimum capacity of modulating central heating pump	15 to 100	35	35	Displayed as %	
P033	Central heating pump overrun after heating demand	0 to 15	1	1	Time in minutes	
P034	Central heating pump overrun after boiler operation	0 to 15	1	1	Time in minutes (N/A for Kombi boiler)	
P035	Pump modulation	0 to 1	1	1	0 = Off 1 = On	
P036	Anti-Cycle time central heating	0 to 15	5	5	Minimum switch-off time for boiler water temperature	
P040	Activate clock program CH operation	0 to 1	As required	0	0 = Inactive 1 = Active	
P057	Response for OpenTherm room thermostat	1 to 3	1	1	0 = Do not respond to heat demand if requested temp is < 30°C	
					1 = Respond to CH demand with minimum flow temp limited at 30°C	
					2 = Respond to CH demand with a max set flow temp (on/off function)	
P059	Maximum setting value of flow temperature	10 to 90	80	80	Displayed in °C	
P070	Maximum DHW output	20 to 100	100	100	Displayed as %	
P074	Number of ECO days	0 to 10	7	7	Displayed in days	
P075	Control temperature during boiler operation	60 to 90	80	80	Displayed in °C	
P077	Waiting time central heating demand after DHW	0 to 15	0	0	Displayed in minutes	
P081	Setting of 3 - way valve or electric shut-off valve		0	0	0 = Powered during CH demand	
					1 = Powered during DHW operation	
P087	Activate clock program DHW operation		0	0	0 = Inactive	
					1 = Active	
P010*	Desired central heating output in KW (approximately)	24	30	36	Note	
		100	13.8	19.4	25.7	The output during combustion will be slowly increased and decreased as soon as the set flow temperature is achieved. (Modulation on temperature flow)
		75	10.6	14.6	19.3	
		50	7.3	9.8	12.8	
		35	5.4	7.0	9.0	
		25	-	5.1	6.4	
FAULT CODES						
LOCKOUT CODES		Possible Cause & Solution (Refer to the installation manual)				
F000	Sensor S0 is defective	● Replace heat exchanger sensor S0				
F001	Temperature is too high during central heating demand	● Air in system (Bleed the heating to purge out air)				
		● Pump not operating (Check the power supply, free impellor or replace the pump)				
		● Check the wiring to the CH flow sensor S1 (To ensure it's connected and not damaged)				
		● Check the CH flow sensor S1 (Is located and installed correctly)				
		● Check for the correct operation of the central heating flow sensor S1				
F002	Temperature is too high during DHW demand	● Replace central heating sensor S1				
		● Check the wiring to the DHW sensor S3 (To ensure it's connected and not damaged)				
		● Check the DHW sensor S3 (Is located and installed correctly)				
		● Check for the correct operation of the domestic hot water sensor S3				
F003	Flue gas temperature is too high	● Replace domestic hot water sensor S3				
		● Check the heat exchanger for contamination of faults				
F004	No flame during start up	● Gas isolation valve is closed or no gas supply				
		● Gas working inlet pressure below 17 mbar (20 mbar recommended)				
		● Check to ensure the condensation drain or trap is not blocked				
		● Check ignition module, ignition lead or electrode including spark gap				
		● Check electrical supply to Ignition module or gas valve				
F005	Flame failure during normal operation	● Poor earth to Ionisation probe or boiler				
		● Check to ensure the condensation drain or trap is not blocked				
		● Gas working inlet pressure below 17 mbar (20 mbar recommended)				
		● Check ignition module, ignition lead or electrode including spark gap				
		● Check adjustment of gas valve (See the manual for CO2 values)				
F006	Flame simulation	● Check the flue integrity for possible recirculation or blockages				
		● Poor earth to Ionisation probe or boiler				
		● Check or replace the gas valve				

CO 2 Settings Natural Gas
 Min adjust 8.4 > 9.1%
 Max read only 8.6 > 9.6%

CO2 Settings LPG
 Min adjust 9.3 > 10.2%
 Max read only 9.8 > 10.8%

Gas restriction ring sizes
 24Kw N/G = 392 LPG = 315
 30 or 36Kw N/G = 450 LPG = 370

F007	No or insufficient ionisation current	<ul style="list-style-type: none"> • Check the ionisation / Ignition probe is clean and correctly located • Check the wiring to the ionisation / Ignition electrode • Replace the ionisation / Ignition electrode 			
F008	Incorrect fan speed detected	<ul style="list-style-type: none"> • Check fan wiring • Check or replace fan assembly • Replace PCB 			
F009	Internal burner control fault	• Replace PCB			
F010	S0 Sensor fault	<ul style="list-style-type: none"> • Check the wiring to the heat exchanger sensor S0 (To ensure its connected and not damaged) • Check the sensor resistances are correct 			
F011	S0 Sensor fault				
F012	S5 Sensor fault	<ul style="list-style-type: none"> • Check the wiring to the flue gas sensor S5 (To ensure its connected and not damaged) • Check the sensor resistances are correct • Check or replace the S5 sensor 			
F014	S0 sensor mounting fault	• Heat exchanger sensor S0 not mounted correctly, locate sensor and attach correctly			
F015	S1 sensor mounting fault	• Central heating sensor S1 not mounted correctly, locate sensor and attach correctly			
F016	S3 sensor mounting fault	• Domestic hot water sensor S3 not mounted correctly, locate sensor and attach correctly			
F018	Flue and or air supply duct blockage or restriction	• Check or clean the flue / air ducts including seals or gaskets			
F019	BMM fault (PCB Memory card)	• Check the wiring or connector plug onto the memory card / possibly replace the card			
F027	S6 outside weather sensor fault	• Check the wiring to the outside sensor S6 or the sensor for faults replace if necessary			
F028	Reset error	• Check the reset button for unintentional operation e.g. when cleaning the fascia / or replace the PCB			
F029	Gas valve fault	• Check the wiring to the gas valve or resistance of the coil If ok replace the PCB			
F030	S3 sensor fault	• Check the wiring to the DHW sensor S3 or check the sensor resistances, replace if faulty			
F031	S1 sensor fault	• Check the wiring to the flow sensor S1 or check the sensor resistances, replace if faulty			
MENU TRAINED ENGINEERS MENU					
<p>Touch the the centre of the display to activate, then touch the  symbol for 2 seconds</p> <p>Touch the  and  buttons simultaneously the  symbol is extinguished [C000] is displayed on the left side.</p> <p>Use the  +  button until [0020] is visible on the display, then tap the  button parameter [P001] will now be displayed.</p> <p>Use the  +  button to adjust the parameter to the required value then press the  button to move to the next parameter.</p> <p>Once the required parameters have been adjusted, touch the  key to save the values [P] will be displayed to confirm.</p>					
	PARAMETER MODE	RANGE	REC	DEFAULT	NOTES
P001	Boiler type	0 to 3	0	0	(See P001 installer menu)
P002	Display viewing option	0 to 2	2	0	0 = Flame on only 1 = Flame on & demand symbol 2 = Flame on, demand symbol & sequence code
P009	Boiler Input load %	0 to 5	0	0	Load adjustment
P010*	Set maximum central heating output	25 to 100	see notes	see notes	Default 75% = 36 Kw model 100% = 24 & 30 kw models
P011	Minimum CH output	0 to 100*	13	13	Output read as % *variable dependent on P001 option
P012	Fan speed during CH Ignition phase	40 to 100	40	40	RPM shown as %
P030	Central heating pump setting	0 to 3	0	0	0 = Pump overrun active 1 = Pump continuous (DHW function off)
P031	Maximum capacity of modulating central heating pump	15 to 100	65	65	Displayed as %
P032	Minimum capacity of modulating central heating pump	15 to 100	35	35	Displayed as %
P033	Central heating pump overrun after heating demand	0 to 15	1	1	Time in minutes
P034	Central heating pump overrun after boiler operation	0 to 15	1	1	Time in minutes (N/A for Kombi boiler)
P035	Pump modulation	0 to 1	1	1	0 = Off 1 = On
P036	Anti-Cycle time central heating	0 to 15	5	5	Minimum switch-off time for boiler water temperature
P037	Delay time post CH demand	0 to 15	0	0	Displayed in minutes
P050	Maxim CH flow temperature setting	10 to 90	75 to 80	80	Displayed as °C
P051	Min CH flow temp setting for outside weather comp	10 to 90	25	25	Displayed as °C
P052	Min outside temp setting for outside weather comp	-30 to 10	-9	-9	Displayed as °C
P053	Max outside temp setting for outside weather comp	13 to 30	25	25	Displayed as °C
P056	Min CH flow temp OTC & RF options	10 to 60	30	30	Displayed as °C
P057	Reaction OTC & RF thermostat	0 to 2	1	1	
P059	Maximum value adjustment of P050	10 to 90	80	90	Displayed as °C
P060	Max flow temp (Low temp zone)	10 to 90	40	40	Displayed as °C
P070	Max DHW output	20 to 100	100	100	Displayed as %
P071	Min DHW output	13 to 50	13	13	Displayed as %
P072	Fan speed during DHW Ignition phase	40 to 100	40	40	RPM shown as %
P073	Stand-by temp at comfort level	0 to 65	0	0	Displayed as °C
P074	Amount ECO-days	0 to 10	7	7	Displayed as complete days
P075	Flow temperature during DHW demand	60 to 90	80	80	Displayed as °C
P076	DHW comfort setting	0 to 2	1	1	
P077	CH delay time post DHW demand	0 to 15	0	0	Displayed in minutes
P081	3 way valve position	0 to 3	0	0	
P086	Comfort offset	0 to 60	17	17	
P090	Relay 1 function	0 to 4	0	0	
P097	Alarm relay function	0 to 1	0	0	
P100	Function-T ext1	0 to 1	0	0	
P101	Function-T ext2	0 to 1	0	0	