

# NIBE Split PS no 3

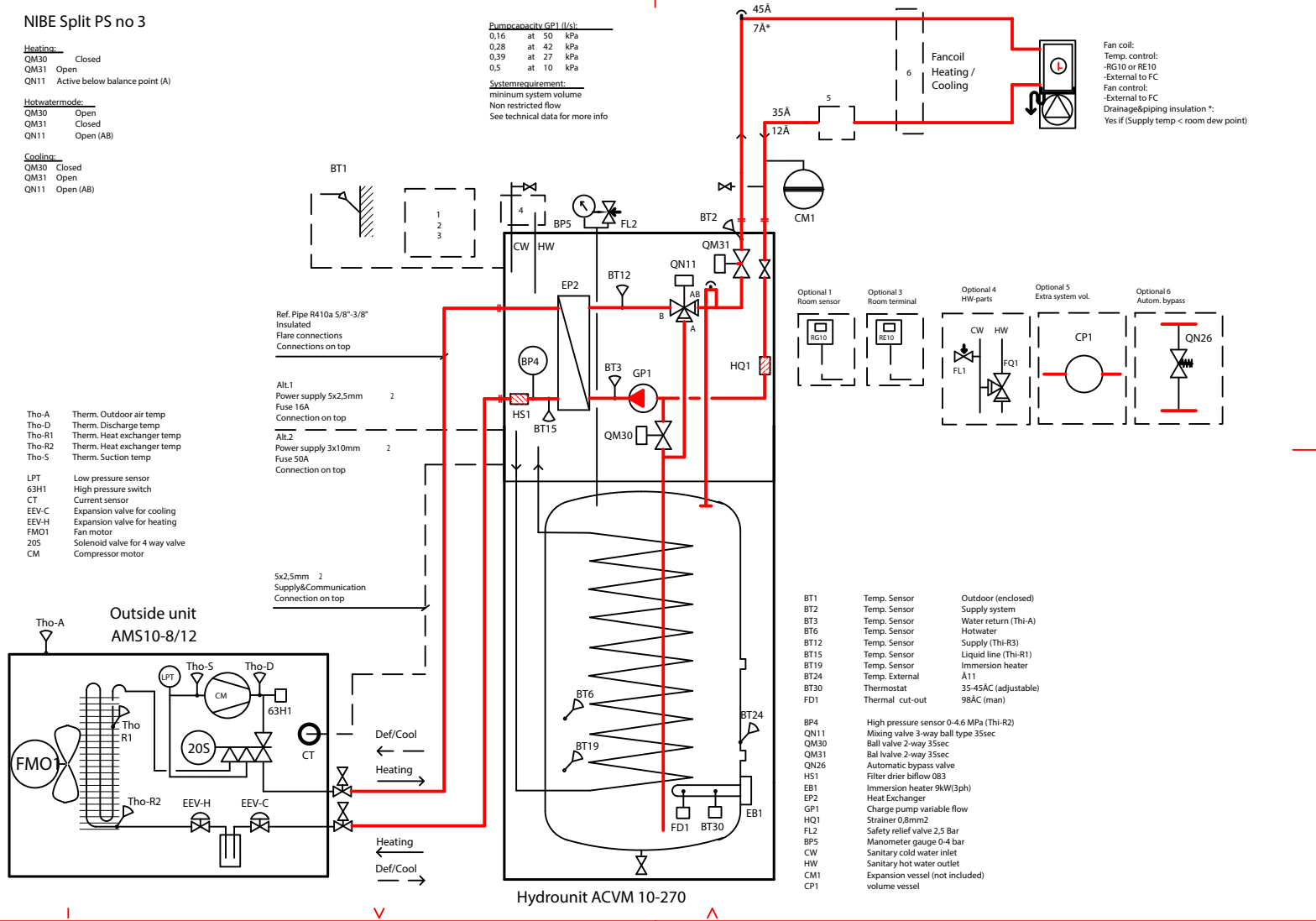
**Heating:**  
 QM30 Closed  
 QM31 Open  
 QN11 Active below balance point (A)

**Hotwatermode:**  
 QM30 Open  
 QM31 Closed  
 QN11 Open (AB)

**Cooling:**  
 QM30 Closed  
 QM31 Open  
 QN11 Open (AB)

**Discharge capacity GP1 (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  
 See technical data for more info



**Fan coil:**  
 Temp. control:  
 -RG 10 or RE 10  
 -External to FC  
 Fan control:  
 -External to FC  
 Drainage&pipng insulation\*:  
 Yes if (Supply temp < room dew point)

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

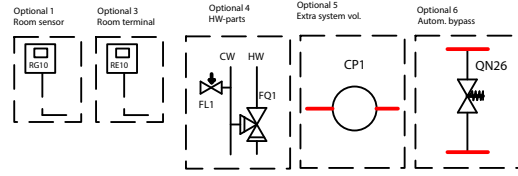
LPT Low pressure sensor  
 63H1 High pressure switch  
 CT Current sensor  
 EEV-C Expansion valve for cooling  
 EEV-H Expansion valve for heating  
 FMO1 Fan motor  
 20S Solenoid valve for 4 way valve  
 CM Compressor motor

Ref. Pipe R410a 5/8"-3/8"  
 Insulated  
 Flare connections  
 Connections on top

Alt1 Power supply 5x2,5mm  
 Fuse 16A  
 Connection on top

Alt2 Power supply 3x10mm  
 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 AI1  
 BT30 Thermostat 35-45AC (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 Bal 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)  
 CP1 volume vessel