

Outdoor unit Multi Split

Hiro HHP70Xm3 ^[R15]

HP-LINE



Unit features



Digital DC Inverter SKY®



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Cooling at low outdoor temp. down to -25°C



Heating at low outdoor temp. down to -30°C



Self-diagnostics



Technical specification

Model				Hiro HP 7,9 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	7913 (1100-8774)
Rated input		Nom. (Min. - Max.)	W	1978 (260-2400)
Operating current		Nom. (Min. - Max.)	A	8,6 (1,1-10,4)
Capacity	Heating	Nom. (Min. - Max.)	W	8206 (1705-9330)
Rated input		Nom. (Min. - Max.)	W	2159 (260-2300)
Operating current		Nom. (Min. - Max.)	A	9,4 (1,1-10)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	7,9
SEER			W/W	8,5
Energy efficiency class, cooling				A+++
Annual electric energy consumption, cooling			kWh/a	325
Design load in heating mode (Tbiv -7°C)			kW	6,0
SCOP			W/W	4,6
Energy efficiency class, heating				A++
Annual electric energy consumption, heating			kWh/a	1826
Maximum energy consumption			W	4100
Maximum operating current			A	17,8
Outdoor unit				HHP70Xm3 R15
EAN product code				5905567606113
Fan speed	H / M / L		rpm	900/ 750 / 600
Maximum air flow			m³/h	4000
Sound pressure level			dB(A)	62
Sound power level			dB(A)	66
Net dimensions	W × D × H		mm	946 × 410 × 810
Gross dimensions	W × D × H		mm	1090 × 500 × 875
Bracket spacing	W × D		mm	673 × 403
Net weight / Gross weight			kg	62 / 66
Refrigerant	Type			R32
	GWP			675
	Designed charge	kg	2,1 (up to 22,5 mb)	
		TCO ₂ eq	1,42	
	Extra charge	g/mb	12 (above 22,5 mb)	
Pipe connections	Liquid/Gas	mm (inches)	3 × Φ6,35 / 2 × Φ9,52 + 1 × Φ12,7 (3 × 1/4" / 2 × 3/8" + 1 x 1/2")	
Max. possible indoor unit connections			pcs.	3
Max. installation length for all indoor units			m	60
Max. installation length per indoor unit			m	30
Max. height difference between indoor and outdoor units	Outdoor unit higher than indoor unit		m	10
	Outdoor unit lower than indoor unit		m	15
Max. height difference between indoor units			m	10
Compressor type				Rotary DC
Type of outdoor unit power supply			V-Hz, Ø	220-240~ 50, 1f
Electrical protection			A	C10
Power cables: outdoor unit			pcs × mm²	3 × 2,5
Control and power cables: indoor unit - outdoor unit			pcs × mm²	4 × 1,5
Indoor operating range (cooling / heating)			°C	16~32 / 0~30
Outdoor operating range (cooling / heating)			°C	-25~50 / -30~24
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 - Middle; L - Low