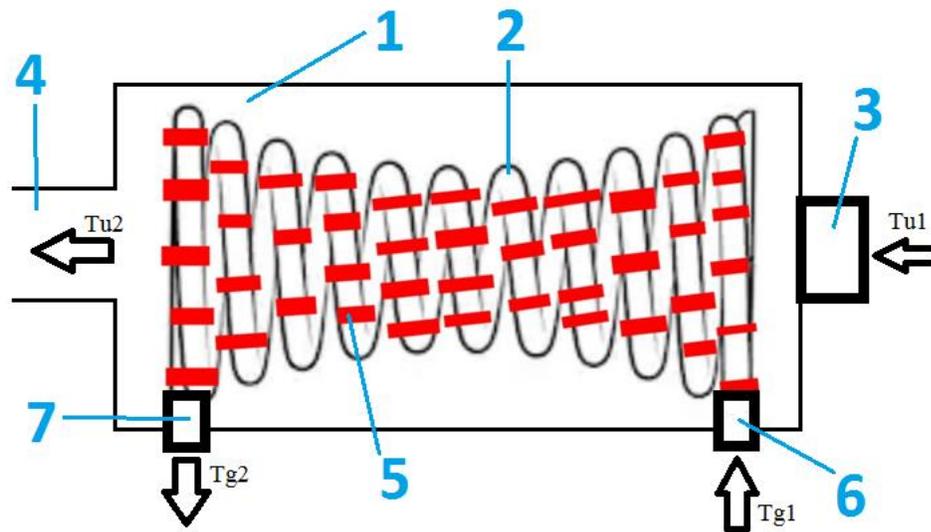


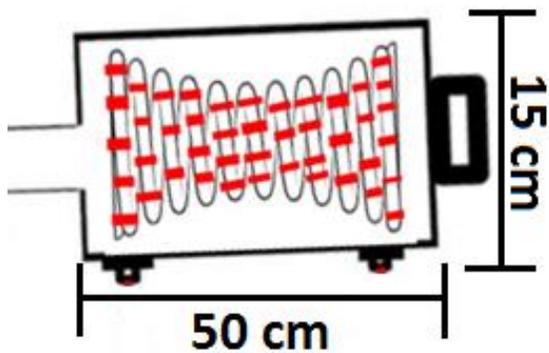
LAMPIRAN 1

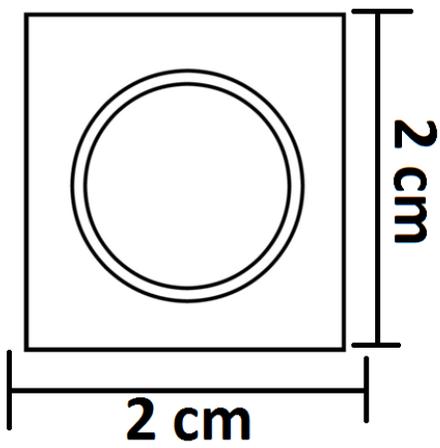
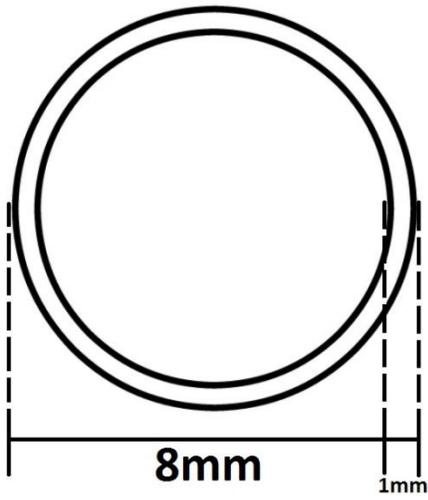
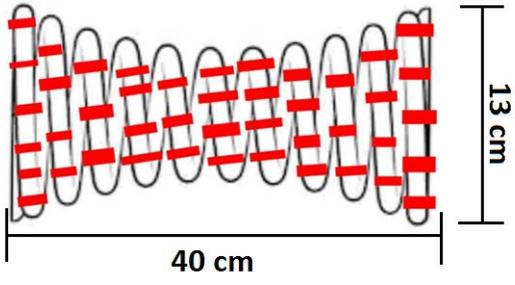
Alat dan Model Penukar Kalor

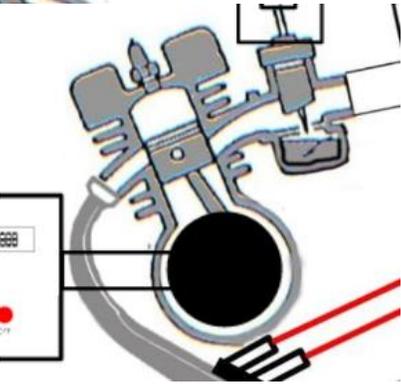
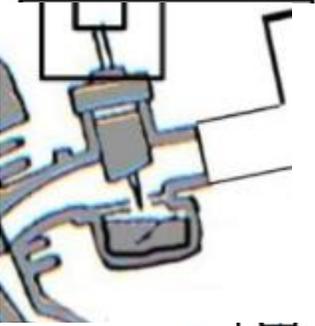
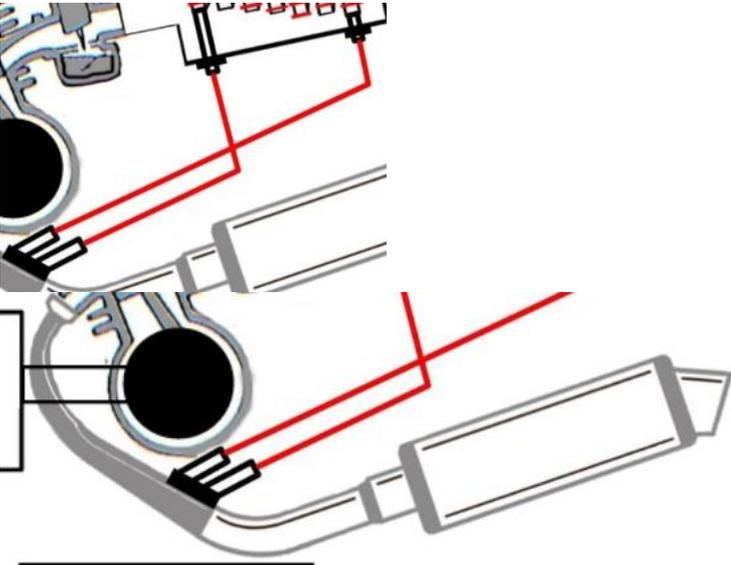


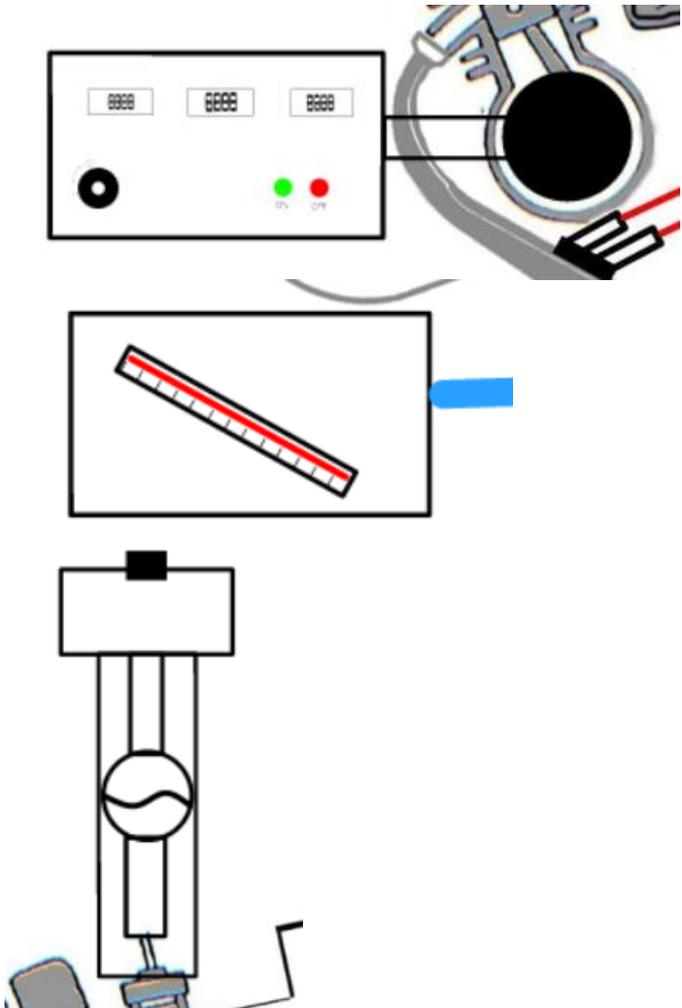
Model Penukar Kalor

1. Box heater
2. Pipa tembaga
3. Udara masuk dari airbox
4. Udara masuk kaburator
5. Sirip heater
6. Udara panas masuk heater
7. Udara panas keluar heater









LAMPIRAN 2

TABEL

TABEL 1. Spesific Heat Capacity of air (C_p kJ/kg $^{\circ}$ k)

$^{\circ}$ C	0	1	2	3	4	5	6	7	8	9
0	4,1274	4,2138	4,2104	4,2074	4,2045	4,2019	4,1996	4,1974	4,1954	4,1936
10	4,1919	4,1904	4,1890	4,1877	4,1866	4,1855	4,1846	4,1837	4,1829	4,1822
20	4,1816	4,1810	4,1805	4,1801	4,1797	4,1793	4,1790	4,1787	4,1785	4,1783
30	4,1782	4,1781	4,1780	4,1780	4,1779	4,1779	4,1780	4,1780	4,1781	4,1782
40	4,1783	4,1784	4,1786	4,1788	4,1789	4,1792	4,1794	4,1796	4,1799	4,1801
50	4,1804	4,1807	4,1811	4,1814	4,1817	4,1821	4,1825	4,1829	4,1833	4,1837
60	4,1841	4,1846	4,1850	4,1855	4,1860	4,1865	4,1871	4,1876	4,1882	4,1887
70	4,1893	4,1899	4,1905	4,1912	4,1918	4,1925	4,1932	4,1939	4,1946	4,1954

TABEL 2 Density of air (ρ kg/m 3)

$^{\circ}$ C	0	2	4	6	8
0	999,8	999,9	999,9	999,9	999,9
10	999,7	999,5	999,2	999,9	998,6
20	998,2	997,8	997,3	997,3	996,2
30	995,7	995,0	994,4	994,4	993,0
40	992,2	991,4	990,6	990,6	988,9
50	988,0	987,1	986,2	986,2	984,2
60	983,2	982,2	981,1	981,1	978,9
70	977,8	976,6	975,4	975,4	973,0

(Sumber : Laboratorium Motor Bakar Kampus 2 ITN MALANG)

LAMPIRAN 3

Daftar Riwayat Hidup

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2013 – 2015 : SMKN 1 KUALA KENCANA MIMIKA PAPUA

Hormat saya

Junaidin

