

HYUNDAI

AIR CONDITIONERS

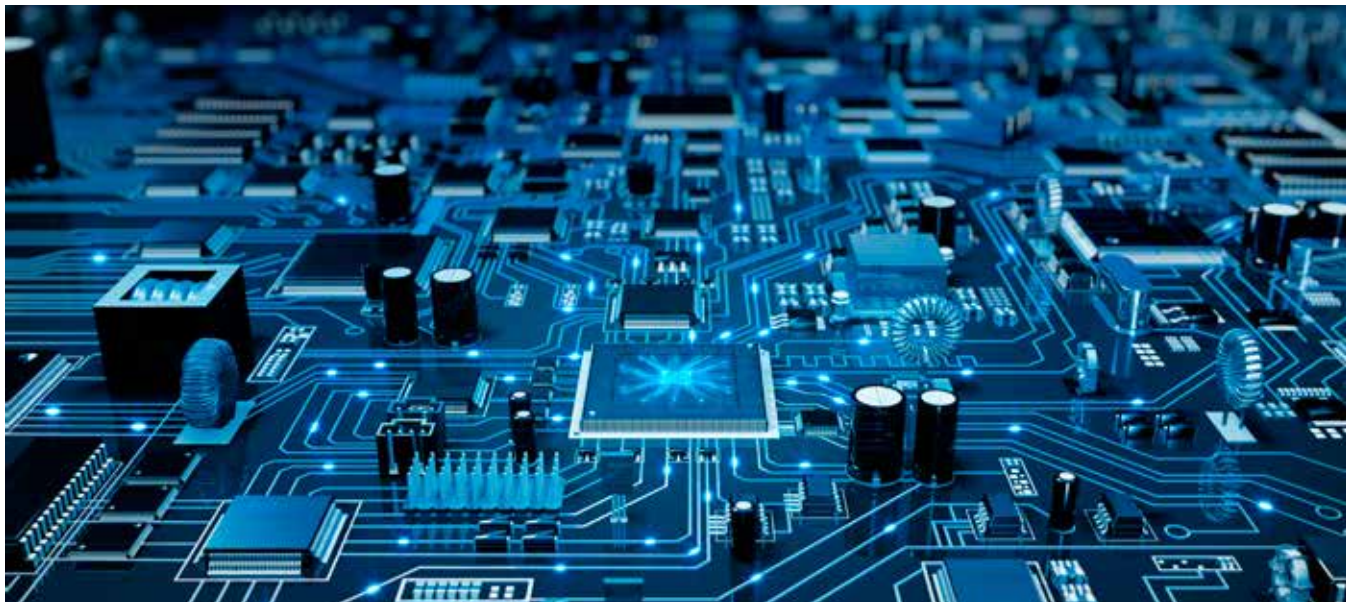
Product Catalogue for European market

2020/2021



FUNCTIONAL TECHNO

Modern and economical rotational compressors



The air conditioner is usually used at partial capacity, which is much less than its declared effectiveness. These conditions are key to reducing electricity consumption



WIFI CONNECTIVITY

YOU ARE NOW ABLE TO TAKE full control of your air-conditioner from anywhere in the world, from your mobile phone, tablet or computer. Most of Hyundai line-up comes with WiFi connection as standard, as well as a free WiFi application

3-YEAR GUARANTEE

THE KOREAN PRODUCERS gives a three-year factory guarantee on all the devices in its product range. Additionally, the rapid availability of spare parts is a guarantee for the long-term functioning of devices, even under the most difficult working conditions.



DC motor compressor

Neodymium magnets



Magnetic force

+

Force transformer

ROTATIONAL COMPRESSOR

The tested compressors installed in the Hyundai air conditioners are a guarantee for low energy consumption. Assisted by the precise regulation of compressor operation, the Hyundai air conditioners are exceptionally economical, under all working conditions.

LOGY

ensure minimal electricity consumption

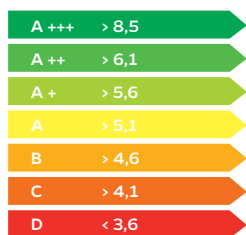


ERP REGULATIONS IN EFFECT IN THE EU

IN EARLY 2013, the ERP (Energy Related Products) Regulations came into effect, limiting electricity consumption of air conditioners. With the introduction of new energy classes (A+++, A++ and A+) and the termination of previous classes (E, F, G), the EU set stricter consumption limits.

LABEL FOR THE NEW “ENERGY EFFICIENCY”

Energy efficiency classes A+++ to D SEER in cooling mode

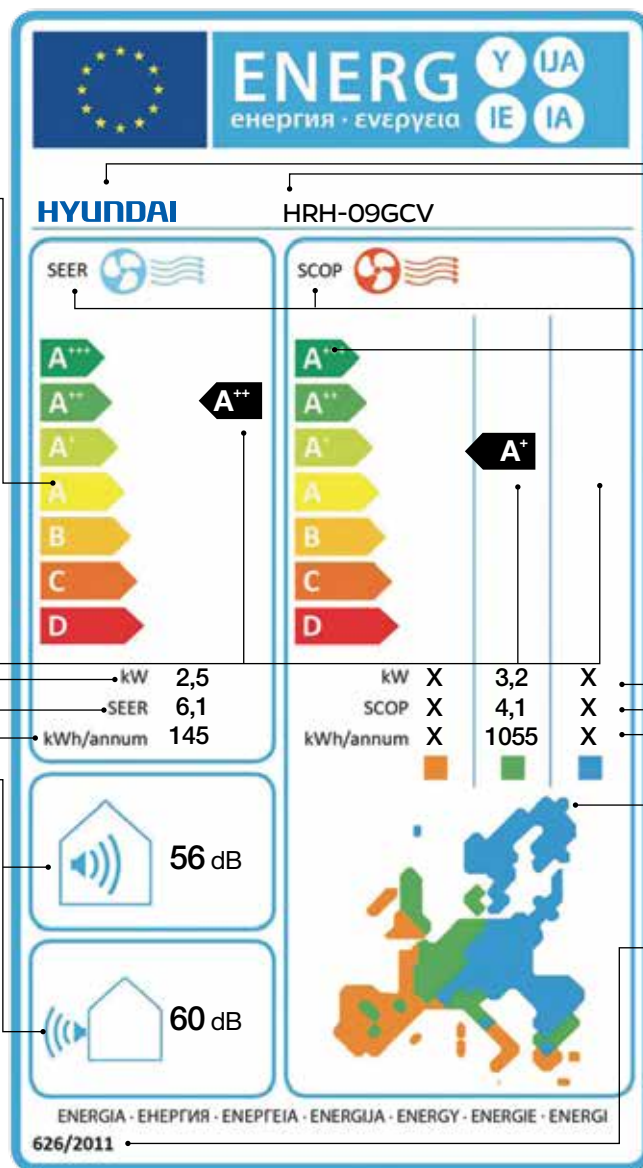


Classification of energy efficiency
Energy efficiency classes in the cooling and heating modes of individual device models

Cooling capacity
SEER-value
Annual consumption of electrical energy for cooling

Noise levels during operation of indoor/outdoor unit
The level of noise is listed for the indoor and outdoor units, which unlike sound pressure does not depend on place of source or recipient

Cooling capacity ≤ 6 kW		Cooling capacity > 6 kW ≤ 12 kW	
Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
60 dB(A)	65 dB(A)	65 dB(A)	70 dB(A)



Name or trademark of the manufacturer

Name of device/model code

SEER and SCOP
SEER (Seasonal Energy Efficiency Ratio) lists the seasonal energy efficient ratio in cooling mode
SCOP (Seasonal Coefficient of Performance) lists the seasonal efficiency coefficient in the heating mode

Energy efficiency classes A+++ to D SCOP in heating mode








Design load in heating mode
SCOP-value
Annual consumption of electrical energy for heating

Climate zones
The EU has been divided into three climate zones for the classification in the heating mode

Weather information with data on the label

ACTIVE PROCESSING OF

During operation, the air conditioner processes

Model	Wall unit			Self-standing unit
				
Function	Performance inverter Plus	Elite inverter Plus	Super inverter	Ceiling unit
Anti-allergy filter	●	●	●	
Auto-diagnosis	●	●	●	
Automatic mode	●	●	●	●
Automatic restart	●	●	●	●
Eco mode	●	●		
Self-cleaning function	●	●	●	●
High Power mode				●
Air ionizer	●	●	●	●
Catechin filter		●	●	
Low noise outdoor unit				
Temperature maintenance 8-10°C	●	●	●	●
Plasma filter				●
Person presence sensor				
Quiet operation				
Timer	●	●	●	●
WiFi connection	●	●	●	●
Wifi povezivost	●	●	●	

AIR THAT YOU BREATHE

the air that is inhaled by everyone in the room

Built-in unit



4-way cassette

Duct unit

- | 4-way cassette | Duct unit |
|----------------|-----------|
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |
| ● | ● |

● standard equipment ○ optional equipment



AIR IONISER

CAPABLE OF PRODUCING UP TO 35,000 NEGATIVELY CHARGED IONS PER CUBIC CENTIMETER OF AIR. This is the value similar to the air quality near waterfalls, and is higher than the air quality in forests. The emission of negative ions equalises the excess of positive ions present in indoor spaces, and achieves ion concentrations similar to the air in the cleanest parts of Earth.

BUILT-IN HEATER

ALL INVERTER PRO UNITS have a preinstalled heater in outdoor unit which dispenses heat towards compressor and condensate tub in order to achieve smooth operation during low ambient temperatures.



COOLING AT TEMPERATURE UP TO +46°C

HYUNDAI AIR CONDITIONERS ARE CAPABLE OF COOLING in conditions of outdoor temperatures of up to +46°C. The heating function is available to temperatures of -15°C.





PERFORMANCE INVERTER PLUS

Thanks to eco-friendly R32 refrigerant, Performance Inverter model is able to achieve high energy efficiency. Easy installation will minimize time required to install or service these units by installers



WIFI CONNECTED

The device can be connected with a WiFi interface, and complete control of the air conditioner is possible via smartphone, tablet or computer



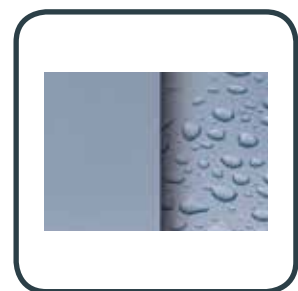
ALL EASY INSTALL

Installation and service process are time saving, and both installers and consumers will benefit from this feature



AIR IONIZER

The system generates negative ions, which largely improve the air quality, positively affecting the exchange of matter and dissolution of tension in the body



CONSTANT 8° C DEGREES

Function which is maintaining constant room temperature of 8°C. Excellent for usage on villas and beach houses which are not occupied out of season

OPERATION RANGE

 FR **-15°C**
TO **+50°C**

 FR **-15°C**
TO **+30°C**
ENERGY EFFICIENCY
SEER
6,2

SCOP
4,0


Data pertain to 2,6 kW model



INDOOR UNIT			HRH-09BMV	HRH-12BMV	HRH-18BMV	HRH-24BMV
OUTDOOR UNIT			HRO-09BMV	HRO-12BMV	HRO-18BMV	HRO-24BMV
Cooling capacity	kW	❄	2,6	3,5	5,3	7
Cooling capacity range (min-max)	kW	❄	0,9 - 3,4	1,1 - 4,2	1,8 - 6,1	2,1 - 7,9
Energy consumption	kW	❄	0,10 - 1,24	0,13 - 1,58	0,14 - 2,36	0,16 - 2,96
Pdesignc	kW	❄	2,6	3,5	5,2	7
SEER / Energy class		❄	6,20 / A++	6,1 / A++	7,1 / A++	6,1 / A++
Heating capacity	kW	☀	2,9	3,8	5,6	7,3
Heating capacity range (min-max)	kW	☀	0,8 - 3,4	1,1 - 4,2	1,4 - 6,7	1,6 - 8,8
Energy consumption	kW	☀	0,12 - 1,20	0,10 - 1,58	0,20 - 2,41	0,26 - 3,14
Pdesignh	kW	☀	2,1	2,3	4,1	4,8
SCOP / Energy class		☀	4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+
Indoor unit			HRH-09BMV	HRH-12BMV	HRH-18BMV	HRH-24BMV
Air flow	m ³ /h	❄	520	600	840	980
Noise level	dB(A)	❄	21 / 40	21 / 42	21 / 43	25 / 46
Dimensions (HxWxD)	mm		285 x 805 x 194	285 x 805 x 194	302 x 957 x 213	327 x 1040 x 220
Weight	kg		7,5	7,5	10	12,3
Outdoor unit			HRO-09BMV	HRO-12BMV	HRO-18BMV	HRO-24BMV
Noise level	dB(A)	❄	56	56	56	59
Dimensions (HxWxD)	mm		550 x 700 x 275	550 x 700 x 275	554 x 800 x 333	702 x 845 x 363
Weight	kg		22,7	22,7	34	51
Compressor type			rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni
Gas side mm (in)	mm (col)		9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	15,9 (5/8)
Liquid side mm (in)	mm (col)		6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Maximum piping length	m		25	25	30	50
Maximum piping height difference	m		10	10	20	25
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Refrigerant			R32/675	R32/675	R32/675	R32/675
Filling in kg/tonnes CO ₂ - Equ.			0,50 / 0,33	0,50 / 0,33	1,00 / 0,67	1,60 / 1,08

❄ hlađenje ☀ grijanje



ELITE INVERTER PLUS

Top of the range model from a Korean manufacturer is running R32 refrigerant, which is only a part of the reason why this model excels in innovative design and high performance results



WIFI CONNECTED

The device can be connected with a WiFi interface, and complete control of the air conditioner is possible via smartphone, tablet or computer.



ALL EASY INSTALL

Installation and service process are time saving, and both installers and consumers will benefit from this feature



AIR IONIZER

The system generates negative ions, which largely improve the air quality, positively affecting the exchange of matter and dissolution of tension in the body



SELF-CLEANING FUNCTION

Once the device ends its operation, the internal fan turns to completely dry out the coil and prevent the formation of moisture inside the indoor unit

OPERATION RANGE



FR **-15°C**
TO **+50°C**



FR **-15°C**
TO **+30°C**

ENERGY EFFICIENCY

SEER
6,8



SCOP
4,0



Data pertain to 2,6 kW model



INDOOR UNIT			HRH-09GMV1	HRH-12GMV1	HRH-18GMV1
OUTDOOR UNIT			HRO-09GMV1	HRO-12GMV1	HRO-18GMV1
Cooling capacity	kW	*	2,6	3,5	5,3
Cooling capacity range (min-max)	kW	*	1,2 - 3,4	1,4 - 4,6	2,0 - 6,2
Energy consumption	kW	*	0,10 - 1,32	0,11 - 1,74	0,15 - 2,22
Pdesignc	kW	*	2,6	3,5	5,3
SEER / Energy class		*	6,80 / A++	6,30 / A++	6,70 / A++
Heating capacity	kW	☀	2,9	4,1	5,6
Heating capacity range (min-max)	kW	☀	0,8 - 3,9	0,9 - 5,1	1,3 - 7,0
Energy consumption	kW	☀	0,14 - 1,38	0,15 - 1,83	0,22 - 2,33
Pdesignh	kW	☀	2,2	2,5	4,0
SCOP / Energy class		☀	4,00 / A+	4,00 / A+	4,00 / A+
Indoor unit			HRH-09GMV1	HRH-12GMV1	HRH-18GMV1
Air flow	m ³ /h	*	486	550	810
Noise level	dB(A)	*	21 / 41	23 / 41	24 / 45
Dimensions (HxWxD)	mm		302 x 717 x 193	302 x 805 x 193	325 x 964 x 222
Weight	kg		7,5	8	11
Outdoor unit			HRO-09GMV1	HRO-12GMV1	HRO-18GMV1
Noise level	dB(A)	*	55	55	57
Dimensions (HxWxD)	mm		555 x 770 x 300	555 x 770 x 300	554 x 800 x 333
Weight	kg		26	26	37
Compressor type			rotacijski	rotacijski	rotacijski
Gas side mm (in)	mm (col)		9,52 (3/8)	9,52 (3/8)	12,7 (1/2)
Liquid side mm (in)	mm (col)		6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Maximum piping length	m		25	25	30
Maximum piping height difference	m		10	10	20
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Refrigerant			R32/675	R32/675	R32/675
Filling in kg/tonnes CO ₂ - Equ.			0,70/0,47	0,80/0,54	1,25/0,84

* cooling ☀ heating

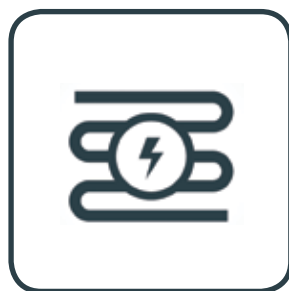
SUPER INVERTER

Air ionizer, WiFi control, gold-fin heat exchanger and triple coating of outdoor unit are just to name a few special features of this remarkable unit. Super inverter is super quiet in operation and has high energy efficiency



TRIPLE COATING PAINT

Triple coating of outdoor unit insures high resistance level to corrosion. After 500 hours of acid impact, outdoor unit is still corrosion free



HEATER IN OUTDOOR UNIT

Preinstalled heater in outdoor unit guarantees heating operation range up to -15°C



AIR IONIZER

The system generates negative ions, which largely improve the air quality, positively affecting the exchange of matter and dissolution of tension in the body



WIFI CONNECTED

The device can be connected with a WiFi interface, and complete control of the air conditioner is possible via smartphone, tablet or computer.

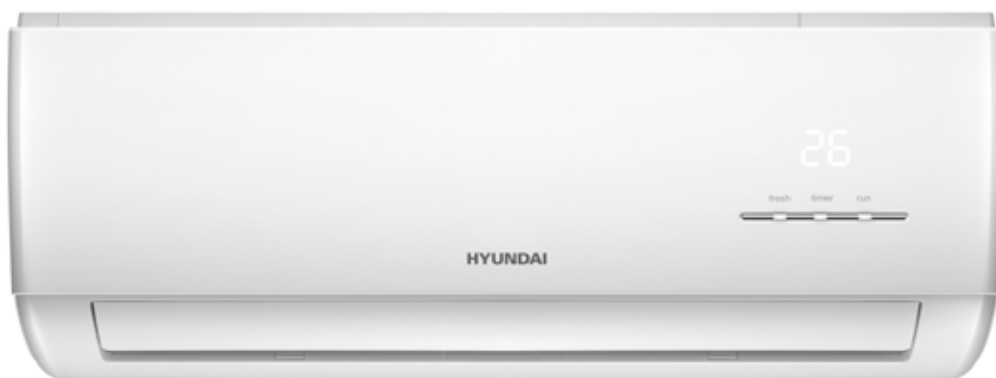
OPERATION RANGE

 FR **-15°C**
TO **+50°C**

 FR **-15°C**
TO **+30°C**
ENERGY EFFICIENCY
SEER
8,3

SCOP
4,6


Data pertain to 2,6 kW model



INDOOR UNIT			HRH-09PMV	HRH-12PMV
OUTDOOR UNIT			HRO-09PMV	HRO-12PMV
Cooling capacity	kW	❄️	2,6	3,5
Cooling capacity range (min-max)	kW	❄️	1,0 - 3,2	1,4 - 4,3
Energy consumption	kW	❄️	0,09 - 1,14	0,13 - 1,65
Pdesignc	kW	❄️	2,6	3,5
SEER / Energy class		❄️	8,30 / A++	7,5 / A++
Heating capacity	kW	☀️	2,9	3,8
Heating capacity range (min-max)	kW	☀️	0,8 - 3,4	1,1 - 4,4
Energy consumption	kW	☀️	0,11 - 1,08	0,16 - 1,56
Pdesignh	kW	☀️	2,3	2,3
SCOP / Energy class		☀️	4,60 / A++	4,60 / A++
Indoor unit			HRH-09PMV	HRO-12PMV
Protok zraka	m ³ /h	❄️	550	550
Razina buke	dB(A)	❄️	22 / 39	22 / 41
Dimenzije (V×Š×D)	mm		302 x 805 x 193	302 x 805 x 193
Težina	kg		8,3	8,3
Outdoor unit			HRO-09PMV	HRH-12PMV
Noise level	dB(A)	❄️	56	56
Dimensions (HxWxD)	mm		554 x 800 x 333	554 x 800 x 333
Weight	kg		29,6	29,6
Compressor type			rotacijski klipni	rotacijski klipni
Gas side mm (in)	mm (col)		9,52 (3/8)	9,52 (3/8)
Liquid side mm (in)	mm (col)		6,35 (1/4)	6,35 (1/4)
Maximum piping length	m		25	25
Maximum piping height difference	m		10	10
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50
Filling in kg/tonnes CO ₂ - Equ.			R32/675	R32/675

❄️ cooling ☀️ heating

MULTI INVERTER

Outdoor unit

OPERATION RANGE



FR **-15°C**
TO **+50°C**



FR **-15°C**
TO **+24°C**

ENERGY EFFICIENCY

SEER
6,5



SCOP
4,0



Data pertain to 6,2 kW model

HRO 2M18MVA

Possibility of connecting up to 2 indoor units

Model	Cooling capacity (kW)	Heating capacity (kW)	Energy class	Dimensions (H/W/D)
HRO 2M18MVA				
HRO 2M18MVA	5,3	5,6	A++/A+	554 / 800 / 333



HRO 3M21MVA, HRO 3M27MVA

Possibility of connecting up to 3 indoor units

Model	Cooling capacity (kW)	Heating capacity (kW)	Energy class	Dimensions (H/W/D)
HRO 3M21MVA, HRO 3M27MVA				
HRO 3M21MVA	6,2	6,6	A++/A+	702 / 845 / 363
HRO 3M27MVA	7,9	8,2	A++/A+	702 / 845 / 363



HRO 4M28MVA, HRO 4M36MVA

Possibility of connecting up to 4 indoor units

Model	Cooling capacity (kW)	Heating capacity (kW)	Energy class	Dimensions (H/W/D)
HRO 4M28MVA, HRO 4M36MVA				
HRO 4M28MVA	8,2	8,8	A++/A+	810 / 946 / 410
HRO 4M36MVA	10,5	10,5	A++/A+	810 / 946 / 410



HRO 5M42MVA

Possibility of connecting up to 5 indoor units

Model	Cooling capacity (kW)	Heating capacity (kW)	Energy class	Dimensions (H/W/D)
HRO 5M42MVA				
HRO 5M42MVA	12,3	12,3	A++/A	810 / 946 / 410



MULTI INVERTER

Indoor units

WALL MOUNTED UNITS



WALL MOUNTED UNITS		HRH M09SMVA	HRH M12SMVA	HRH M18SMVA	HRH M24SMVA
Cooling capacity	kW	2,6	3,5	5,2	7,3
Heating capacity	kW	2,9	4,1	5,6	7,6
Air flow	m ³ /h	329 - 486	360 - 550	550 - 810	650 - 1050
Noise level	dB(A)	20 / 41	23 / 41	24 / 45	27 / 46
Dimensions (HxWxD)	mm	302 x 717 x 193	302 x 805 x 193	325 x 964 x 222	342 x 1106 x 232
Weight	kg	7,8	8,2	10,8	14,3

CASSETTE UNITS



INDOOR UNITS		HRC M09MVA	HRC M12MVA	HRC M18MVA
Cooling capacity	kW	2,6	3,5	5,2
Heating capacity	kW	2,9	4,1	5,4
Air flow	m ³ /h	450 - 580	415 - 617	500 - 680
Noise level	dB(A)	29 / 38	34 / 41	41 / 44
Dimensions (HxWxD)	mm	260 x 570 x 570	260 x 570 x 570	260 x 570 x 570
Weight	kg	14,5	16,2	16,2

FLOOR UNIT



INDOOR UNITS		HRP M12MVA	HRP M16MVA
Cooling capacity	kW	3,5	4,8
Heating capacity	kW	3,8	5,0
Air flow	m ³ /h	370 - 512	400 - 560
Noise level	dB(A)	35 / 43	25 / 42
Dimensions (HxWxD)	mm	700 x 600 x 210	700 x 600 x 210
Weight	kg	14,8	14,8

OUTDOOR UNITS

OUTDOOR UNITS		Multisplit for 2 rooms		Multisplit for 3 rooms		Multisplit for 4 rooms		Multisplit for 5 rooms
		HRO 2M18MVA	HRO 3M21MVA	HRO 3M27MVA	HRO 4M28MVA	HRO 4M36MVA	HRO 5M42MVA	
Cooling capacity	kW	5,3	6,2	7,9	8,2	10,5	12,3	
Power load	kW	1,63	1,90	2,45	2,50	3,31	4,10	
SEER/Energy class		6,10 / A++	6,50 / A++	6,10 / A++	7,00 / A++	6,50 / A++	6,80 / A++	
Heating capacity	kW	5,6	6,6	8,2	8,8	10,5	12,3	
Power load	kW	1,50	1,77	2,20	2,40	2,88	3,30	
SCOP/Energy class		4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+	3,80 / A	
Noise level	dB(A)	56	57	54	61	62	64	
Dimensions (HxWxD)	mm	554 x 800 x 333	702 x 845 x 363	702 x 845 x 363	810 x 946 x 410	875 x 1090 x 500	875 x 1090 x 500	
Weight	kg	35,5	46,8	51,1	62,1	68,8	73,3	
Gas side (mm/in)	mm (col)	2 x 9,52 (3/8)	3 x 9,52 (3/8)	3 x 9,52 (3/8)	3 x 9,52 + 1 x 12,7	3 x 9,52 + 1 x 12,7	4 x 9,52 + 1 x 12,7	
Liquid side (mm/in)	mm (col)	2 x 6,35 (1/4)	3 x 6,35 (1/4)	3 x 6,35 (1/4)	4 x 6,35 (1/4)	4 x 6,35 (1/4)	5 x 6,35 (1/4)	
Maximum piping length (total/per unit)	m	40 / 25	60 / 30	60 / 30	80 / 35	80 / 35	80 / 35	
Maximum piping height difference	m	15	15	15	15	15	15	
Power supply	V-Ph-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	



CASSETTE UNITS

Hyundai Inverter Pro series is aimed at light commercial users. Four way cassette type unit adapts to any interior and can efficiently and quietly cool or heat big spaces. Outdoor units come equipped with pre-installed heaters and gold-fin heat

REMOTE CONTROL

Infra-red remote controller has a modern design and backlit screen



HCO48/55YMV



HCO36YMV



HCO24YMV



HCO18YMV



HCO12YMV

OPERATION RANGE



FR **-15°C** (-15°C)
TO **+50°C**



FR **-20°C**
TO **+24°C**

ENERGY EFFICIENCY

SEER
6,1



SCOP
4,0



Data pertain to 5.3 kW models
Data in brackets pertain to 10.5/14.0/16.0 kW models



INDOOR UNIT			HCC 12 VMV	HCC 18 VMV	HCC 24 VMV	HCC 36 VMV	HCC 48 VMV	HCC 55 VMV
OUTDOOR UNIT			HCO 12 VMV	HCO 18 VMV	HCO 24 VMV	HCO 36 YMV	HCO 48 YMV	HCO 55 YMV
Cooling capacity	kW	*	3,52	5,28	7,03	10,55	14,07	15,5
Cooling capacity range (min-max)	kW	*	1,52 - 5,28	2,90 - 5,74	3,22 - 8,21	4,04 - 12,02	4,75 - 14,58	5,28 - 16,71
Energy consumption	kW	*	0,35 - 1,60	0,72 - 1,86	0,48 - 2,85	0,89 - 4,50	1,17 - 5,60	1,15 - 6,68
SEER/energy class			7,8 / A++	6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++
Heating capacity	kW	☀	4,40	5,42	7,6	11,14	16,12	18,2
Heating capacity range (min-max)	kW	☀	1,03 - 5,57	2,37 - 6,10	2,43 - 8,65	2,95 - 14,14	3,93 - 16,77	4,40 - 19,34
Energy consumption	kW	☀	0,31 - 1,80	0,7 - 1,93	0,5 - 2,88	0,72 - 4,75	0,99 - 5,38	1,02 - 6,45
SCOP/energy class			4,6 / A++	4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+
Indoor unit			HCC 12 VMV	HCC 18 VMV	HCC 24 VMV	HCC 36 VMV	HCC 48 VMV	HCC 55 VMV
Air flow	m³/h	*	617	720	1378	1775	1715	1970
Noise level	dB(A)	*	33 / 41	36 / 43	40 / 47	41 / 51	49 / 52	48 / 53
Dimensions (HxWxD)	mm		260 x 570 x 570	260 x 570 x 570	205 x 840 x 840	245 x 840 x 840	287 x 840 x 840	287 x 840 x 840
Weight	kg		16,2	16,2	23	27,5	29	29,7
Outdoor unit			HCO 12 VMV	HCO 18 VMV	HCO 24 VMV	HCO 36 YMV	HCO 48 YMV	HCO 55 YMV
Noise level	dB(A)	*	56	55	62	65	66	66
Dimensions (HxWxD)	mm		554 x 800 x 333	554 x 800 x 333	702 x 845 x 363	810 x 946 x 410	1333 x 952 x 415	1333 x 952 x 415
Weight	kg		34,7	33,7	66,8	66,8	106,7	111,3
Compressor type:			rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni
Gas side mm (in)	mm (col)		9,52 (3/8")	12,7 (1/2")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
Liquid side mm (in)	mm (col)		6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
Maximum piping length	m		25	30	50	65	65	65
Maximum piping height difference	m		10	20	25	30	30	30
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	400 - 3 - 50	400 - 3 - 50	400 - 3 - 50
Refrigerant			R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Filling in kg/tonnes CO ₂ - Equ.			0,87/0,59	1,15/0,78	1,50/1,01	2,40/1,62	2,80/1,89	2,95/1,99

* cooling ☀ heating

Grille is included, as well as IR remote controller



CEILING UNITS

Hyundai Inverter Pro series is aimed at light commercial users. Ceiling units help distribute cold or warm air to places that other units can not reach. Outdoor units come equipped with pre-installed heaters and gold-fin heat exchangers

REMOTE CONTROL

Infra-red remote controller has a modern design and backlit screen



HCO48/55YMV



HCO36YMV



HCO24YMV



HCO18YMV



HCO12YMV

OPERATION RANGE

 FR **-15°C** (-15°C)
TO **+50°C**

 FR **-20°C**
TO **+24°C**
ENERGY EFFICIENCY
SEER
6,1

SCOP
4,0

 Data pertain to 5.3 kW models
Data in brackets pertain to 10.5/14.0/16.0 kW models


INDOOR UNIT			HCF 18 VMV	HCF 24 VMV	HCF 36 VMV	HCF 48 VMV	HCF 55 VMV
OUTDOOR UNIT			HCO 18 VMV	HCO 24 VMV	HCO 36 VMV	HCO 48 VMV	HCO 55 VMV
Cooling capacity	kW	*	5,28	7,0	10,55	14,07	15,83
Cooling capacity range (min-max)	kW	*	2,64 - 6,15	3,22 - 8,29	3,93 - 12,02	4,96 - 15,11	5,28 - 17,00
Energy consumption	kW	*	0,28 - 2,05	0,48 - 2,93	0,87 - 4,50	1,16 - 6,00	1,23 - 6,50
SEER/Energy class			6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++
Heating capacity	kW	☀	5,57	7,62	11,14	16,12	18,17
Heating capacity range	kW	☀	2,27 - 7,03	2,72 - 8,65	2,81 - 13,95	3,81 - 18,07	4,40 - 19,64
Energy consumption	kW	☀	0,33 - 2,18	0,50 - 2,85	0,73 - 4,89	1,03 - 6,2	1,02 - 6,55
SCOP/Energy class			4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+	4,00 / A+
Indoor unit			HCF 18 VMV	HCF 24 VMV	HCF 36 VMV	HCF 48 VMV	HCF 55 VMV
Air flow	m ³ /h	*	902	1208	2160	2329	2454
Noise level	dB(A)	*	37 / 45	41 / 50	42 / 51	46 / 54	42 / 54
Dimensions (HxWxD)	mm		235 x 1068 x 675	235 x 1068 x 675	235 x 1650 x 675	235 x 1650 x 675	235 x 1650 x 675
Weight	kg		26,6	26,8	39	41,2	41,4
Outdoor unit			HCO 18 VMV	HCO 24 VMV	HCO 36 VMV	HCO 48 VMV	HCO 55 VMV
Noise level	dB(A)	*	55	62	65	66	66
Dimensions (HxWxD)	mm		554 x 800 x 333	702 x 845 x 363	810 x 946 x 410	1333 x 952 x 415	1333 x 952 x 415
Weight	kg		33,7	66,8	66,8	106,7	111,3
Compressor type			rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni
Gas side mm (in)	mm (col)		12,7 (1/2")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
Liquid side mm (in)	mm (col)		6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
Maximum piping length	m		30	50	65	65	65
Maximum piping height difference	m		20	25	30	30	30
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50	400 - 3 - 50	400 - 3 - 50	400 - 3 - 50
Refrigerant			R32/675	R32/675	R32/675	R32/675	R32/675
Filling in kg/tonnes CO ₂ - Equ.			1,15/0,78	1,50/1,01	2,40/1,62	2,80/1,89	2,95/1,99

* cooling ☀ heating

IR remote controller is included



DUCT UNITS

Hyundai Inverter Pro series is aimed at light commercial users. Duct units are ideal for hotel rooms because of low noise level and good airflow. Outdoor units come equipped with pre-installed heaters and gold-fin heat exchangers

REMOTE CONTROL

Wallmounted remote comes with numerous functions which help increase comfort level for users



HCO48/55YMV



HCO36YMV



HCO24VMV



HCO18VMV



HCO12VMV

OPERATION RANGE



FR **-15°C** (-15°C)
TO **+50°C**



FR **-20°C**
TO **+24°C**

ENERGY EFFICIENCY

SEER
6,1

A++

SCOP
4,0

A+

Data pertain to 5.3 kW models
Data in brackets pertain to 10.5/14.0/16.0 kW models



INDOOR UNIT			HCD 12 VMV	HCD 18 VMV	HCD 24 VMV	HCD 36 VMV	HCD 48 VMV	HCD 55 VMV
OUTDOOR UNIT			HCO 12 VMV	HCO 18 VMV	HCO 24 VMV	HCO 36 YMV	HCO 48 YMV	HCO 55 YMV
Cooling capacity	kW	*	3,51	5,28	7,03	10,55	14,07	15,24
Cooling capacity range	kW	*	1,49 - 4,75	2,55 - 5,69	3,28 - 8,16	4,04 - 12,02	4,26 - 15,19	5,86 - 17,29
Energy consumption	kW	*	0,35 - 1,62	0,71 - 1,90	0,48 - 2,85	0,90 - 4,90	1,17 - 5,70	1,9 - 6,1
SEER/Energy class			6,5 / A++	6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++	6,1 / A++
Heating capacity	kW	☀	4,1	5,85	7,62	11,14	16,12	18,17
Heating capacity range	kW	☀	0,97 - 5,63	2,20 - 6,15	2,72 - 8,72	2,81 - 13,19	3,70 - 18,02	4,69 - 20,52
Energy consumption	kW	☀	0,35 - 2,05	0,74 - 1,76	0,50 - 2,88	0,80 - 4,64	0,95 - 5,82	1,04 - 6,03
SCOP/Energy class			4,0 / A+	4,0 / A+	4,0 / A+	4,00 / A+	4,00 / A+	4,00 / A+
Indoor unit			HCD 12 VMV	HCD 18 VMV	HCD 24 VMV	HCD 36 VMV	HCD 48 VMV	HCD 55 VMV
Air flow	m ³ /h	*	600	880	1248	1400	2400	2600
Noise level	dB(A)	*	26 / 35	33 / 42	38 / 42	40 / 47	48 / 51	51 / 54
Dimensions (HxWxD)	mm		200 x 700 x 450	210 x 880 x 674	249 x 1100 x 774	249 x 1360 x 774	300 x 1200 x 874	300 x 1200 x 874
Weight	kg		18	24,3	31,5	40,5	47,6	47,6
Outdoor unit			HCO 12 VMV	HCO 18 VMV	HCO 24 VMV	HCO 36 YMV	HCO 48 YMV	HCO 55 YMV
Noise level	dB(A)	*	56	55	62	65	66	66
Dimensions (HxWxD)	mm		554 x 800 x 333	554 x 800 x 333	702 x 845 x 363	810 x 946 x 410	1333 x 952 x 415	1333 x 952 x 415
Weight	kg		34,7	33,7	66,8	66,8	106,7	111,3
Compressor type			rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni	rotacijski klipni
Gas side mm (in)	mm (col)		9,52 (3/8")	12,7 (1/2")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
Liquid side mm (in)	mm (col)		6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
Maximum piping length	m		25	30	50	65	65	65
Maximum piping height difference	m		10	20	25	30	30	30
Power supply	V-Ph-Hz		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	400 - 3 - 50	400 - 3 - 50	400 - 3 - 50
Refrigerant			R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Filling in kg/tonnes CO ₂ - Equ.			0,87/0,59	1,15/0,78	1,50/1,01	2,40/1,62	2,80/1,89	2,95/1,99

* cooling ☀ heating

Wallmounted remote controller is included



MOBILE AIR CONDITIONER

Practical, compact and affordable... these are the main characteristics of the mobile air conditioners. They require no construction works, and offer perfectly cooled spa

Model		HRM-09CMPV	HRM-12HMPV
Cooling capacity	kW	2,7	3,5
Energy consumption	kW	-	2,9
EER		2,8	2,6
Energy class cooling		A	A
COP		-	2,8
Energy class heating		-	A+
Noise level	dB (A)	62	64
Dimensions (H x W x D)	mm	700 x 454 x 365	765 x 467 x 397
Weight	kg	27	34
Refrigerant		R290	R290
GWP		3	3



HVAC TOOLS

For cooling and air conditioning systems

Professional installers deserve only the best tools of the trade. The high quality, durability and long-lasting tools we offer are a guarantee of high quality installation services



VACUUM PUMP

The pump is intended for use with the refrigerants R32, R410A, R407C, R134a, R12, R22



ELECTRONIC SCALE

Capable of measuring up to 100 kg of medium with a precision of 0.05%. Batteries provide power for 80 hours of operation, while the small weight (4 kg) makes it easy to use



REFRIGERANT RECOVERY TOOL

The tool is intended for the recovery of refrigerant from the air conditioning system. It is activated at the touch of a button, and weighs only 13 kg. Models with oil separator and refrigerant cleaning available



DIGITAL MANOMETERS

Precise manometers which are able to accurately measure pressure in systems as well as check vacuum. Comes in PVC box with matching tubing



MANOMETERS

Precise manometers measure the pressure in systems using refrigerants R32, R410A, R134a, R22, R407C. The classification 1.6 is a guarantee of high precision



UNIVERSAL FLARING TOOL

The universal flaring tool produces precision 45° single flares on copper pipes from 1/4 to 3/4 inch diameter



RUBBER TUBING FOR REFRIGERANT

For use with refrigerants R32, R410A, R134a, R12, R22. The rubber walls are reinforced and have a diameter of 12 mm. Tubing is available in lengths from 90 to 150 cm



CUTTER

With its compact size and high quality and long-lasting blades, this tool will delight you with its performance and price

CONNECTIONS DATA

	MODEL	Cooling/ Heating (kW)	Max pipe length (m)	Max length per unit (m)	Max height difference (m)	Pre-charge (m)	Charge (gr/m)	Gas pipes mmm (zoll)	Liquid pipes mmm (zoll)	Fuse	Connecti- on (mm ²)	Power supply	Power cable (mm ²)	Brac- kets apart (cm)	Gas quantity (kg)
PERFORMANCE INVERTER PLUS R32	HRO-09BMV	2,6/2,9	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	45	0,5
	HRO-12BMV	3,5/3,8	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	45	0,5
	HRO-18BMV	5,3/5,6	30		20	5	12	12,7 (1/2")	6,4 (1/4")	16	5x1,5	Vanjska j.	3x2,5	51,5	1
	HRO-24BMV	7,0/7,3	50		25	5	12	15,9 (5/8)	9,52 (3/8")	20	5x1,5	Vanjska j.	3x2,5	54	1,6
ELITE INVERTER R32	HRO-09GMV1	2,6/2,9	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5		0,7
	HRO-12GMV1	3,5/4,1	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	48,7	0,8
	HRO-18GMV1	5,3/5,6	30		20	5	12	12,7 (1/2")	6,4 (1/4")	16	5x1,5	Vanjska j.	3x2,5	51,5	1,25
SUPER INVERTER R32	HRO-09PMV	2,6/2,9	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	51,5	0,65
	HRO-12PMV	3,5/3,8	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	51,5	0,65
MULTI R32	HRO 2M18MVA	5,2/5,5	40	25	15	15	12	9,52 (3/8")	6,4 (1/4")	16	4x1,5	Vanjska j.	3x2,5	51,5	1,25
	HRO 3M21MVA	6,2/6,6	60	30	15	22,5	12	9,52 (3/8")	6,4 (1/4")	16	4x1,5	Vanjska j.	3x2,5	54	1,4
	HRO 3M27MVA	7,9/8,2	60	30	15	22,5	12	9,52 (3/8")	6,4 (1/4")	20	4x1,5	Vanjska j.	3x2,5	54	1,72
	HRO 4M28MVA	8,2/8,8	80	35	15	30	12	3x9,52 (3/8") 1x12,7 (1/2")	6,4 (1/4")	20	4x1,5	Vanjska j.	3x2,5	67,5	2,1
	HRO 4M36MVA	10,5/10,5	80	35	15	30	12	3x9,52 (3/8") 1x12,7 (1/2")	6,4 (1/4")	25	4x1,5	Vanjska j.	3x2,5	67,5	2,1
	HRO 5M42MVA	12,3/12,3	80	35	15	37,5	12	4x9,52 (3/8") 2x12,7 (1/2")	6,4 (1/4")	25	4x1,5	Vanjska j.	3x4	67,5	2,4
INVERTER PRO R32	HCO 12 VMV	3,52/4,10	25		10	5	12	9,52 (3/8")	6,4 (1/4")	10	5x1,5	Vanjska j.	3x2,5	51,4	0,87
	HCO 18 VMV	5,28/5,42	30		20	5	12	12,7 (1/2")	6,4 (1/4")	16	5x1,5	Vanjska j.	3x2,5	51,4	1,15
	HCO 24 VMV	7,03/7,62	50		25	5	24	15,9 (5/8)	9,52 (3/8")	20	5x1,5	Vanjska j.	3x2,5	54	1,5
	HCO 36 YMV	10,55/11,14	65		30	5	24	15,9 (5/8)	9,52 (3/8")	20	5x1,5	Vanjska j.	5X2,5	67,3	2,4
	HCO 48 YMV	14,07/16,12	65		30	5	24	15,9 (5/8)	9,52 (3/8")	25	5x1,5	Vanjska j.	5X2,5	63,4	2,8
	HCO 55 YMV	15,53/18,17	65		30	5	24	15,9 (5/8)	9,52 (3/8")	25	5x1,5	Vanjska j.	5X2,5	63,4	2,95

COMMERCIAL TERMS

- Prices are FCO Zagreb
- Price does not include installation work
- Delivery time:
 - central warehouse immediately
 - order 3 - 5 work days
- Warranty: 36 months
- Prices are subject to change without notice



only for RAS products



Thank you for your trust and business cooperation

Authorised partner



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