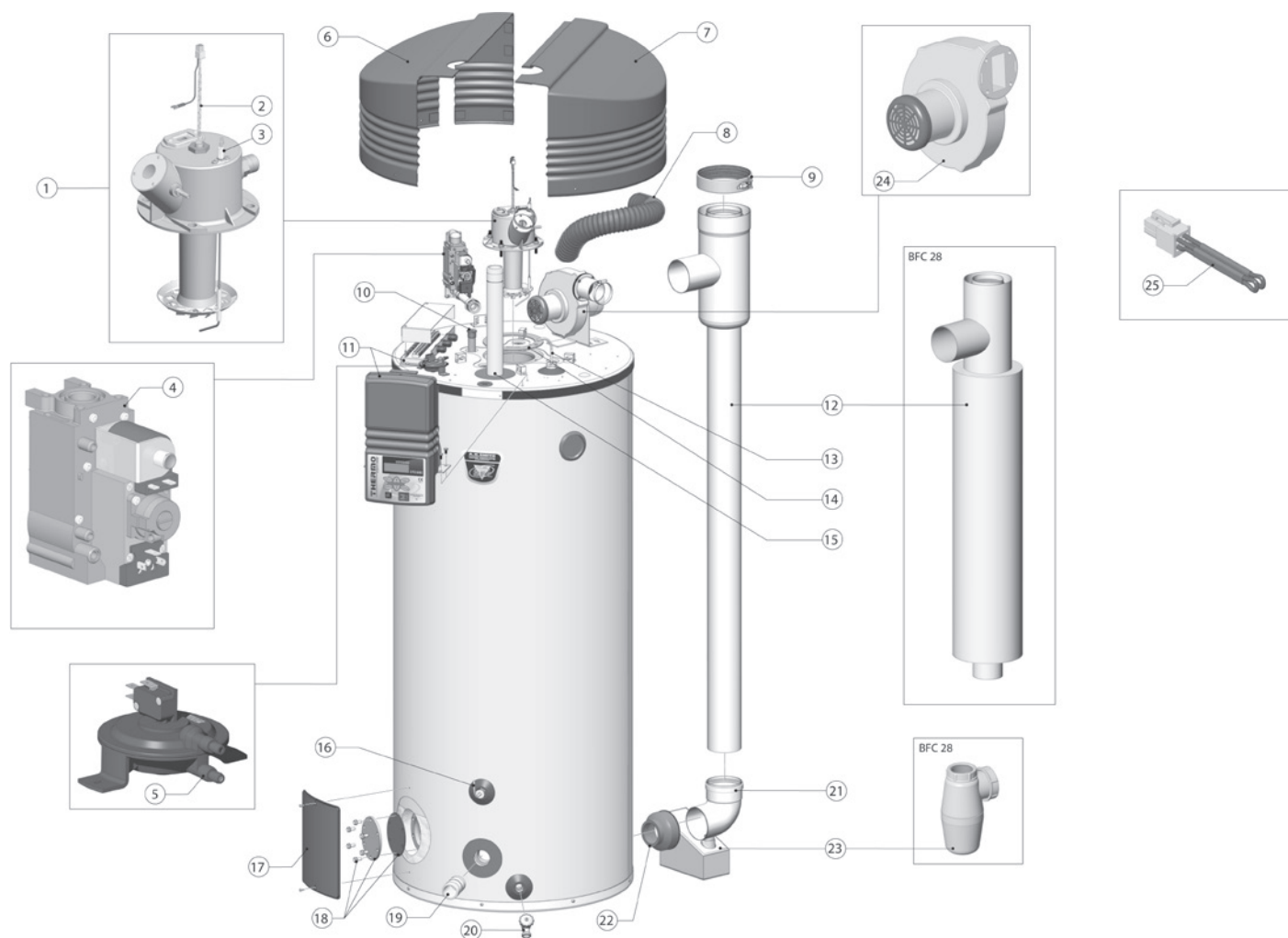
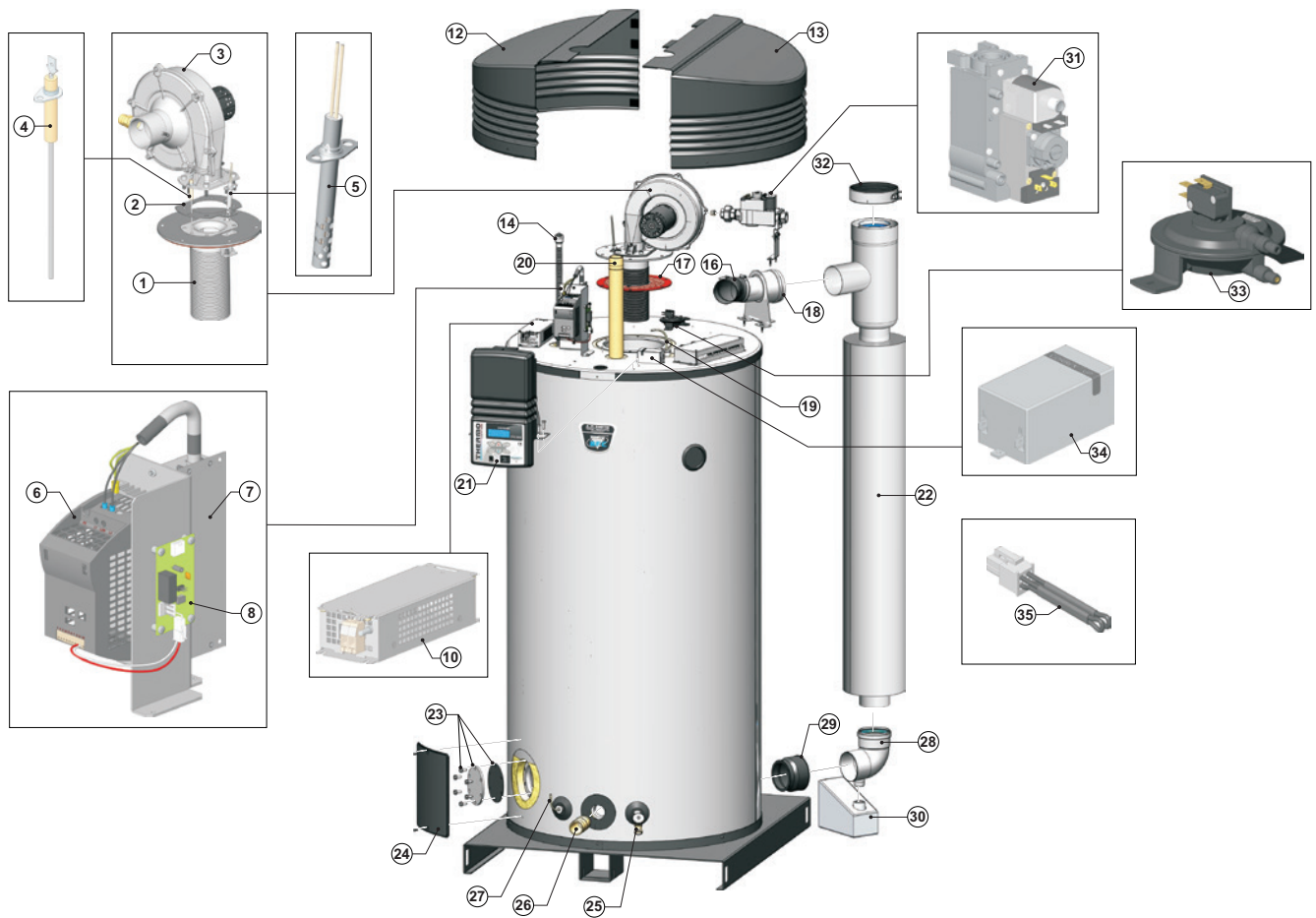


## Exploded view BFC 28-60 before 14-9-'09



**EVD-0011**

# Exploded view BFC 80-100 before 14-9-'09



**EVD-0037 R1**

# BFC Cyclone before 14-9-'09

## BFC Cyclone parts



| nr | description                      | date                             | 28                 | 30                 | 50                 | 60                 |
|----|----------------------------------|----------------------------------|--------------------|--------------------|--------------------|--------------------|
| 2  | Glow igniter service kit         | tot 01-06-'05<br>vanaf 01-06-'05 | 0307314(S)         | 0307314(S)         | 0307314(S)         | 0307314(S)         |
| 3  | Flame probe                      |                                  | 0304079(S)         | 0304079(S)         | 0304079(S)         | 0304079(S)         |
| 4  | Gas control (NAT)                |                                  | 0300903(S)         | 0300903(S)         | 0300903(S)         | 0300808(S)         |
|    | Gas Control (LP)                 |                                  | 0301099(S)         | 0301099(S)         | 0301099(S)         | 0301100(S)         |
| 5  | Differential air pressure switch | tot 16-11-'08<br>vanaf 17-11-'08 | 0305003(S)         | 0305004(S)         | 0305005(S)         | 0305006(S)         |
| 8  | Flexible hose                    |                                  | 0304035(S)         | 0304035(S)         | 0304035(S)         | 0304035(S)         |
| 9  | Clamping strip                   |                                  | 0305027(S)         | 0304199(S)         | 0304199(S)         | 0304199(S)         |
| 10 | Anode                            |                                  | 0183463039(S) (4x) | 0183463050(S) (4x) | 0183463050(S) (4x) | 0183463050(S) (4x) |
|    | Flexible anode                   |                                  | 0304728(S) (4x)    | 0304728(S) (4x)    | 0304728(S) (4x)    | 0304728(S) (4x)    |
| 11 | ThermoControl                    |                                  | n.a.               | n.a.               | n.a.               | n.a.               |
| 12 | Y-piece duct damper              |                                  | 0304987(S)         | 0304683(S)         | 0304683(S)         | 0304683(S)         |
| 13 | Temp.sensor T2 (top tank)        |                                  | 0304005(S)         | 0304005(S)         | 0304005(S)         | 0304005(S)         |
| 14 | Gasket burner/tank               |                                  | 0192331(S)         | 0192331(S)         | 0192331(S)         | 0192331(S)         |
| 15 | Hot water outlet nipple          |                                  | 0304017(S)         | 0304017(S)         | 0304017(S)         | 0304017(S)         |
| 16 | Temp.sensor T1 (bottom tank)     |                                  | 0304004(S)         | 0304004(S)         | 0304004(S)         | 0304004(S)         |
| 17 | Cover plate cleaning opening     |                                  | 0039137002/24(S)   | 0039137002/24(S)   | 0039137002/24(S)   | 0039137002/24(S)   |
| 18 | Cleaning opening kit             |                                  | 0305082(S)         | 0305082(S)         | 0305082(S)         | 0305082(S)         |
| 19 | Cold water supply nipple         |                                  | 0070615(S)         | 0070615(S)         | 0070615(S)         | 0070615(S)         |
| 20 | Drain valve                      |                                  | 0026273004(S)      | 0026273004(S)      | 0026273004(S)      | 0026273004(S)      |
| 21 | Bend                             |                                  | 0304986(S)         | 0304029(S)         | 0304029(S)         | 0304029(S)         |
| 22 | Adapter                          |                                  | 0304984(S)         | 0192636(S)         | 0192636(S)         | 0192636(S)         |
| 23 | Siphon                           |                                  | 0304988(S)         | 0306181(S)         | 0306181(S)         | 0306181(S)         |
| 24 | Fan                              |                                  | 0304104(S)         | 0304104(S)         | 0304104(S)         | 0304104(S)         |
| 25 | Flue gas thermostat              |                                  | 0304301(S)         | 0304301(S)         | 0304301(S)         | 0304301(S)         |

| nr | description                  | date                                                                       | before 06-04-'07 80                | before 06-04-'07 100               | 80                                 | 100                                |
|----|------------------------------|----------------------------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 1  | Burner                       |                                                                            | 0306339(S)                         | 0306340(S)                         | 0197315(S)                         | 0197315(S)                         |
| 2  | Gasket fan/burner            | before 19-01-'09<br>after 19-01-'09                                        | 0304961(S)<br>-                    | 0304961(S)<br>-                    | 0308202(S)<br>0309067(S)           | 0308202(S)<br>0309067(S)           |
| 3  | Fan                          |                                                                            | 0194746(S)                         | 0194746(S)                         | 0197322(S)                         | 0197322(S)                         |
| 4  | Flame probe                  |                                                                            | 0194776001(S)                      | 0194776001(S)                      | 0194776002(S)                      | 0194776002(S)                      |
| 5  | Hot surface igniter          | before 01-06-'05<br>after 01-06-'05<br>before 18-01-'09<br>after 19-01-'09 | 0307309(S)<br>0306338(S)<br>-<br>- | 0307308(S)<br>0306338(S)<br>-<br>- | -<br>0308204(S)<br>0309065(S)<br>- | -<br>0308204(S)<br>0309065(S)<br>- |
| 6  | Frequency controller         |                                                                            | 0305805(S)                         | 0305805(S)                         | 0305805(S)                         | 0305805(S)                         |
| 7  | EMC-Filter                   |                                                                            | 0305806(S)                         | 0305806(S)                         | 0305806(S)                         | 0305806(S)                         |
| 8  | PCB interface                | before 31-07-'06                                                           | n.a.                               | n.a.                               | n.a.                               | n.a.                               |
| 9  | Automatic air bleed          |                                                                            | 0305516(S)                         | 0305516(S)                         | -                                  | -                                  |
| 10 | Line commutation choke       |                                                                            | -                                  | -                                  | 0306690(S)                         | 0306690(S)                         |
| 11 | Circulation pump             |                                                                            | 0305515(S)                         | 0305515(S)                         | -                                  | -                                  |
| 14 | Power anode                  |                                                                            | 0302757(S)                         | 0302757(S)                         | 0302757(S)                         | 0302757(S)                         |
| 15 | Flexible hose (water)        |                                                                            | 0305960(S)                         | 0305960(S)                         | -                                  | -                                  |
| 16 | Flexible hose (air)          |                                                                            | 0305504(S)                         | 0305504(S)                         | 0305504(S)                         | 0305504(S)                         |
| 17 | Gasket burner/tank           |                                                                            | 0192331(S)                         | 0192331(S)                         | 0308266(S)                         | 0308266(S)                         |
| 18 | Chimney adaptor              |                                                                            | n.a.                               | n.a.                               | n.a.                               | n.a.                               |
| 19 | Temp.sensor T2 (top tank)    |                                                                            | 0304005(S)                         | 0304005(S)                         | 0304005(S)                         | 0304005(S)                         |
| 20 | Hot water outlet nipple      |                                                                            | 0304017(S)                         | 0304017(S)                         | 0304017(S)                         | 0304017(S)                         |
| 21 | ThermoControl                |                                                                            | 0308578(S)                         | 0308578(S)                         | 0308582(S)                         | 0308582(S)                         |
| 22 | Y-piece duct                 |                                                                            | 0304012(S)                         | 0304012(S)                         | 0304683(S)                         | 0304683(S)                         |
| 23 | Cleaning opening kit         |                                                                            | 0305082(S)                         | 0305082(S)                         | 0305082(S)                         | 0305082(S)                         |
| 24 | Cover plate cleaning opening |                                                                            | 0039137002/24(S)                   | 0039137002/24(S)                   | 0039137002/24(S)                   | 0039137002/24(S)                   |
| 25 | Drain valve                  |                                                                            | 0026273004(S)                      | 0026273004(S)                      | 0026273004(S)                      | 0026273004(S)                      |
| 26 | Cold water inlet nipple      |                                                                            | 0070615(S)                         | 0070615(S)                         | 0070615(S)                         | 0070615(S)                         |
| 27 | Temp.sensor T1 (bottom tank) |                                                                            | 0304004(S)                         | 0304004(S)                         | 0304004(S)                         | 0304004(S)                         |
| 28 | Bend                         |                                                                            | 0304029(S)                         | 0304029(S)                         | 0304029(S)                         | 0304029(S)                         |
| 29 | Adapting socket              |                                                                            | 0192636(S)                         | 0192636(S)                         | 0308196(S)                         | 0308196(S)                         |
| 30 | Siphon                       |                                                                            | 0306181(S)                         | 0306181(S)                         | 0306181(S)                         | 0306181(S)                         |
| 31 | Gas control                  |                                                                            | 0306189(S)                         | 0306189(S)                         | 0306189(S)                         | 0306189(S)                         |
| 32 | Clamping strip               |                                                                            | 0304199(S)                         | 0304199(S)                         | 0304199(S)                         | 0304199(S)                         |
| 33 | Air pressure switch          |                                                                            | 0305490(S)                         | 0305491(S)                         | 0308271(S)                         | n.a.                               |
| 34 | Potentiostat                 |                                                                            | 0306160(S)                         | 0306160(S)                         | 0306160(S)                         | 0306160(S)                         |
| 35 | Flue gas sensor              |                                                                            | 0304301(S)                         | 0304301(S)                         | 0304301(S)                         | 0304301(S)                         |

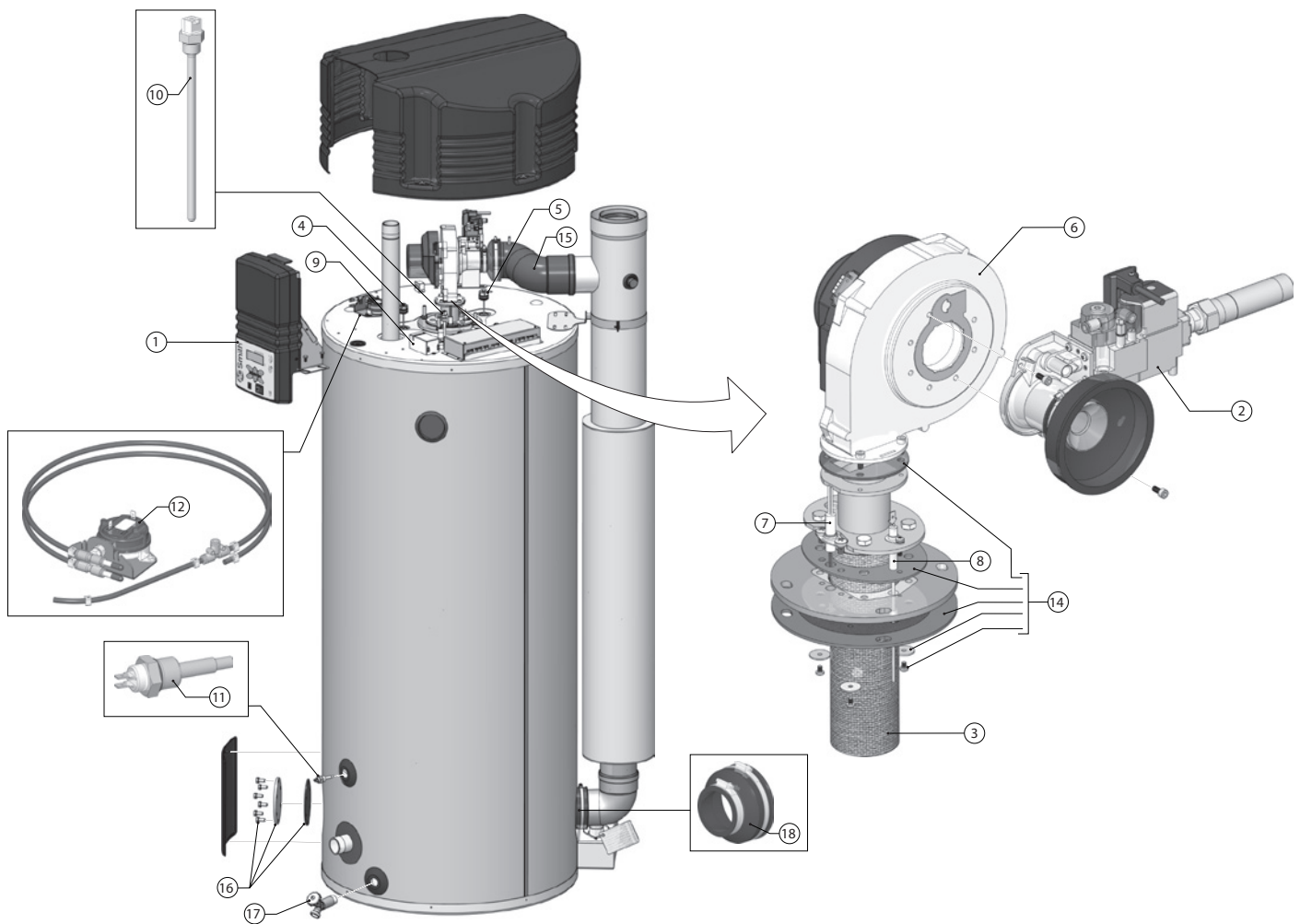
BFC Cyclone before 14-9-'09

BFC Cyclone accessories



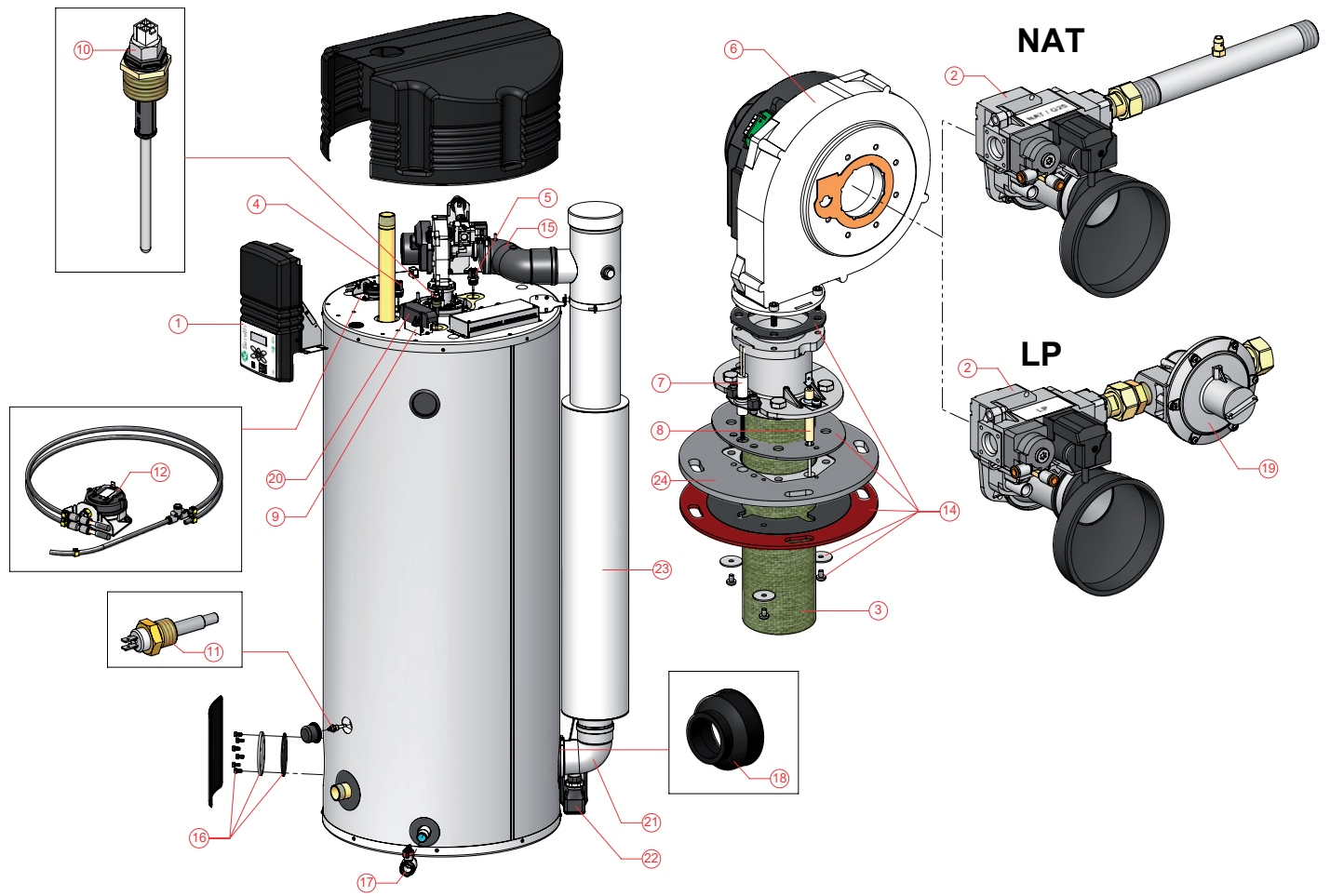
| description                | date | 28            | 30            | 50            | 60            | 80            | 100           |
|----------------------------|------|---------------|---------------|---------------|---------------|---------------|---------------|
| Inlet securtity group G1"  |      | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) |
| Isolating transformer kit  |      | 0306054(S)    | 0306054(S)    | 0306054(S)    | 0306054(S)    | 0306054(S)    | 0306054(S)    |
| Gas Cock                   |      | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    |
| Reducing Nipple Rp 1½ x 22 |      | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    |
| Reducing Nipple Rp 1½ x 28 |      | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    |
| Reducing Nipple Rp 1½ x 35 |      | n.a.          | n.a.          | n.a.          | n.a.          | n.a.          | n.a.          |
| Potential free switch kit  |      | 0306056(S)    | 0306056(S)    | 0306056(S)    | 0306056(S)    | 0306056(S)    | 0306056(S)    |

# Exploded view BFC Cyclone 28-60 from 14-9-'09 until 3-2-'13



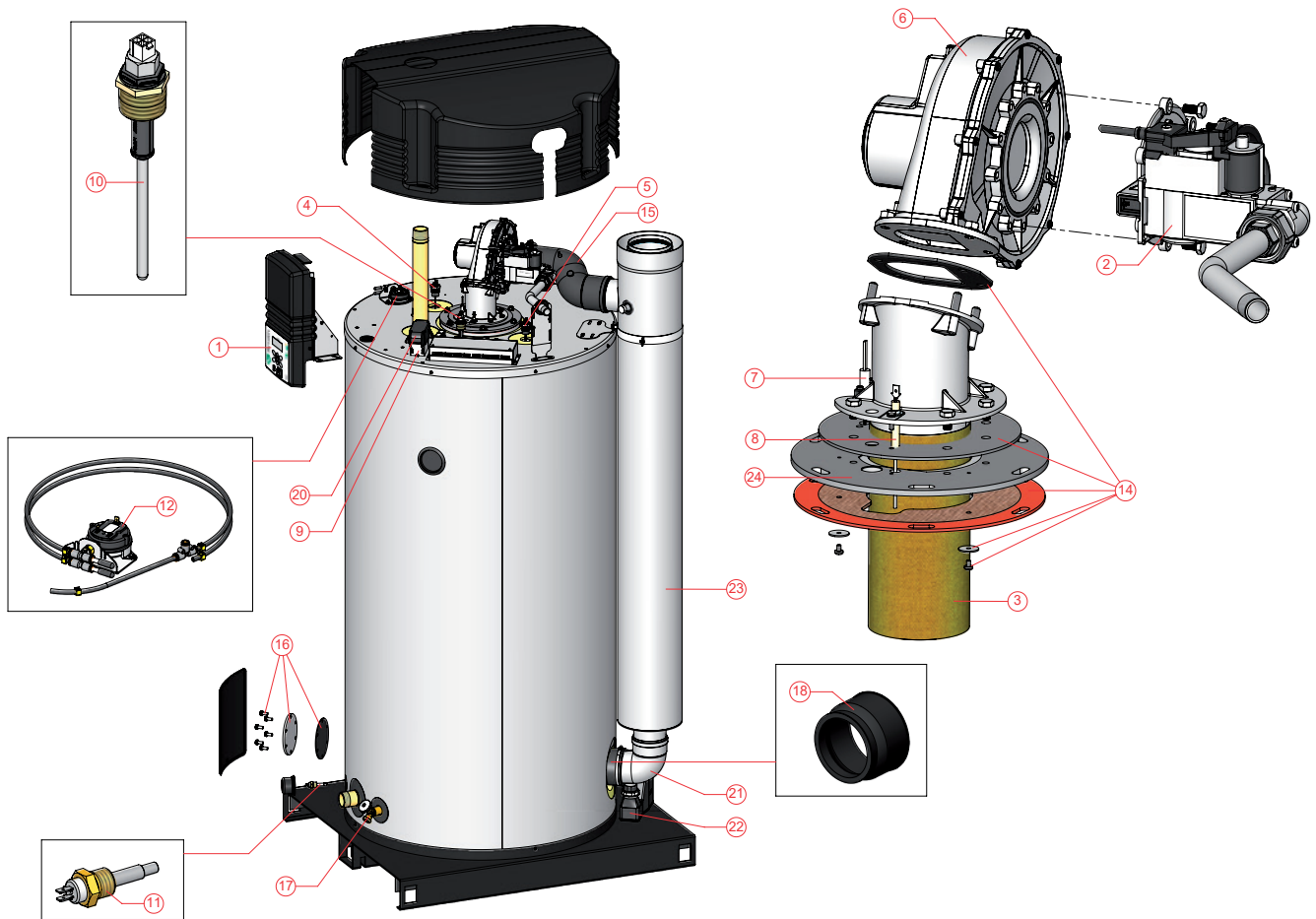
**EVD-0052 R0**

# Exploded view BFC Cyclone 28-60 after 4-2-'13



**EVD-0052 R6**

# Exploded view BFC Cyclone 80-120 after 14-9-'09



**EVD-0053 R4**

# BFC Cyclone after 14-9-'09

## BFC parts

| nr | Description                                   | date             | 28            | 30            | 50            | 60            | 80            | 100           | 120           |
|----|-----------------------------------------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1  | Control                                       |                  | 0311159(S)    | 0311159(S)    | 0311159(S)    | 0311159(S)    | 0311159(S)    | 0311159(S)    | 0311159(S)    |
| 2  | Gas control (NAT)                             | before 03-02-'13 | 0310186(S)    | 0310186(S)    | 0310186(S)    | 0310186(S)    | -             | -             | -             |
|    |                                               | after 04-02-'13  | 0310155(S)    | 0310155(S)    | 0310155(S)    | 0310155(S)    | -             | -             | -             |
|    | Gas control (LP)                              | before 03-02-'13 | -             | -             | -             | -             | 0309167(S)    | 0309167(S)    | 0309167(S)    |
|    |                                               | after 04-02-'13  | 0310188(S)    | 0310188(S)    | 0310188(S)    | 0310188(S)    | -             | -             | -             |
| 3  | Burner                                        |                  | 0309297(S)    | 0309297(S)    | 0309297(S)    | 0309297(S)    | 0309168(S)    | 0309168(S)    | 0309168(S)    |
| 4  | Power anode                                   |                  | -             | 0197709(S)    | 0197709(S)    | 0197709(S)    | 0197709(S)    | 0197709(S)    | 0197709(S)    |
| 5  | Power anode                                   |                  | 0197710002(S) | 0197710(S)    | 0197710(S)    | 0197710(S)    | 0197710(S)    | 0197710(S)    | 0197710(S)    |
| 6  | Fan                                           |                  | 0309159(S)    | 0309159(S)    | 0309159(S)    | 0309159(S)    | 0309119(S)    | 0309119(S)    | 0309119(S)    |
| 7  | Glow-igniter                                  |                  | 0309232(S)    | 0309232(S)    | 0309232(S)    | 0309232(S)    | 0309232(S)    | 0309232(S)    | 0309232(S)    |
| 8  | Flame probe                                   |                  | 0310075(S)    | 0310075(S)    | 0310075(S)    | 0310075(S)    | 0310075(S)    | 0310075(S)    | 0310075(S)    |
| 9  | Potentiostat                                  |                  | 0306160(S)    | 0306160(S)    | 0306160(S)    | 0306160(S)    | 0306160(S)    | 0306160(S)    | 0306160(S)    |
| 10 | Temperature sensor (top of tank)              |                  | 0311295(S)    | 0311295(S)    | 0311295(S)    | 0311295(S)    | 0311295(S)    | 0311295(S)    | 0311295(S)    |
| 11 | Temperature sensor (bottom of tank)           |                  | 0308149(S)    | 0308149(S)    | 0308149(S)    | 0308149(S)    | 0308149(S)    | 0308149(S)    | 0308149(S)    |
| 12 | Differential air pressure switch              |                  | 0309169(S)    | 0309169(S)    | 0309169(S)    | 0309169(S)    | 0309331(S)    | 0309331(S)    | 0309331(S)    |
| 13 | Harness                                       |                  | 0309136(S)    | 0309136(S)    | 0309136(S)    | 0309136(S)    | 0309136(S)    | 0309136(S)    | 0309136(S)    |
| 14 | Gaskets                                       |                  | 0309608(S)    | 0309608(S)    | 0309608(S)    | 0309608(S)    | 0309609(S)    | 0309609(S)    | 0309609(S)    |
| 15 | Air-inlet                                     |                  | 0309148(S)    | 0309148(S)    | 0309148(S)    | 0309148(S)    | 0309129(S)    | 0309129(S)    | 0309129(S)    |
| 16 | Cleaning opening                              |                  | 0305082(S)    | 0305082(S)    | 0305082(S)    | 0305082(S)    | 0305082(S)    | 0305082(S)    | 0305082(S)    |
| 17 | Drain valve                                   | before 03-10-'10 | 0026273004(S) | 0026273004(S) | 0026273004(S) | 0026273004(S) | 0026273004(S) | 0026273004(S) | 0026273004(S) |
|    |                                               | after 04-10-'10  | 0308997(S)    | 0308997(S)    | 0308997(S)    | 0308997(S)    | 0026273004(S) | 0026273004(S) | 0026273004(S) |
| 18 | Plastic adapting socket (exit heat exchanger) |                  | 0192636(S)    | 0192636(S)    | 0192636(S)    | 0192636(S)    | 0308196(S)    | 0308196(S)    | 0308196(S)    |
| 19 | Reducing valve                                | after 31-10-'12  | 0310180(S)    | 0310180(S)    | 0310180(S)    | 0310180(S)    | -             | -             | -             |
| 20 | Cover potentiostat                            | after 04-05-'15  | 0311486(S)    | 0311486(S)    | 0311486(S)    | 0311486(S)    | 0311486(S)    | 0311486(S)    | 0311486(S)    |
| 21 | Bend (with siphon connection)                 |                  | 0304029(S)    | 0304029(S)    | 0304029(S)    | 0304029(S)    | 0304029(S)    | 0304029(S)    | 0304029(S)    |
| 22 | Siphon                                        |                  | 0306181(S)    | 0306181(S)    | 0306181(S)    | 0306181(S)    | 0306181(S)    | 0306181(S)    | 0306181(S)    |
| 23 | Flue Gas Outlet Pipe (with damper)            |                  | 0309323(S)    | 0309398(S)    | 0309398(S)    | 0309398(S)    | 0309443(S)    | 0309443(S)    | 0309443(S)    |
| 24 | Burner flange                                 |                  | 0309296(S)    | 0309296(S)    | 0309296(S)    | 0309296(S)    | 0309295(S)    | 0309295(S)    | 0309295(S)    |
| -  | Cable gas valve                               |                  | 0309336(S)    | 0309336(S)    | 0309336(S)    | 0309336(S)    | -             | -             | -             |

## BFC accessories

| Description                | date | 28            | 30            | 50            | 60            | 80            | 100           | 120           |
|----------------------------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Gas cock                   |      | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    | 0300719(S)    |
| Inlet security group G1"   |      | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) | 0070066003(S) |
| T&P valve NO WRAS          |      | 0099383005(S) | 0099383005(S) | 0099383005(S) | 0099383005(S) | 0099383005(S) | 0099383005(S) | 0099383005(S) |
| Reducing Nipple (for T&P)  |      | 0306713(S)    | 0306713(S)    | 0306713(S)    | 0306713(S)    | 0306713(S)    | 0306713(S)    | 0306713(S)    |
| Reducing Nipple Rp 1½ x 22 |      | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    | 0309411(S)    |
| Reducing Nipple Rp 1½ x 28 |      | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    | 0309412(S)    |
| Reducing Nipple Rp 1½ x 35 |      | n.a.          | n.a.          | n.a.          | n.a.          | n.a.          | n.a.          | n.a.          |
| Isolation transformer      |      | 0309887(S)    | 0309887(S)    | 0309887(S)    | 0309887(S)    | 0309887(S)    | 0309887(S)    | 0309887(S)    |
| BMS interface              |      | 0310013(S)*   | 0310013(S)*   | 0310013(S)*   | 0310013(S)*   | 0310013(S)*   | 0310013(S)*   | 0310013(S)*   |

\* BMS Interface from before 29-7-'13 replaced by the latest version 0310013(S)