

NIBE Split PS no 2

Heating

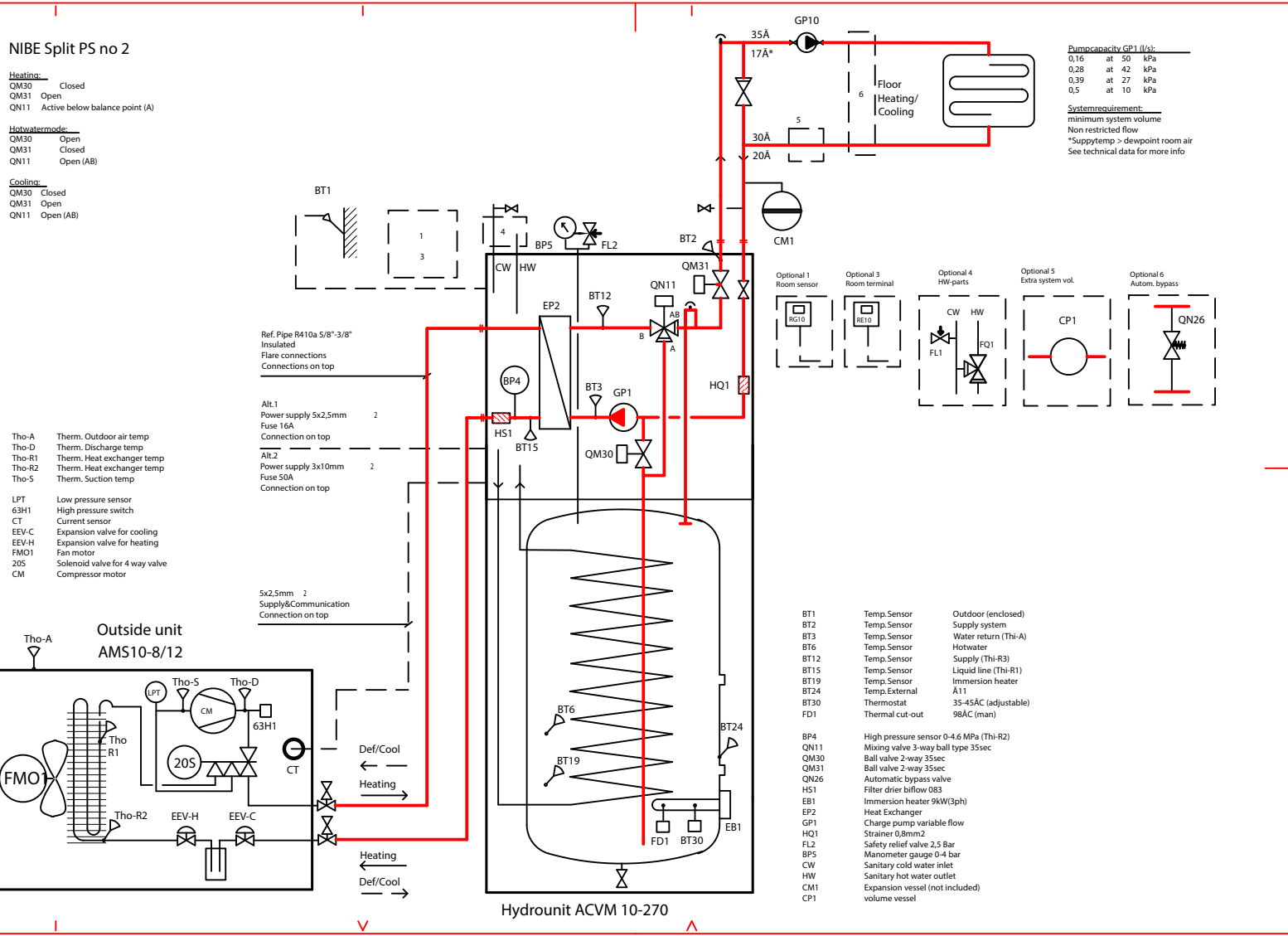
- QM30 Closed
- QM31 Open
- QN11 Active below balance point (A)

Hotwatermode

- QM30 Open
- QM31 Closed
- QN11 Open (AB)

Cooling

- QM30 Closed
- QM31 Open
- QN11 Open (AB)



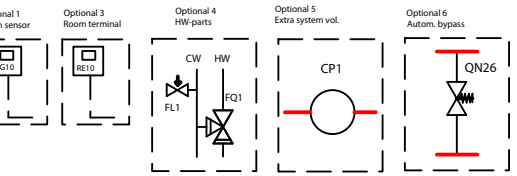
Hydraulic capacity GP10 (l/s)

0,16	at 50	kPa
0,28	at 42	kPa
0,39	at 27	kPa
0,5	at 10	kPa

System requirement:
 minimum system volume
 Non restricted flow
 *Supplytemp > dewpoint room air
 See technical data for more info

- Tho-A Therm. Outdoor air temp
- Tho-D Therm. Discharge temp
- Tho-R1 Therm. Heat exchanger temp
- Tho-R2 Therm. Heat exchanger temp
- Tho-S Therm. Suction temp
- LPT Low pressure sensor
- 63H1 High pressure switch
- CT Current sensor
- EEV-C Expansion valve for cooling
- EEV-H Expansion valve for heating
- FMO1 Fan motor
- 20S Solenoid valve for 4 way valve
- CM Compressor motor

- Alt1 Power supply 5x2,5mm 2 Fuse 16A Connection on top
- Alt2 Power supply 3x10mm 2 Fuse 50A Connection on top
- 5x2,5mm 2 Supply&Communication Connection on top



- BT1 Temp. Sensor Outdoor (enclosed)
- BT2 Temp. Sensor Supply system
- BT3 Temp. Sensor Water return (Thi-A)
- BT6 Temp. Sensor Hotwater
- BT12 Temp. Sensor Supply (Thi-R3)
- BT15 Temp. Sensor Liquid line (Thi-R1)
- BT19 Temp. Sensor Immersion heater
- BT24 Temp. External A11
- BT30 Thermostat 35-45°C (adjustable)
- FD1 Thermal cut-out 98AC (man)
- BP4 High pressure sensor 0-4.6 MPa (Thi-R2)
- QN11 Mixing valve 3-way ball type 35sec
- QM30 Ball valve 2-way 35sec
- QM31 Ball valve 2-way 35sec
- QN26 Automatic bypass valve
- HS1 Filter drier biflow 083
- EB1 Immersion heater 9KW(3ph)
- EP2 Heat Exchanger
- GP1 Charge pump variable flow
- HQ1 Strainer 0,8mm2
- FL2 Safety relief valve 2,5 Bar
- BP5 Manometer gauge 0-4 bar
- CW Sanitary cold water inlet
- HW Sanitary hot water outlet
- CM1 Expansion vessel (not included) volume vessel
- CP1