1. Air inlet
2. Flue exhaust
3. Automatic air vent
4. Sealing chamber
5. Three way valve (optional)
6. High temp supply temperature switch
7. Supply temperature sensor
8. Piping coolant
9. High limit gas temperature sensor
10. High limit heat gas temperature switch
11. Control board
12. Pressure sensor
13. Ignition electrodes
14. Ignition
15. Distance temperature sensor
16. Modulating PWM fan
17. Stack fan prevented
18. Surface valve (optional)
19. Water pressure sensor
20. Gas valve
21. Circulated pump
22. Detection electrode
23. Supply and return manifold
24. CIV Stainless steel heat exchanger
25. Manifold supply
26. Manifold return
27. Gas supply
28. Blocked gas pressure switch
29. Condensing blocked drain switch
30. Condensing drain
31. Condensing Solenoid
32. Main switching switch
33. System temperature sensor
34. Flow
35. Modulating temperature board
36. Condenser temperature
37. ESD - 1 safety devices
38. Flow signal valve
39. Low water cut-off
40. High limit temperature switch
41. Temperature gauge
42. Pressure gauge
43. Summer double CH pump (when outdoor sensor working all the time)
44. Panel thermostat relay
45. 2 minutes timer
46. CH pump relay
47. CRW pump relay
48. No delays for the control of the external pumps
49. Enable parallel CH and DHW pumps working
50. System electrical switch
51. 110 to 24Vca transformer
52. Fault relay
53. Motorized valve (optional)
54. System pump relay
55. System reset
56. LWOC - Low water cut-off and all other CSD-1 safety devices connection
57. CH Pump - Central heating pump
58. DHW Pump - Domestic hot water pump