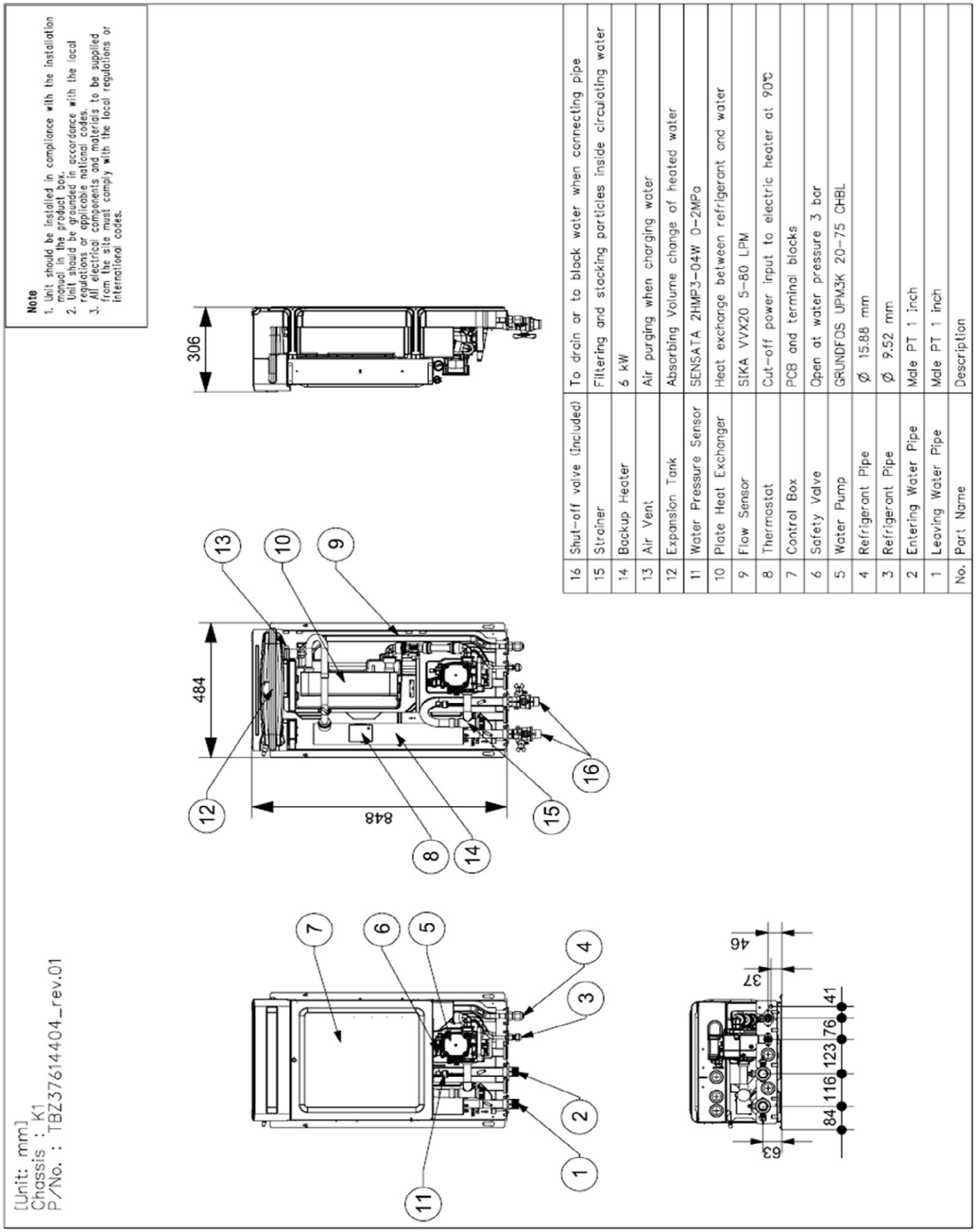

No.	Part Name	Description
1	Leaving Water Pipe	Male PT 1 inch
2	Entering Water Pipe	Male PT 1 inch
3	Refrigerant Pipe	Ø 9.52 mm
4	Refrigerant Pipe	Ø 15.88 mm
5	Water Pump	GRUNDFOS UPM3K 20-75 CHBL
6	Safety Valve	Open at water pressure 3 bar
7	Control Box	PCB and terminal blocks
8	Thermostat	Cut-off power input to electric heater at 90℃
9	Flow Sensor	SIKA VVX20 5-80 LPM
10	Plate Heat Exchanger	Heat exchange between refrigerant and water
11	Water Pressure Sensor	SENSATA 2HMP3-04W 0-2MPa
12	Expansion Tank	Absorbing Volume change of heated water
13	Air Vent	Air purging when charging water
14	Backup Heater	6 kW
15	Strainer	Filtering and stacking particles inside circulating water
16	Shut-off valve (Included)	To drain or to block water when connecting pipe