

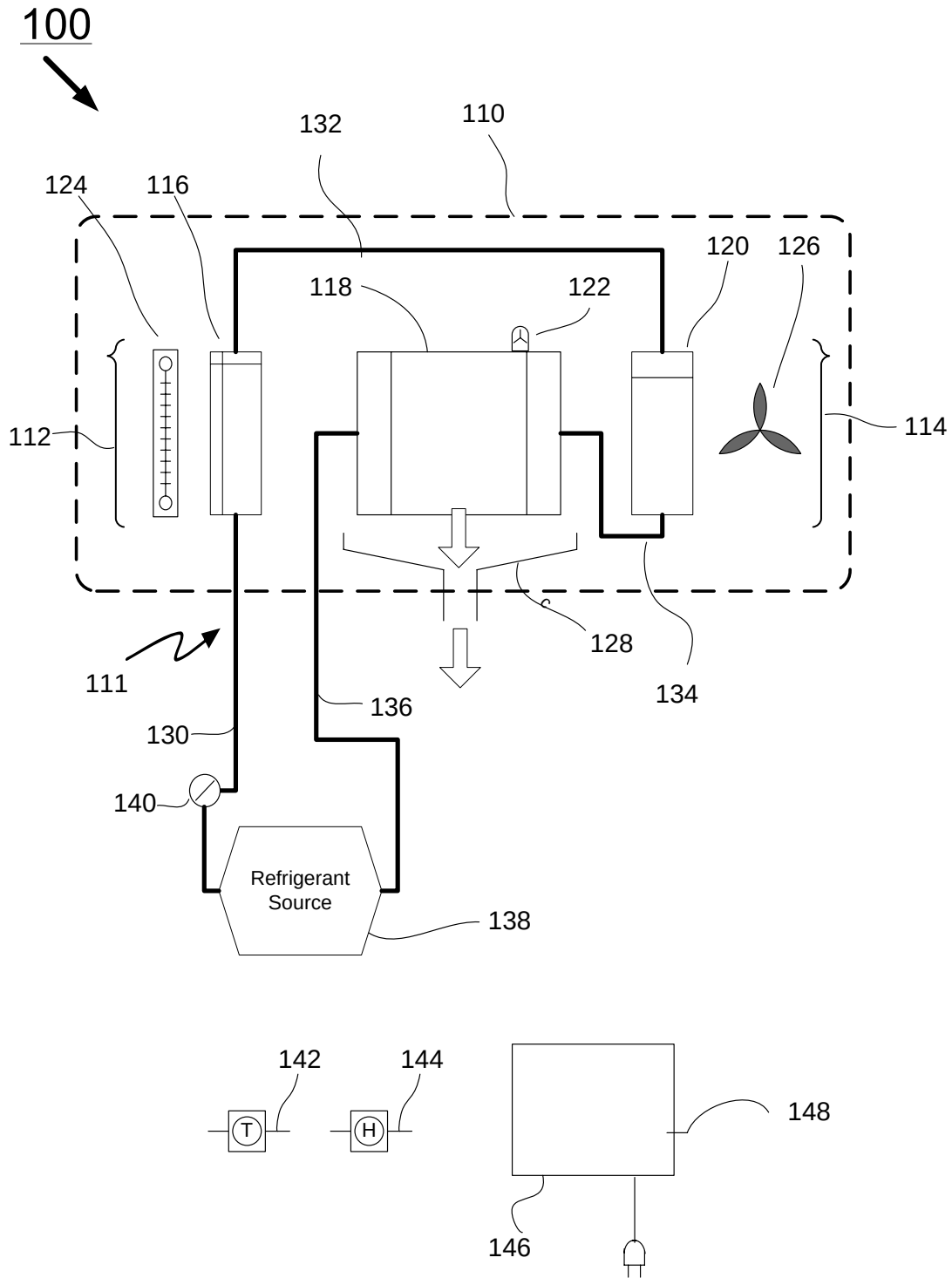
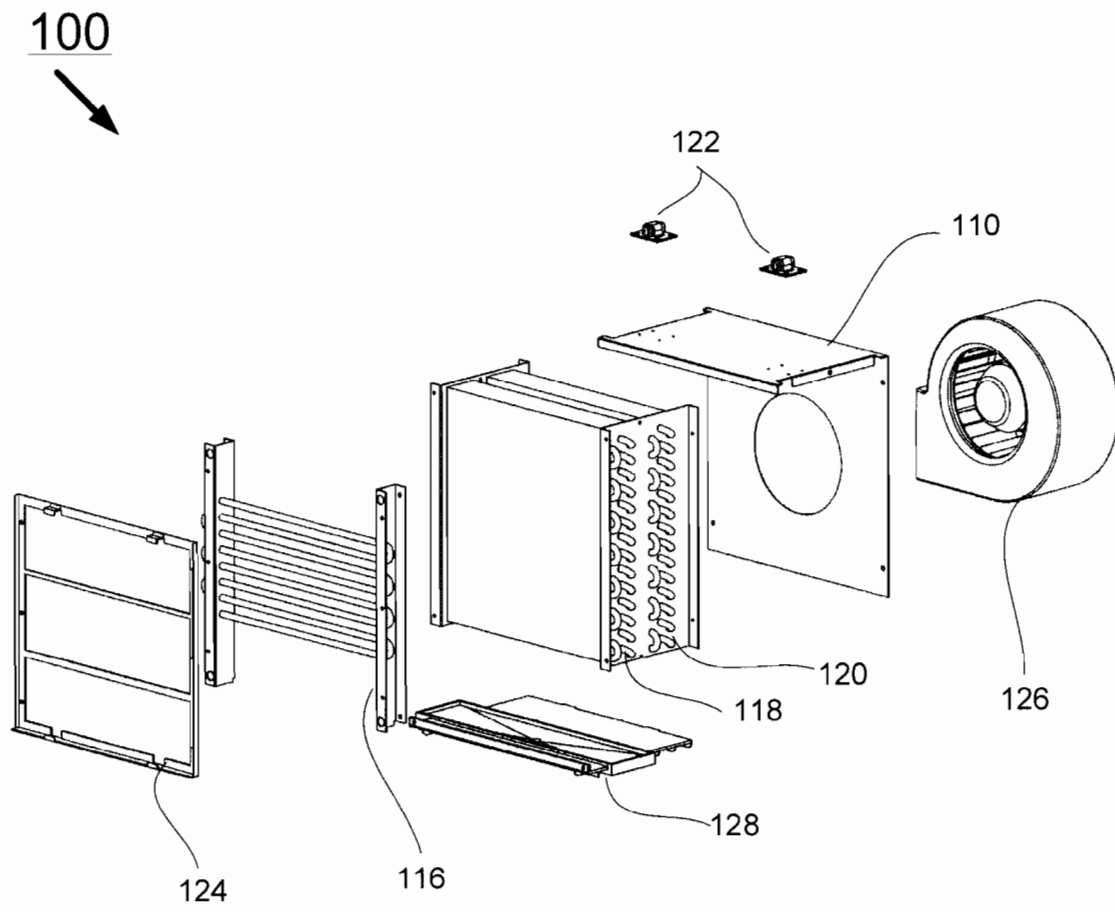
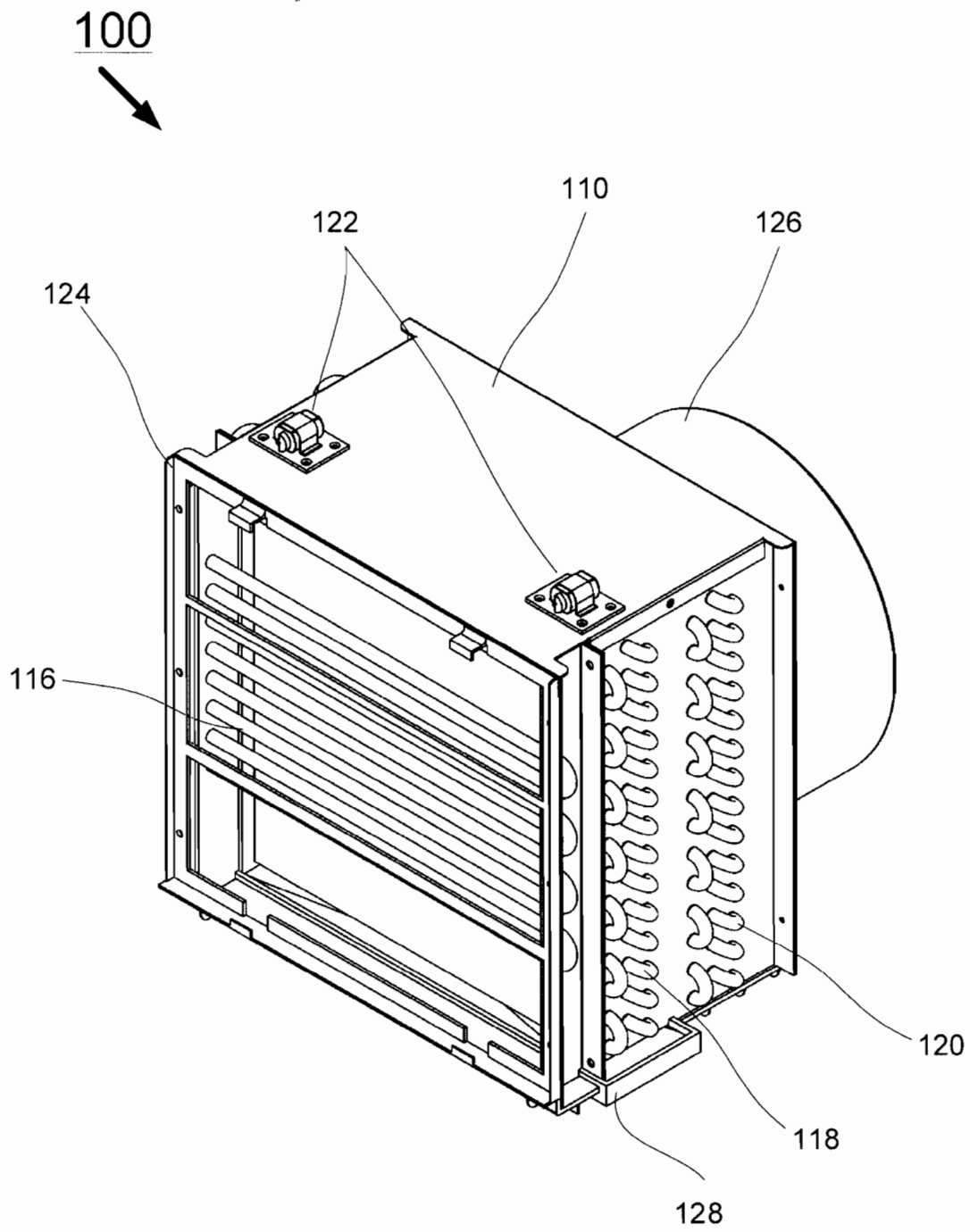


Figure 1

Ambient Air Temperature °C	Ambient Air R. Humidity %	Air Energizer Height In Ratio to Condenser	Air Energizer Distance to Condenser (mm)	Condenser Tube Size (mm)	Condenser Size In Ratio to HDU	Condenser No. of Surfaces Per Inch Size	Heat Dissipating Unit Tube Size (mm)	Air Flow (CFM)	Water Production Rate (Litres per hour)	Water Production Rate (Litres per day)	Performance
20	60	NIL	20	9.375	1 : 1	12	9.375	500	0.5556	13.3344	---
20	60	NIL	20	9.375	0.75 : 1	12	9.375	500	0.61116	14.66784	110.00%
20	60	NIL	20	9.375	0.5 : 1	12	9.375	500	0.52782	12.66768	95.00%
20	60	NIL	20	9.375	0.25 : 1	12	9.375	500	0.38892	9.33408	70.00%
20	60	1 : 1	20	7	1 : 1	12	7	500	0.7828	18.7872	140.89%
20	60	1 : 1	20	7	0.75 : 1	12	7	500	0.884564	21.22954	159.21%
20	60	1 : 1	20	7	0.5 : 1	12	7	500	0.74366	17.84784	133.85%
20	60	1 : 1	20	7	0.25 : 1	12	7	500	0.54796	13.15104	98.62%
20	60	0.75 : 1	20	7	1 : 1	12	7	500	0.80237	19.25688	144.42%
20	60	0.75 : 1	20	7	0.75 : 1	12	7	500	0.906678	21.76027	163.19%
20	60	0.75 : 1	20	7	0.5 : 1	12	7	500	0.762252	18.29404	137.19%
20	60	0.75 : 1	20	7	0.25 : 1	12	7	500	0.561659	13.47982	101.09%
20	60	0.5 : 1	20	7	1 : 1	12	7	500	0.74366	17.84784	133.85%
20	60	0.5 : 1	20	7	0.75 : 1	12	7	500	0.840336	20.16806	151.25%
20	60	0.5 : 1	20	7	0.5 : 1	12	7	500	0.706477	16.95545	127.16%
20	60	0.5 : 1	20	7	0.25 : 1	12	7	500	0.520562	12.49349	93.69%
20	60	0.75 : 1	30	7	1 : 1	12	7	500	0.778299	18.67917	140.08%
20	60	0.75 : 1	30	7	0.75 : 1	12	7	500	0.879478	21.10747	158.29%
20	60	0.75 : 1	30	7	0.5 : 1	12	7	500	0.739384	17.74521	133.08%
20	60	0.75 : 1	30	7	0.25 : 1	12	7	500	0.544809	13.07542	98.06%
20	60	0.75 : 1	10	7	1 : 1	12	7	500	0.778299	18.67917	140.08%
20	60	0.75 : 1	10	7	0.75 : 1	12	7	500	0.879478	21.10747	158.29%
20	60	0.75 : 1	10	7	0.5 : 1	12	7	500	0.739384	17.74521	133.08%
20	60	0.75 : 1	10	7	0.25 : 1	12	7	500	0.544809	13.07542	98.06%

Figure 2

**Figure 3a**

**Figure 3b**

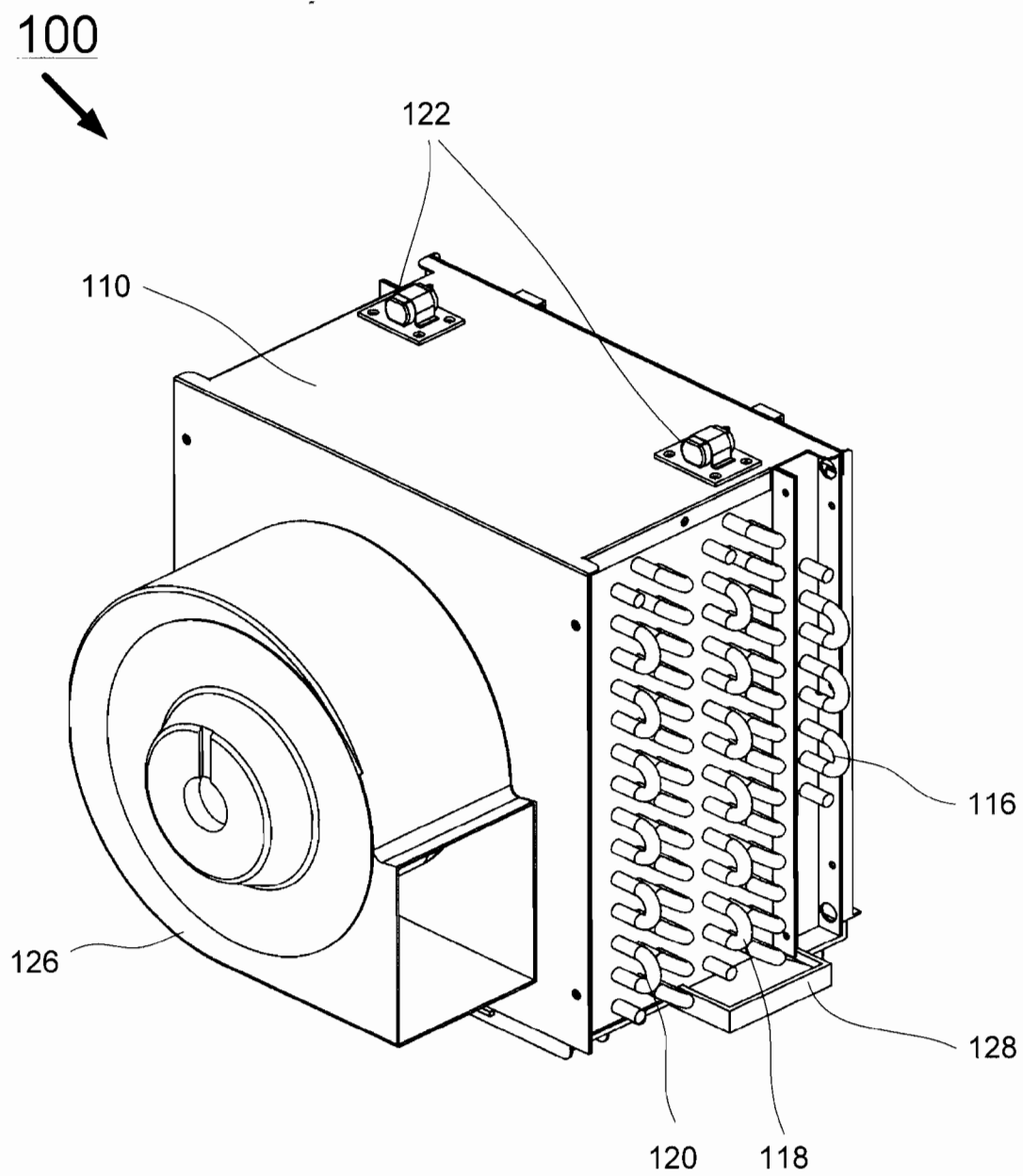
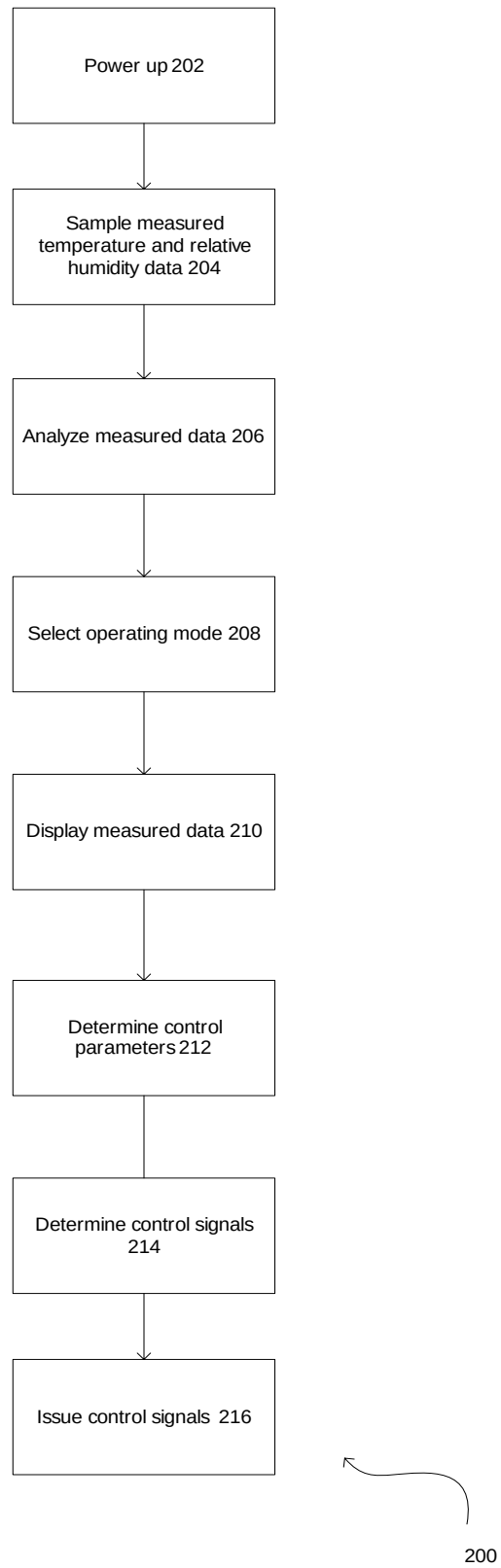


Figure 3c

**Figure 4**