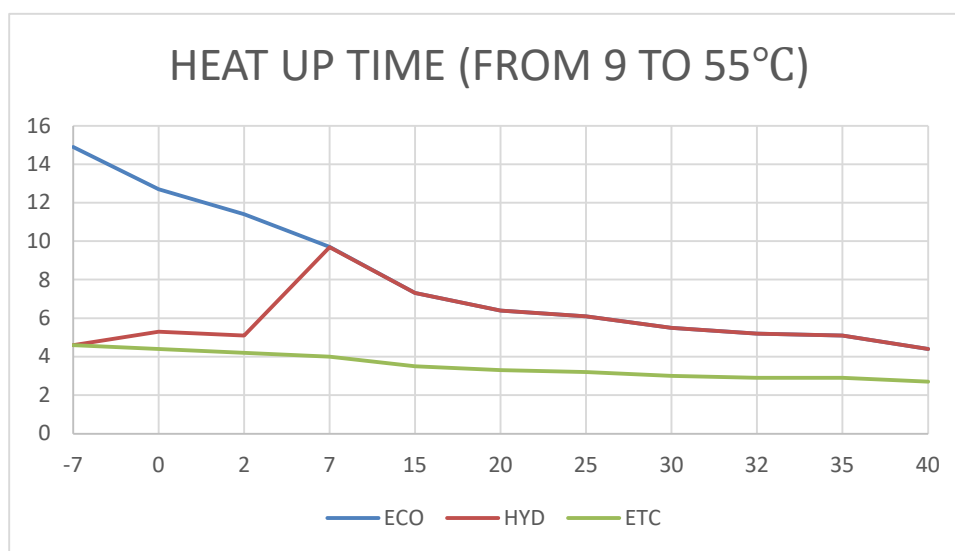


Heat-up Time

There are different heat-up times in different ambient temperature. Lower inlet air temperature result longer heat-up time because of lower effective performance.

When air temp below 2°C, heat pump and E-heater will take different portions of heating capacity, generally the lower of inlet air temperature, the lower portion of heat pump will be taken as well as the higher portion of E-heater will account for.

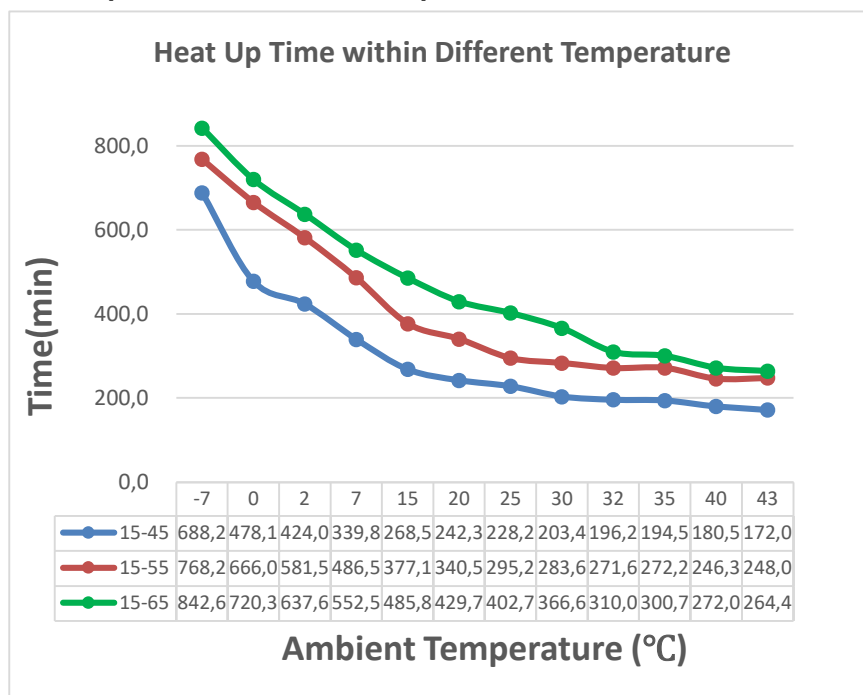
TECNOEVO BM 200



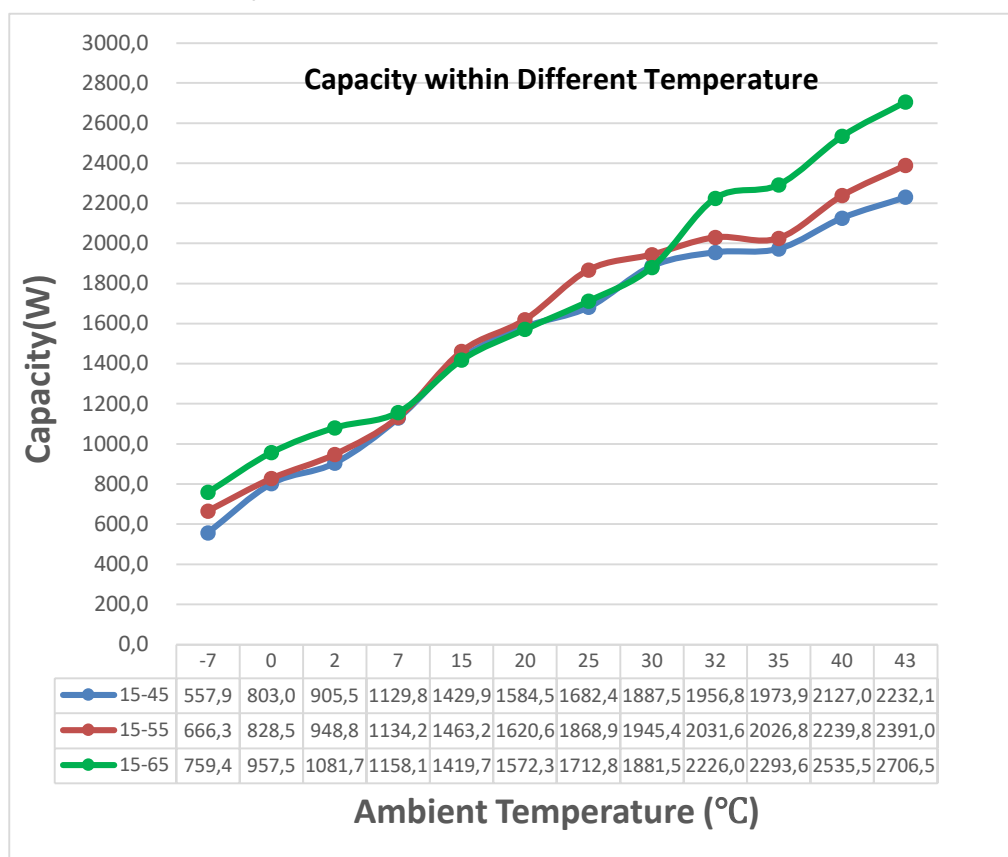
(The test conditions: inlet water at 9 °C, and setting temperature at 55 °C)

T4	-7	0	2	7	15	20	25	30	32	35	40
ECO	14.9	12.7	11.4	9.7	7.3	6.4	6.1	5.5	5.2	5.1	4.4
HYD	4.6	5.3	5.1	9.7	7.3	6.4	6.1	5.5	5.2	5.1	4.4
ETC	4.6	4.4	4.2	4.0	3.5	3.3	3.2	3.0	2.9	2.9	2.7

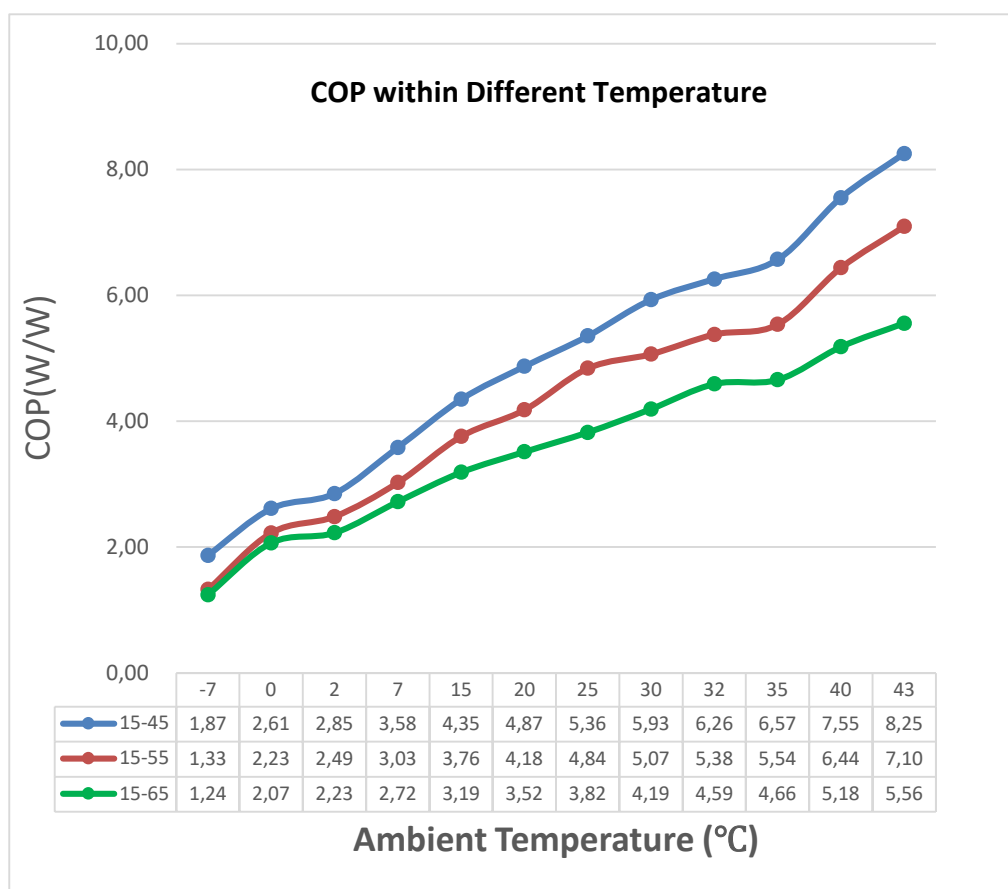
The curve between heat up time and ambient temperature



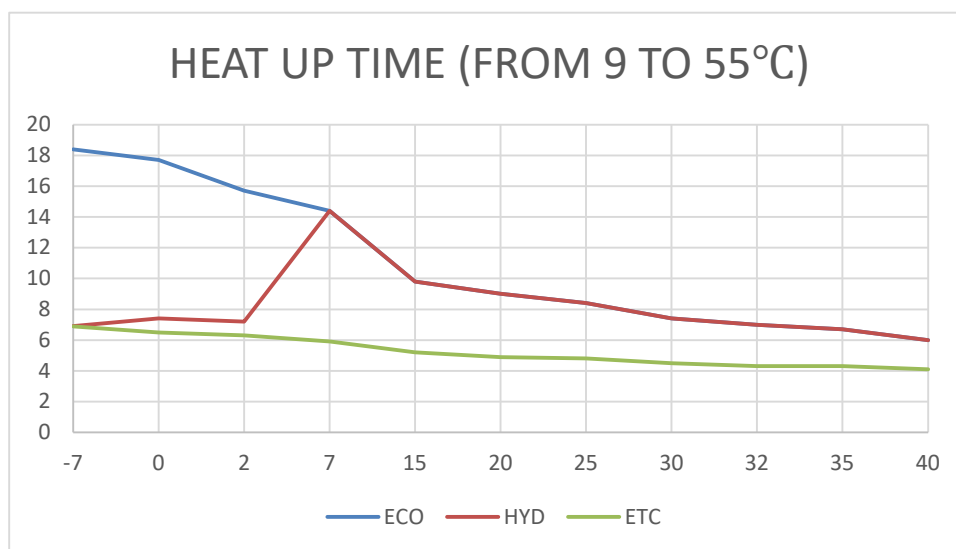
The curve between capacity and ambient temperature



The curve between COP and ambient temperature



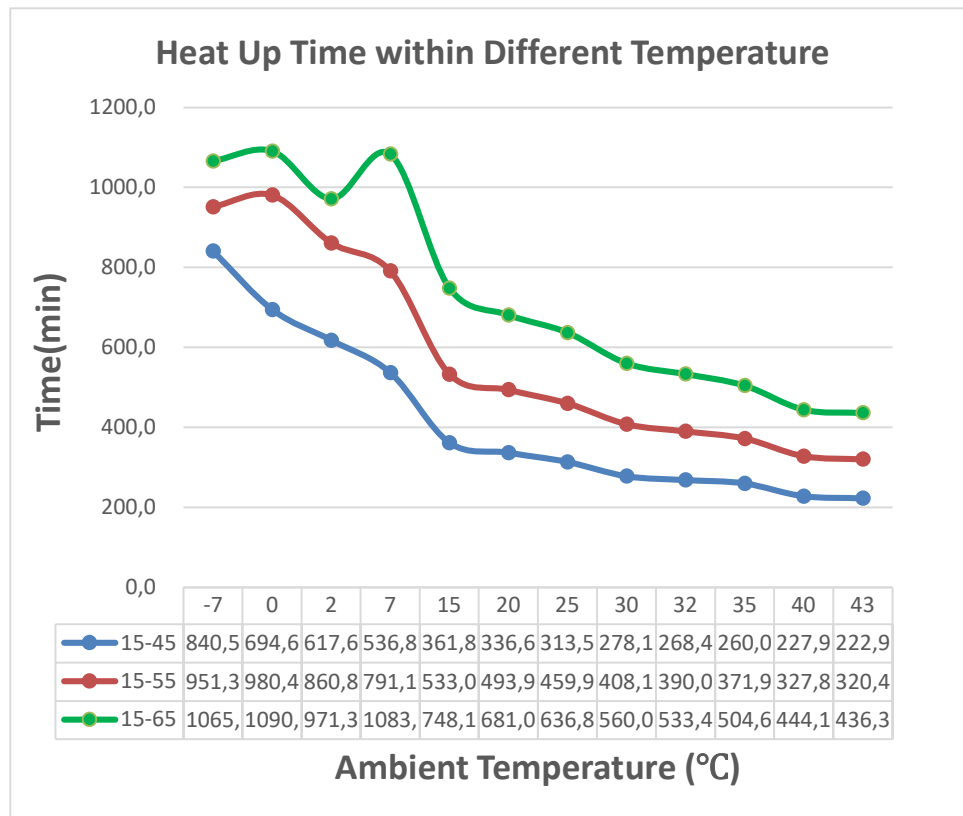
TECNOEVO BM 300



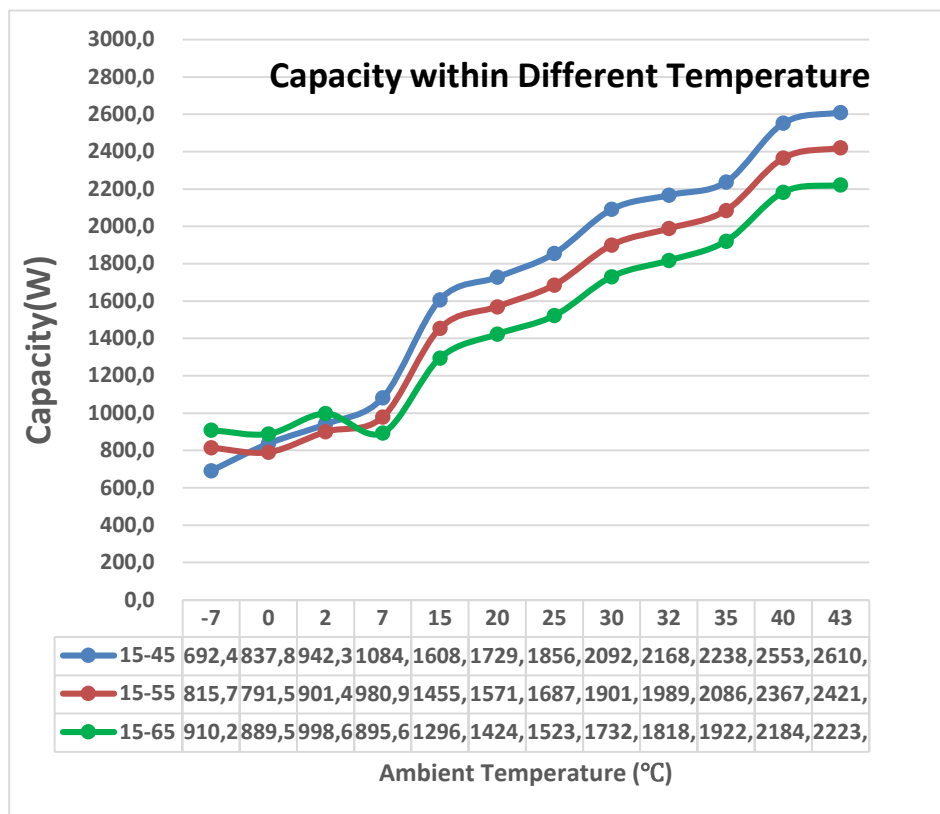
(The test conditions: inlet water at 9 °C, and setting temperature at 55 °C)

T4	-7	0	2	7	15	20	25	30	32	35	40
ECO	18.4	17.7	15.7	14.4	9.8	9	8.4	7.4	7	6.7	6
HYD	6.9	7.4	7.2	14.4	9.8	9	8.4	7.4	7	6.7	6
ETC	6.9	6.5	6.3	5.9	5.2	4.9	4.8	4.5	4.3	4.3	4.1

The curve between heat up time and ambient temperature



The curve between capacity and ambient temperature



The curve between COP and ambient temperature

