

## Wall type series dc/inverter - MVEX

- preliminary technical data sheet -



MITSUBI CODE			MVEX9HL4	MVEX12HL4	MVEX18HL4	MVEX24HL4
<b>Capacity rated (min~max)</b>	<b>Cooling</b>	Frig / h	2320 (680~2970)	3100 (780~3620)	4530 (1120~4820)	5670 (1200~6020)
		<b>W</b>	<b>2700 (790~3450)</b>	<b>3600 (910~4210)</b>	<b>5270 (1300~5600)</b>	<b>6600 (1400~7000)</b>
		BTU/h	9200 (2700~11800)	12300 (3100~14400)	18000 (4400~19100)	22500 (4800~23900)
	<b>Heating</b>	kCal / h	2550 (710~3060)	3480 (840~3750)	4960 (1070~5670)	6060 (1030~7050)
		<b>W</b>	<b>2970 (830~3560)</b>	<b>4050 (980~4360)</b>	<b>5770 (1250~6600)</b>	<b>7050 (1200~8200)</b>
		BTU/h	10100 (2800~12100)	13800 (3300~14900)	19700 (4300~22500)	24000 (4100~28000)
Humidity extraction rate		L / h	1,2	1,6	2,0	2,5
Working temperature range		°C	-15 ≤ T ≤ +43	-15 ≤ T ≤ +43	-15 ≤ T ≤ +43	-15 ≤ T ≤ +46
Power input rated (min~max)	Cooling	W	730 (260~1290)	1050 (300~1450)	1520 (400~2100)	1985 (350~2500)
	Heating	W	740 (300~1320)	1075 (300~1420)	1580 (370~2200)	1930 (350~2700)
<b>EER</b>			<b>3,70</b>	<b>3,43</b>	<b>3,47</b>	<b>3,32</b>
<b>Energy efficiency class</b>			<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
Annual energy consumption		kWh	365	525	760	993
<b>COP</b>			<b>4,01</b>	<b>3,77</b>	<b>3,65</b>	<b>3,65</b>
<b>Heating performance class</b>			<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
Power supply		V - Hz	230 - 50	230 - 50	230 - 50	230 - 50
		Phases	1 + N	1 + N	1 + N	1 + N
Max power input	Cooling	W	1400	1600	2300	2700
	Heating	W	1450	1650	2400	2900
Current input rated	Cooling	A	3,31	4,76	6,88	8,99
	Heating	A	3,35	4,87	7,16	8,74
Starting current		A	25	25	41	41
<b>Sound Pressure Level</b>	<b>Indoor</b>	<b>dB(A)</b>	<b>23/31/37/40</b>	<b>24/33/37/41</b>	<b>38/42/45/48</b>	<b>39/42/47/51</b>
	<b>Outdoor</b>	<b>dB(A)</b>	≤53	≤54	≤56	≤57
I.U. air capacity (max speed)		m3/h	500	560	830	900
Indoor units dimensions	width	mm	790	845	940	1060
	height	mm	265	275	298	330
	depth	mm	170	180	200	208
Outdoor units dimensions	width	mm	848	848	846	890
	height	mm	540	540	685	700
	depth	mm	260	260	300	340
Weight	Indoor	kg	9	11	13	16
	Outdoor	kg	35	36	52	50
<b>Refrigerant</b>	<b>Type</b>		<b>R410A</b>	<b>R410A</b>	<b>R410A</b>	<b>R410A</b>
	Charge	kg	0,80	1,15	1,60	1,40
Pipe diameter	Suction	in	3/8	1/2	1/2	1/2
	Delivery	in	1/4	1/4	1/4	1/4
Max refrigerating pipe length		m	15	15	30	30
Max stand. charge pipe length		m	4	4	5	5
Supplementary charge pipe		g/m	15	15	50	50
Maximum difference in level		m	5	5	10	10
<b>Compressor</b>	<b>Mfr</b>		<b>Mitsubishi</b>	<b>Mitsubishi</b>	<b>Sanyo</b>	<b>Sanyo</b>
	<b>Type</b>		<b>Rotary</b>	<b>Rotary</b>	<b>Twin Rotary</b>	<b>Twin Rotary</b>
Loading capacity 20°/40°/40°HC			90/188/212	90/192/216	73/150/168	57/118/132

*NOTE: The above data have to be considered just as preliminary data, they are subject to change without notice*