

SPECIFICATION NO.: OFPM / R&D / SP / ARMY & MHA / MPV- 04
SPECIFICATION OF SPLIT TYPE AIR CONDITIONING SYSTEM FOR MPV
(ARMY & MHA VERSION)

(Amendment No.7 Dt.05.11.2014)

ENTHALPY CHART (IN K CAL/KG)

W.B.T (°C)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
7.0	5.411	5.4617	5.524	5.5631	5.638	5.6645	5.7152	5.7659	5.8166	5.8673
8.0	5.918	5.9711	6.0242	6.0773	6.1304	6.1835	6.2366	6.2897	6.3428	6.3959
9.0	6.449	6.5035	6.558	6.6125	6.667	6.7213	6.776	6.8305	6.885	6.9395
10.0	6.994	7.0505	7.107	7.1635	7.22	7.2765	7.333	7.3895	7.446	7.5025
11.0	7.559	7.6175	7.676	7.7345	7.793	7.8515	7.91	7.9685	8.027	8.0855
12.0	8.144	8.205	8.266	8.327	8.388	8.449	8.51	8.571	8.632	8.693
13.0	8.794	8.8169	8.8798	8.9427	9.0056	9.0685	9.1314	9.1943	9.2572	9.3201
14.0	9.383	9.4187	9.5144	9.5801	9.6458	9.7115	9.7772	9.8429	9.9086	9.9743
15.0	10.04	10.107	10.174	10.241	10.308	10.375	10.442	10.509	10.576	10.643
16.0	10.71	10.781	10.852	10.923	10.994	11.065	11.136	11.207	11.278	11.349
17.0	11.42	11.494	11.568	11.642	11.716	11.79	11.864	11.938	12.012	12.086
18.0	12.16	12.236	12.312	12.388	12.464	12.54	12.616	12.692	12.768	12.844
19.0	12.92	13.0	13.08	13.16	13.24	13.32	13.4	13.48	13.56	13.64
20.0	13.72	13.803	13.886	13.969	14.052	14.135	14.218	14.301	14.384	14.467
21.0	14.55	14.636	14.722	14.808	14.844	14.98	15.066	15.152	15.238	15.324
22.0	15.41	15.501	15.592	15.683	15.774	15.865	15.956	16.047	16.138	16.229
23.0	16.32	16.413	16.506	16.599	16.692	16.785	16.878	16.971	17.064	17.157
24.0	17.25	17.348	17.446	17.544	17.642	17.74	17.838	17.936	18.034	18.132
25.0	18.23	18.383	18.536	18.689	18.892	18.995	19.148	19.301	19.454	19.607
26.0	19.76	19.817	19.874	19.930	19.988	20.045	20.102	20.159	20.216	20.273
27.0	20.33	20.442	20.554	20.666	20.778	20.89	21.002	21.114	21.226	21.338
28.0	21.45	21.567	21.689	21.801	21.918	22.035	22.152	22.269	22.384	22.503
29.0	22.62	22.741	22.862	22.983	23.104	23.225	23.346	23.467	23.588	23.789
30.0	23.83	23.958	24.086	24.214	24.342	24.47	24.598	24.726	24.854	24.982
31.0	25.1	25.244	25.378	25.512	25.646	25.78	25.914	26.048	26.182	26.316
32.0	26.45	26.59	26.73	26.87	27.01	27.15	27.29	27.43	27.57	27.71
33.0	27.85	27.997	28.144	28.291	28.438	28.585	28.732	28.879	29.026	29.176
34.0	29.32	29.473	29.626	29.779	29.932	30.085	30.238	30.391	30.544	30.697
35.0	30.85	31.011	31.172	31.333	31.494	31.655	31.816	31.977	32.138	32.299
36.0	32.46	32.629	32.798	32.967	33.136	33.305	33.474	33.643	33.812	33.981
37.0	34.15	34.327	34.504	34.681	34.858	35.035	35.212	35.389	35.566	35.743
38.0	35.92	36.106	36.292	36.478	36.664	36.85	37.036	37.222	37.408	37.594
39.0	37.78	37.974	38.168	38.362	38.556	38.75	38.944	39.138	39.332	39.526
40.0	39.72	39.925	40.13	40.335	40.54	40.745	40.95	41.155	41.36	41.565
41.0	41.77	41.985	42.2	42.415	42.63	42.845	43.06	43.275	43.49	43.705
42.0	43.92	44.145	44.37	44.545	44.82	45.045	45.27	45.495	45.72	45.945
43.0	46.17	46.407	46.644	46.881	47.118	47.355	47.592	47.829	48.066	48.303
44.0	48.54	48.789	49.038	49.287	49.536	49.785	50.034	50.283	50.532	50.781
45.0	51.03	51.293	51.556	51.819	52.082	52.345	52.608	52.871	53.134	53.397
46.0	53.66	53.936	54.212	54.488	54.764	55.04	55.316	55.592	55.868	56.144
47.0	56.42	56.11	57.002	57.293	57.584	57.875	58.166	58.457	58.748	59.039

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