

Summary: Below are the recommended Lambdatronic settings when installing an Auger Vacuum system to a Fröling P4 Pellet boiler.

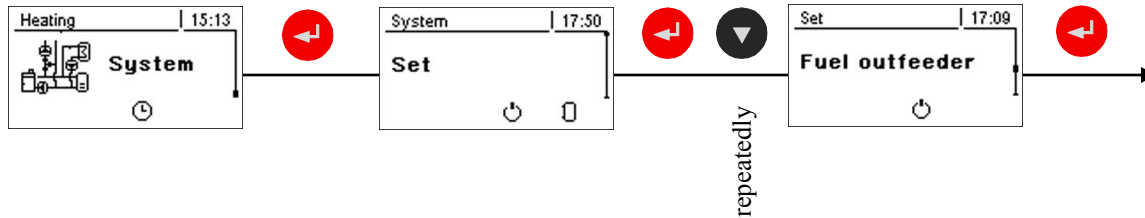
Step 1 Settings

Boiler type	P4 Pellet 8-25 Selected←	P4 Boiler type: P4 Pellet 8 P4 Pellet 15 P4 Pellet 20 P4 Pellet 25
	P4 Pellet 32-105 ←	P4 Boiler type: P4 Pellet 32 P4 Pellet 38 P4 Pellet 48 P4 Pellet 60 P4 Pellet 80 P4 Pellet 100 P4 Pellet 105

Lambda Probe Installed	Yes
Boiler enable input available	No
Boiler Stops automatically when no heat required	No
Supply bin installed	No
Vacuum + screw filling system installed	Yes
Vacuum + screw filling system automatically operated installed	No*
Universal suction manually operated	No
Universal suction, automatically operated	No
Return flow mixer through external module	No

* Make sure this is set to "NO". This is for pellet store rooms with multiple Vacuum Augers.

Step 2 Settings



Parameter	Settings
Start of 1st pellet filling	09:00
Start of 2nd pellet filling	15:00
Refill of Cyclone from	35%
Refill cyclone after buffer charging?	No
Preliminary suction time	0s -Auger motor will run constantly (ignores screw cycle setting) 5s -Suction motor will run for this amount of time before the auger motor will start. This time is included in the screw cycle time below.
Screw cycle	60s -If 0s is not chosen under Preliminary suction time, this is the total time including the preliminary suction time. The auger will cycle on and off based on these two settings.
Vacuum + screw filling run-on, applies after reaching the MAX	0s -After pellet hopper reaches MAX, the auger and suction motors will run for this amount of time. Recommend 0-5s.
Suction run-on	15s -After pellet hopper reaches MAX, the suction motor will run for this amount of time. This allows the suction tube to be cleared of fuel. Recommend 15s
Max. runtime of suction fan	45m -Leave at this default
Maximum current for delivery screw	3.50A - Leave at this default (auger motor is 2.9 Amps. This will allow a 20% buffer).
Slide valve installed on pellet cyclone	
Measured path of slide valve	
Minimum path for slide valve	
P4 Pellet 32/38 with small cyclone installed	