

Room Air Conditioner

Imoto I50Xi ^[R15]

S-LINE

HP-LINE



Key features of the device



Digital DC SKY® Inverter



iClean Automatic purification ⁽¹⁾



iAIR Super Ionizer



UVC lamp



iAIR Cold Nano filter



iAIR Antibacterial filter



iAIR HD pre-filter



eMOTO Super silent mode ⁽¹⁾



Automatic 4D louvers



eMOTO Turbo mode ⁽¹⁾



eMOTO Airflow control system



SMART Eco function ⁽¹⁾



eMOTO Wide-angle airflow



SMART Wi-Fi function



Humidity sensor ⁽¹⁾⁽³⁾



SMART Eco Eye function ⁽¹⁾



Wired controller SMART port ⁽⁴⁾



Smart panel display ON/OFF



SMART Follow mode



Wireless controller



Wired controller ⁽²⁾



SMART 8°C heating function ⁽¹⁾



1W Standby mode ⁽¹⁾



Auto restart memory



Anti-corrosive gold-plated fins



SMART Drip tray heater



Compressor crankcase heater



Silence mode ⁽¹⁾



Timer



Cooling at low ext. temp. -15°C



Heating at low ext. temp. -25°C ⁽¹⁾



Double-sided condensate drainage



Self-diagnosis function



Sleep mode function



Remote On/Off output ⁽²⁾



BMS Modbus ⁽²⁾



BMS Bacnet ⁽²⁾

Technical Specification

Model				Imoto 5.0 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	5,000 (1,993-6,125)
Rated input		Nom. (Min. - Max.)	W	1,380 (160-1,787)
Operating current		Nom. (Min. - Max.)	A	6.0 (0.7-7.8)
Capacity	Heating	Nom. (Min. - Max.)	W	5,400 (1,348-6,770)
Rated input		Nom. (Min. - Max.)	W	1,370 (230-1,750)
Operating current		Nom. (Min. - Max.)	A	6.0 (1-7.6)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	5.0
SEER			W/W	8.5
Energy efficiency class for cooling				A+++
Annual electric energy consumption - cooling			kWh/a	206
Design load in heating mode (Tbiv -7°C)			kW	4.0
SCOP			W/W	4.7
Energy efficiency class - heating				A++
Annual electric energy consumption - heating			kWh/a	1,217
Dehumidification			l/h	1.8
Maximum energy consumption			W	2,800
Maximum operating current			A	12.2
Indoor unit				I50Xi R15
EAN product code				5905567608780
Fan speed	H / M / L / S		rpm	1,000 / 880 / 820 / 750
Air flow	H / M / L / S		m³/h	960 / 820 / 620 / 340
Sound pressure level	H / M / L / S		dB(A)	43 / 36 / 28 / 21.5
Sound power level			dB(A)	58
Rated input			W	36
Operating current			A	0.1
Net dimensions	W × D × H		mm	987 × 226 × 308
Gross dimensions	W × D × H		mm	1,065 × 300 × 385
Net Weight / Gross Weight			kg	10.2 / 13.5
Condensate drain			mm	16
Outdoor unit				I50Xo R15
EAN product code				5905567608797
Fan speed	H / M / L		rpm	700 / 530 / 380
Maximum air flow			m³/h	3,500
Sound pressure level			dB(A)	57
Sound power level			dB(A)	65
Net dimensions	W × D × H		mm	955 × 342 × 673
Gross dimensions	W × D × H		mm	995 × 398 × 740
Bracket spacing	W × D		(mm)	663 × 348
Net Weight / Gross Weight			kg	37.8 / 41
Refrigerant	Type			R32
	Global Warming Potential (GWP)			675
	Charge (up to 5 m)	kg		0.85
		tCO ₂ eq		0.574
	Charge (more than 5 m)	g/m		12
Pipe connections	Liquid / Gas		mm (inches)	Φ6.35 / Φ12.7 (1/4" / 1/2")
Maximum installation length			m	30
Maximum height difference			m	20
Compressor type				Rotary DC
Type of outdoor unit power supply			V-Hz, Ø	220-240–50, 1ph
Protection			A	B16
Power cables: outdoor unit	L < 20 m		no. × mm²	3 × 1.5
Control and power cables: outdoor unit - indoor unit			no. × mm²	5 × 1.5
Control and power cables: Hiro unit - indoor unit			no. × mm²	4 × 1.5
Indoor operating range (Cooling / Heating)			°C	16~32 / 0~30
Outdoor operating range (Cooling / Heating)			°C	-15~50 / -25~30
Compatible systems				
1:1 SINGLE				●
1:2 DUAL				
1:X MULTI S-Line				●
1:X MULTI N-Line				
1:X MULTI HP-Line				●

H - High; M - Medium; L - Low; S - Silent;