

**A +A**  
Energy Class



			AIX12RL24	AIX18RL24	AIX24RL24
Capacity rated	Cooling	Frig / h	3030	4530	6040
		<b>W</b>	<b>3520</b>	<b>5270</b>	<b>7030</b>
		BTU/h	12000	18000	24000
	Heating	kCal / h	3280	4790	6550
		<b>W</b>	<b>3810</b>	<b>5570</b>	<b>7620</b>
		BTU/h	13000	19000	26000
Humidity extraction rate		L / h	0,9	1,2	2,5
Working temperature range		°C	-15≤T≤+43	-15≤T≤+43	-15≤T≤+43
Power input rated	Cooling	W	1030	1620	2190
	Heating	W	1030	1510	2090
EER		<b>W/W</b>	<b>3,42</b>	<b>3,25</b>	<b>3,21</b>
Energy efficiency class			<b>A</b>	<b>A</b>	<b>A</b>
Annual energy consumption		kWh	515	810	1095
COP		<b>W/W</b>	<b>3,70</b>	<b>3,69</b>	<b>3,65</b>
Heating performance class			<b>A</b>	<b>A</b>	<b>A</b>
Power supply		V - Hz	230 - 50	230 - 50	230 - 50
		Phases	1 + N	1 + N	1 + N
Max power input	Cooling	W	1980	2700	3000
	Heating	W	2200	2950	2900
Current input rated	Cooling	A	4,66	7,34	9,92
	Heating	A	4,66	6,84	9,47
Starting current			-	-	-
Sound Pressure Level (L/M/H)	Indoor	dB(A)	26/30/37	33/36/44	41/43/45
	Outdoor	dB(A)	≤48	≤51	≤54
I.U. air capacity (max speed)		m <sup>3</sup> /h	800	1170	1400
Fan motor input (max speed)		W	65	107	163
Statiche pressure useful		mmH <sub>2</sub> O	4,08	7,14	7,14
		Pa	40	70	70
Indoor units dimensions	width	mm	700	920	920
	height	mm	210	210	210
	depth	mm	635	635	635
Outdoor units dimensions	width	mm	761	761	842
	height	mm	593	593	695
	depth	mm	279	279	324
Weight	Indoor	kg	20	23	28
	Outdoor	kg	39	40	53
Refrigerant	Type		<b>R410A</b>	<b>R410A</b>	<b>R410A</b>
	Charge	kg	1,13	1,32	2,10
Pipe diameter	Suction	in	1/2	1/2	5/8
	Delivery	in	1/4	1/4	3/8
Max refrigerating pipe length		m	10	25	25
Max stand. charge pipe length		m	5	5	5
Supplementary charge pipe		g/m	20	30	60
Maximum difference in level		m	5	12	12
Compressor	Type		<b>Twin Rotary</b>	<b>Twin Rotary</b>	<b>Twin Rotary</b>
Throtting Method			Capillary	Elec. Exp. Valve EEV	Elec. Exp. Valve EEV

R410A

**DC-INVERTER**

**A + A**  
Energy Class



**AIX36RL24**

**AIX48RL24**

**AIX60RL24**

			<b>AIX36RL24</b>	<b>AIX48RL24</b>	<b>AIX60RL24</b>
Capacity rated	Cooling	Frig / h	9030	12040	13760
		<b>W</b>	<b>10500</b>	<b>14000</b>	<b>16000</b>
		BTU/h	35800	47700	54600
	Heating	kCal / h	10060	12900	15050
		<b>W</b>	<b>11700</b>	<b>15000</b>	<b>17500</b>
		BTU/h	39900	51200	59700
Humidity extraction rate		L / h	3,2	3,5	3,7
Working temperature range		°C	-15≤T≤+43	-15≤T≤+43	-15≤T≤+43
Power input rated	Cooling	W	3250	4320	4990
	Heating	W	3200	4130	4850
EER		<b>W/W</b>	<b>3,23</b>	<b>3,24</b>	<b>3,21</b>
Energy efficiency class			<b>A</b>	-	-
Annual energy consumption		kWh	1625	2160	2495
COP		<b>W/W</b>	<b>3,66</b>	<b>3,63</b>	<b>3,61</b>
Heating performance class			<b>A</b>	-	-
Power supply		V - Hz	400 - 50	400 - 50	400 - 50
		Phases	3 + N	3 + N	3 + N
Max power input	Cooling	W	5000	5500	7300
	Heating	W	4600	5100	6600
Current input rated	Cooling	A	4,91	6,52	7,53
	Heating	A	4,83	6,23	7,32
Starting current			-	-	-
Sound Pressure Level (L/M/H)	Indoor	dB(A)	42/44/46	43/45/47	43/45/47
	Outdoor	dB(A)	≤55	≤59	≤59
I.U. air capacity (max speed)		m3/h	2200	2812	2890
Fan motor input (max speed)		W	291	355	355
Statiche pressure useful		mmH2O	8,16	10,20	10,20
		Pa	80	100	100
Indoor units dimensions	width	mm	1140	1200	1200
	height	mm	270	300	300
	depth	mm	775	865	865
Outdoor units dimensions	width	mm	990	940	940
	height	mm	966	1245	1245
	depth	mm	354	360	360
Weight	Indoor	kg	43	49	49
	Outdoor	kg	87	99	115
Refrigerant	Type		<b>R410A</b>	<b>R410A</b>	<b>R410A</b>
	Charge	kg	2,90	3,60	3,85
Pipe diameter	Suction	in	5/8	5/8	5/8
	Delivery	in	3/8	3/8	3/8
Max refrigerating pipe length		m	30	50	50
Max stand. charge pipe length		m	5	5	5
Supplementary charge pipe		g/m	80	120	120
Maximum difference in level		m	20	30	30
Compressor	Type		<b>Twin Rotary</b>	<b>Twin Rotary</b>	<b>Scroll</b>
Throtting Method			Elec. Exp. Valve EEV	Elec. Exp. Valve EEV	Elec. Exp. Valve EEV