Mark heat pump split unit

Cooling and heating

Cooling capacity 3,5 - 5,3 kW, Heating capacity 4,1 - 6,1 kW

For more information, downloads and videos, visit the Mark heat pump split unit page on our website

Both cooling and heating with a split unit

Control the climate at the office, in the store or in your home with Mark's energy-efficient air conditioners. Enjoy an air conditioner that can both cool and heat. The Mark heat pump split unit consists of an indoor and outdoor unit. In addition to cooling, the indoor unit also provides heating and dehumidification

The Mark heat pump split unit is equipped with advanced inverter technology. This technology ensures that the temperature of the air conditioner is quickly adapted to the changed conditions in a room. It also makes the air conditioner very energy efficient.

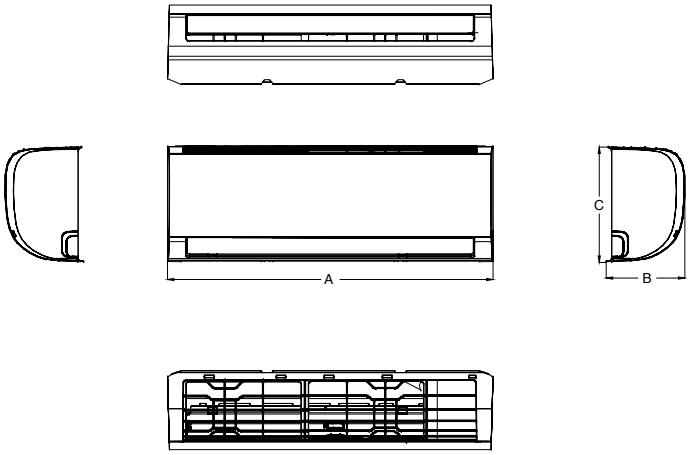
Productkenmerken

- Very attractively priced
- Both cooling and heating
- Energy saving
- Environmentally friendly
- Extremely quiet: 25dB(A) (Indoor unit)
- Self-cleaning function
- Self-diagnosis function
- Cooling medium R32
- High density filter
- Installation flexibility: up to 25 m (type 353) / 30 m (type 553) piping length possible between the indoor and outdoor unit.
- Standard remote control with temperature sensor
- Optional: Control via Wi-Fi
- Delivery from stock

Dimensions

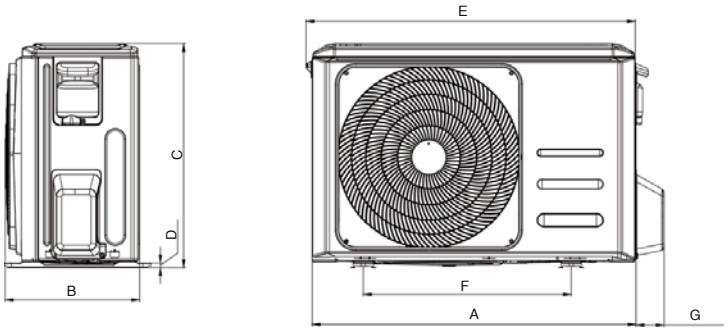
Indoor unit

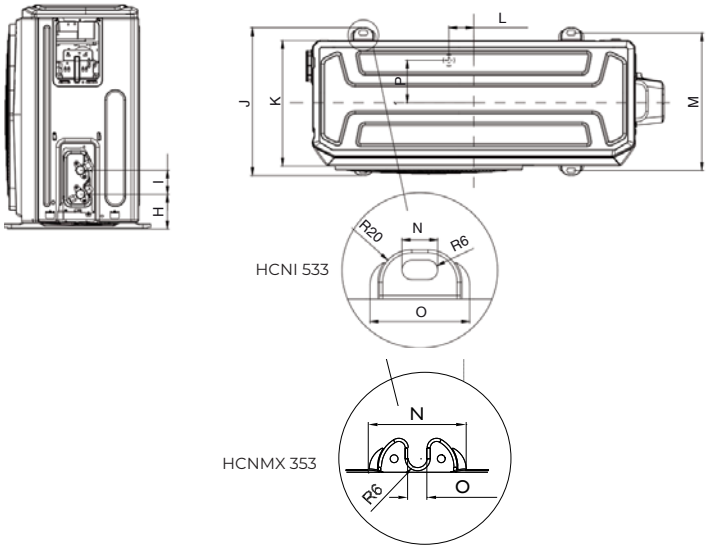
Type	a	b	c
HKEU 353	805	194	285
HKEU 533	957	213	302



Outdoor unit

Type	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
HCNMX 353	720	270	495	7.6	727	452	70	87	60	281	245	33	256	49	11	76.5
HCNI 533	800	333	554	12.0	815	514	70	85.5	60	365	311	62	340	20	61.6	106





Technical information

			Indoor unit model Outdoor unit model	HKEU 353 HCNMX 353	HKEU 533 HCNI 533
Type				DC-Inverted heat pump	
Control				Infra-red	
Rated capacity (T=+35 °C)	Cooling	kW		3.52 (1.11~4.16)	5.28 (1.82~6.13)
Rated absorbed power (T=+35 °C)		KW		1.21 (0.13~1.58)	1.54 (0.14~2.36)
Rated energie efficiency coefficient		EER		2.91	3.43
Seasonal energy efficiency class		626/2011		A++	A++
Seasonal energy efficiency index		SEER		6.1	7.1
Annual energy consumption		kWh/a		221	256
Theoretical load (Pdesignc)		kW		3.60	5.20
Operating limits (outside temperature)		°C		-15~50	
Rated capacity (T=+7 °C)	Heating	kW		3.81 (1.08~4.22)	5.57 (1.38~6.74)
Rated absorbed power (T=+7 °C)		kW		1.09 (0.10~1.68)	1.48 (0.20~2.41)
Rated energy performance coefficient		COP		3.50	3.76
Energy efficiency class (average season)		626/2011		A+	A+
Seasonal energy efficiency class index (average season)		SCOP		4.0	4.0
Annual energy consumption		kWh/a		945	1435
Theoretical load (Pdesignc) @-10 °C		kW		2.70	4.10
Operating limits (outside temperature)		°C		-15~30	
Electrical data					
Power supply	Indoor unit	Ph-V-Hz		1Ph-220/240V-50Hz	
Power cable		Type		3 x 2.5 mm^2	3 x 4 mm^2
Indoor and outdoor unit communication cable		Type		5 x 1.5 mm^2	5 x 1.5 mm^2
Refrigerant circuit					
Refrigerant (GWP)				R32(675)	R32(675)
Diameter of refrigerant piping on liquid/gas		mm (inches)		Ø6.35(1/4") - Ø9.52(3/8")	Ø6.35(1/4") - Ø12.74(1/2")
Max splitting length		m		25	30
Max height difference I.U./O.U.		m		10	20
Split length without additional charge		m		5	5
Additional load		g/m		12	12
Indoor unit specifications					
Net weight		Kg		7.6	10
Sound pressure level (I.U.)	Hi/Me/Lo	dB(A)		40.5/34.5/25	44/37/25
Sound power level (I.U.)	Hi	dB(A)		55	55
Treated air volume	Hi/Me/Lo	m^3/h		540/430/314	840/680/540
Motor power (Output)		W		40	36
Outdoor unit specifications					
Net weight		Kg		23.2	34
Sound pressure level (O.U.)		dB(A)		56	56
Sound power level (O.U.)		dB(A)		63	61
Treated air (Max)		m^3/h		1800	2500
Motor power (Output)		W		63	63