

PROGRAMMING

GAS CONTINUOUS FLOW - M SERIES

M Series Gas Continuous Flow Programming Parameter Settings

M20 (Natural Gas)

Min Gas Dynamic Pressure*	1.13kpa	2.0kpa	3.0kpa
FA (Gas code)		3	
Fb (50C/70C)		OF/ON	
PH (Max TPP)	720Pa ±20Pa(8b)	960Pa ±20Pa(8b)	940Pa ±20Pa(8b)
PL (Min TPP)	100 Pa ±20Pa(2b)	120 Pa ±20Pa(2b)	120 Pa ±20Pa(2b)
DH (Ignition pressure)		400 Pa ±20Pa(5A)	
FH (Max fan speed)		62 r (B3)	
FL (Min fan speed)		34 r (5B)	
NE		OF	
FC		OF	
QU		Save & exit	

M26 (Natural Gas)

Min Gas Dynamic Pressure*	1.13kpa	2.0kpa	3.0kpa
FA (Gas code)		6	
Fb (50C/70C)		OF/ON	
PH (Max TPP)	800Pa ±20Pa(A5)	730Pa ±20Pa(A5)	715Pa ±20Pa(A5)
PL (Min TPP)	120 Pa ±20Pa(30)	120 Pa ±20Pa(30)	120 Pa ±20Pa(30)
DH (Ignition pressure)	350 Pa ±20Pa(5E)	350 Pa ±20Pa(5E)	350 Pa ±20Pa(5E)
FH (Max fan speed)		65 r (D6)	
FL (Min fan speed)		24 r (4 a)	
NE		OF	
FC		OF	
QU		Save & exit	

M20 (Propane - LPG)

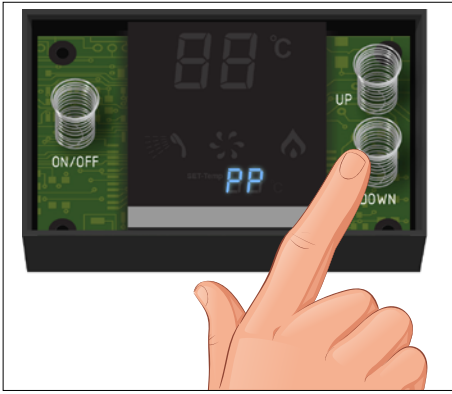
Min Gas Dynamic Pressure*	2.75kpa
FA (Gas code)	2
Fb (50C/70C)	OF/ON
PH (Max TPP)	1880Pa ±20Pa(dC)
PL (Min TPP)	150Pa ±20Pa(22)
DH (Ignition pressure)	650 Pa ±20Pa(71)
FH (Max fan speed)	65 r (C1)
FL (Min fan speed)	26r (3E)
NE	OF
FC	OF
QU	Save & exit

M26 (Propane - LPG)

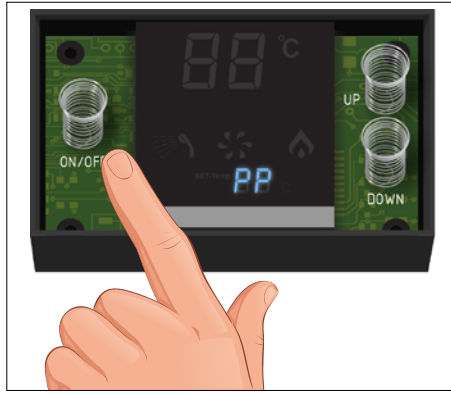
Min Gas Dynamic Pressure*	2.75kpa
FA (Gas code)	5
Fb (50C/70C)	OF/ON
PH (Max TPP)	1530Pa ±20Pa(DA)
PL (Min TPP)	140 Pa ±20Pa(23)
DH (Ignition pressure)	480 Pa ±20Pa(5D)
FH (Max fan speed)	62 r (D0)
FL (Min fan speed)	18 r (3E)
NE	OF
FC	OF
QU	Save & exit

*Dynamic Pressure = Gas supply pressure when unit is running

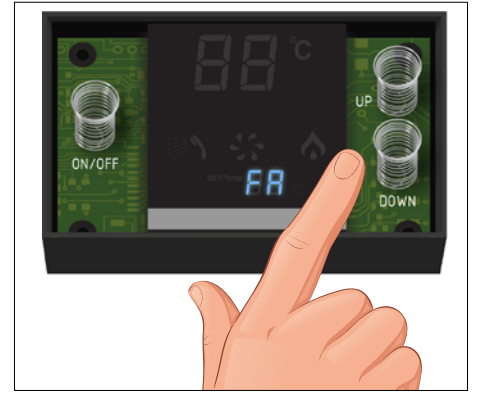
Entering program mode



Press and hold DOWN for 3 seconds within 3 seconds of power being turned on to the unit.

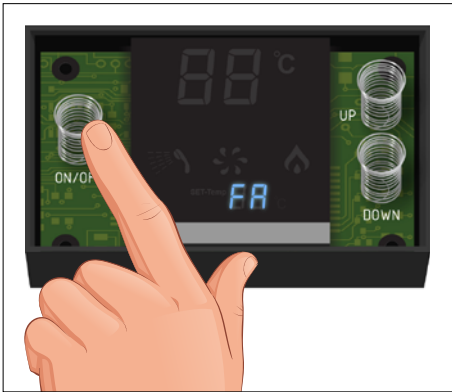


Press ON/OFF to enter program mode

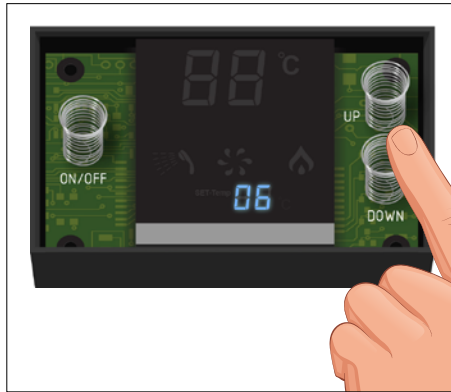


Select UP / DOWN to navigate options

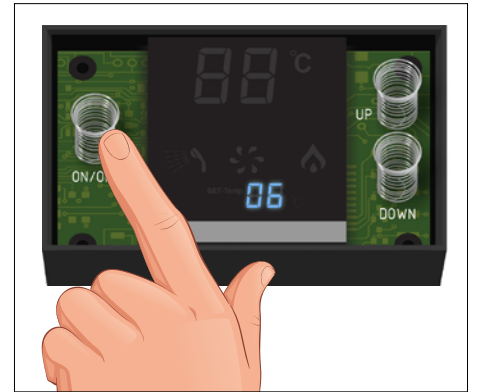
Programming the PCB to suit the unit size and gas type (FA)



Press ON/OFF to enter FA Mode

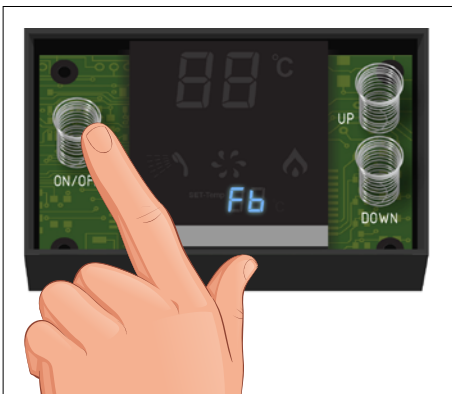


Select UP / DOWN to set the correct gas code (Refer to FA value in table)

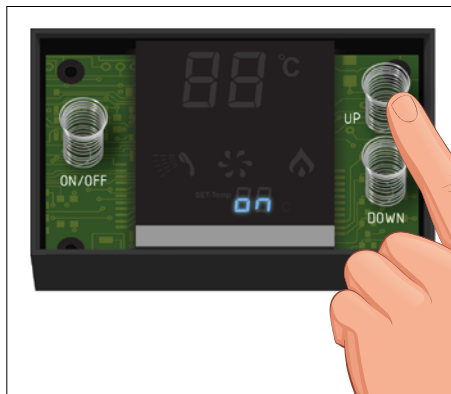


Select ON/OFF to confirm
(Note: this change is not confirmed until you have saved and quit)

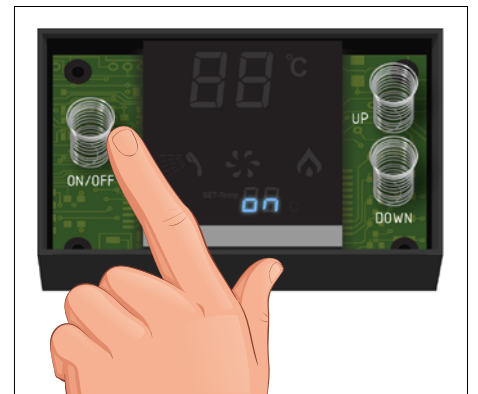
Programming the Temperature setting - to 50°C / 70°C (Fb)



Press ON/OFF to enter Fb Mode



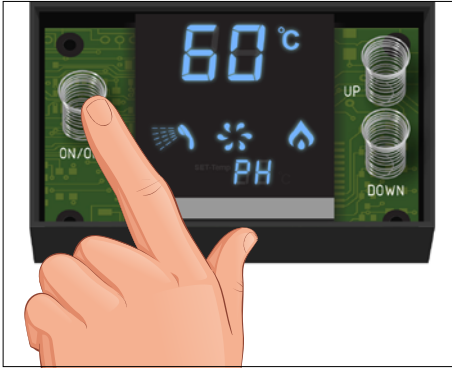
Select UP to set unit to 70°C (On)
Select DOWN to set unit to 50°C (Off)



Select by pressing ON / OFF
(Note: this change is not confirmed until you have saved and quit)

Setting the Maximum Gas Test Point Pressure (PH)

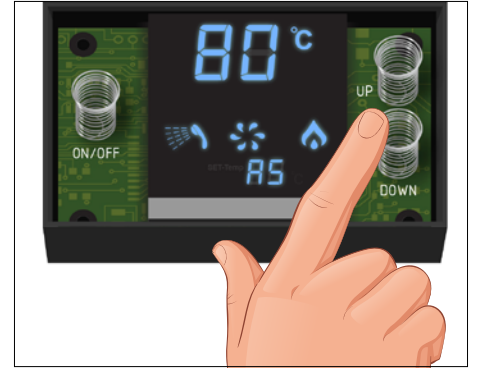
Ensure the unit is running at full capacity before adjusting the following



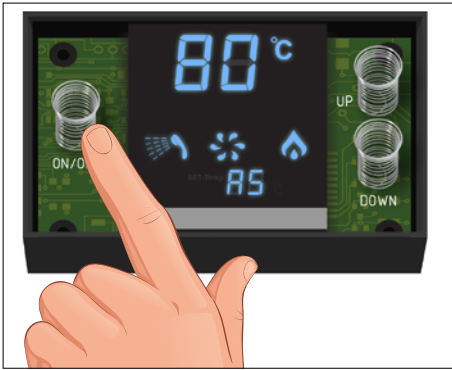
Press ON/OFF to enter PH Mode



Check reading on manometer



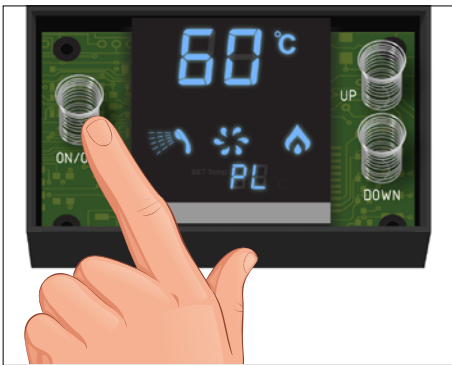
Select UP / DOWN to alter parameters until the manometer gives appropriate value (Refer to PH value in table)



Select by pressing ON / OFF (Note: this change is not confirmed until you have saved and quit)

Setting the Minimum Gas Test Point Pressure (PL)

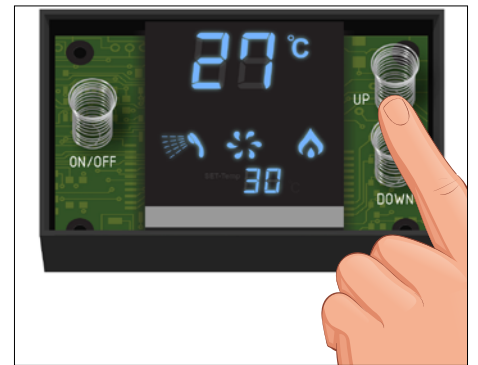
Ensure the unit is running at full capacity before adjusting the following



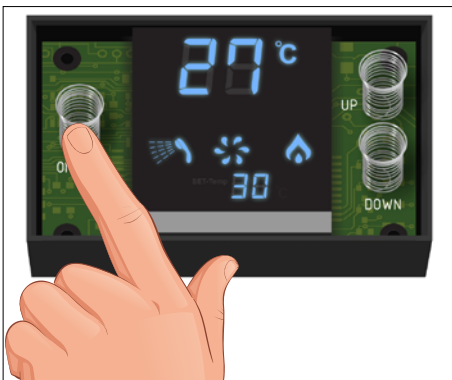
Press ON/OFF to enter PL Mode



Check reading on manometer



Select UP / DOWN to alter parameters until the manometer gives appropriate value (Refer to PL value in table)



Select by pressing ON / OFF (Note: this change is not confirmed until you have saved and quit)

Setting the gas ignition pressure (dH)

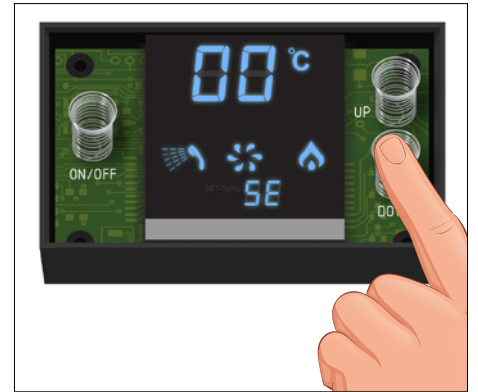
Ensure the unit is running at full capacity before adjusting the following



Press ON/OFF to enter dH Mode



Check reading on manometer



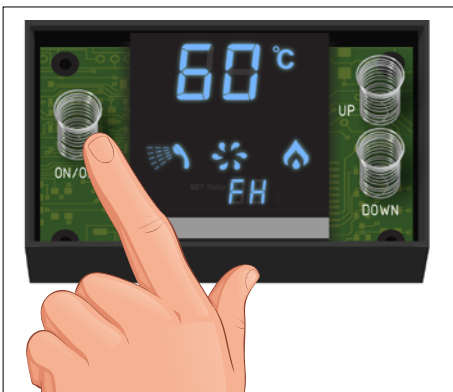
Select UP / DOWN to alter parameters until the manometer gives appropriate value (Refer to dH value in table)



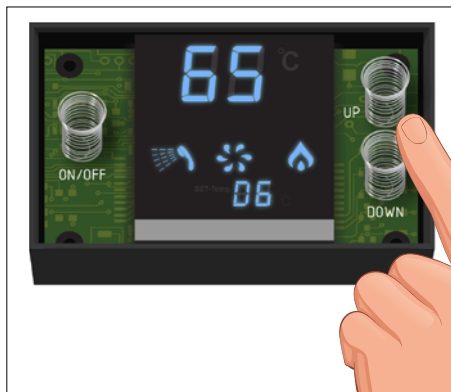
Select by pressing ON / OFF
(Note: this change is not confirmed until you have saved and quit)

Setting the Maximum Fan Speed (FH)

Ensure the unit is running at full capacity before adjusting the following



Press ON/OFF to enter FH Mode



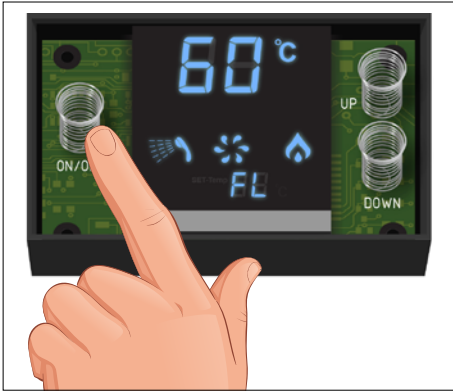
Select UP / DOWN to set the correct fan speed (Refer to FH value in table)



Select ON/OFF to confirm
(Note: this change is not confirmed until you have saved and quit)

Setting the Minimum Fan Speed (FL)

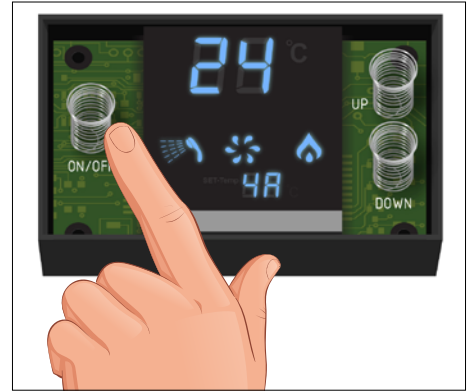
Ensure the unit is running at full capacity before adjusting the following



Press ON/OFF to enter FL Mode

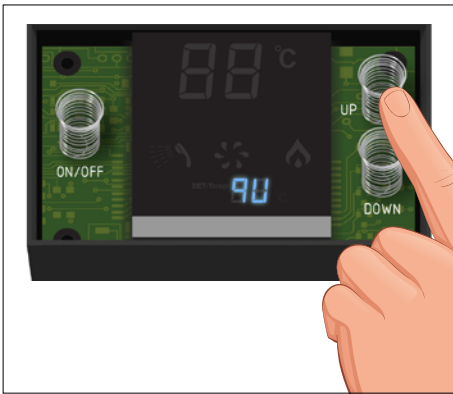


Select UP / DOWN to set the correct fan speed (Refer to FL value in table)

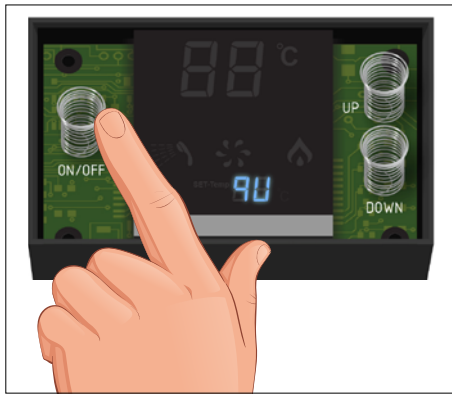


Press ON/OFF to select (Note: this change is not confirmed until you have saved and quit)

Saving & Quitting the programming changes (qU)



Press UP until the qU code is visible



Press ON/OFF to confirm all changes (Controller will beep four times to confirm)

Gas Pressure Test Points

