

# PHENIX E

The most energy efficient monosplit



## HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, up to energy class A+++.



## STERILISATION AT 56°C

High temperature sterilisation cycles of the evaporator to prevent bacteria from forming and to improve the quality of air.



## IONIZER AND AIR QUALITY TECH

The treated air is subjected to an ionising action and purified with anti-dust filters, activated carbon and cold catalytic filters.



## WI-FI KIT INCLUDED

To ensure Wi-Fi connection to the air conditioner, simply install the special USB key (included in the package) and download the OS Comfort app.

## FEATURES

High-performance inverter technology  
Coolant gas R32  
Energy efficiency class A+++ in cooling  
Remote control supplied  
Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

## FUNCTIONS

**Cooling, heating, dehumidification and ventilation  
Timer, Auto, Eco, Sleep, Silent and Turbo functions**

**Follow Me function:** precise temperature detection in the point where the remote control is located.

**Breeze away and Swing functions:** prevents direct air jets and automatically adjusts the air flow (horizontal and vertical)

**Gear function:** 3 power options (50-75-100%) to optimise energy consumption.

**Auto-Restart function:** after a power failure, it restarts at the last function set.

**Auto-Diagnosis function:** in the event of a failure, the display shows the error code.



			Phenix E Inverter 9	Phenix E Inverter 12	Alyas Pro E Inverter 9	Mystral E Inverter 9	Mystral E Inverter 12	Mystral E Inverter 18	
<b>INDOOR UNIT CODE</b>			OS-SEPHH09E1	OS-SEPHH12E1	OS-SENOH09E1	OS-SEMLH09E1	OS-SEMLH12E1	OS-SEMLH18E1	
<b>INDOOR UNIT EAN CODE</b>			8021183117424	8021183117431	8021183115864	8021183118919	8021183118940	8021183120769	
<b>OUTDOOR UNIT CODE</b>			OS-CEPHH09E1	OS-CEPHH12E1	OS-CENOH09E1	OS-CEMLH09E1	OS-CEMLH12E1	OS-CEMLH18E1	
<b>OUTDOOR UNIT EAN CODE</b>			8021183117448	8021183117455	8021183115871	8021183118926	8021183118957	8021183120776	
<b>PRODUCT CODE</b>			OS-C/SEPHH09E1	OS-C/SEPHH12E1	OS-C/SENOH09E1	OS-C/SEMLH09E1	OS-C/SEMLH12E1	OS-C/SEMLH18E1	
<b>EAN CODE</b>			8021183117486	8021183117493	8021183115857	8021183118902	8021183118933	8021183120752	
Output power in cooling mode (min/rated/max)		kW	1,03/2,64/3,23	1,38/3,52/4,31	0,91/2,64/4,40	0,94/2,63/3,4	1/3,4/3,77	1,25/5,10/5,91	
Output power in heating mode (min/rated/max)		kW	0,82/2,93/3,37	1,07/3,81/4,38	0,79/2,86/6,30	0,94/2,75/3,5	1/3,4/3,81	1,25/5,10/6,07	
Absorbed power in cooling mode (min/rated/max)		kW	0,08/0,63/1,10	0,13/1,01/1,65	0,05/0,60/1,55	0,24/0,809/1,38	0,29/1,053/1,5	0,33/1,58/2,34	
Absorbed power in heating mode (min/rated/max)		kW	0,70/0,65/0,99	0,16/0,98/1,56	0,14/0,65/2,10	0,24/0,733/1,552	0,29/0,925/1,73	0,34/1,37/2,52	
Current consumption in cooling mode (min/rated/max)		A	0,35/2,73/4,78	0,6/4,37/7,2	0,5/4,0/7,0	1,2/4,6/8,0	1,5/5,1/9,0	1,7/8,1/12,0	
Current consumption in heating mode (min/rated/max)		A	0,32/2,83/4,32	0,7/4,24/6,78	1,0/4,22/9,2	1,2/4,1/9,0	1,5/4,6/10,0	1,7/7,0/13,0	
EER			4,2	3,5	4,40	3,25	3,23	3,23	
COP			4,5	3,9	4,41	3,73	3,71	3,71	
Maximum power consumption in cooling mode		kW	2,20	2,20	2,35	1,38	1,50	2,34	
Maximum power consumption in heating mode		kW	2,20	2,20	2,35	1,55	1,73	2,52	
Energy efficiency class in cooling			<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	
Energy efficiency class in heating mode - Average season			<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A+</b>	<b>A+</b>	<b>A+</b>	
Energy efficiency class in heating mode - Warmer season			<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	
Energy efficiency class in heating mode - Cold season			-	-	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	
Energy consumption in cooling mode	kWh/year	kWh/year	107	157	111	149	195	293	
Annual energy consumption in heating mode - Average season	kWh/year	kWh/year	744	797	792	840	840	1330	
Annual energy consumption in heating mode - Warmer season	kWh/year	kWh/year	630	723	762	659	714	1373	
Annual energy consumption in heating mode - Cold season	kWh/year	kWh/year	1891	1984	2156	1606	2162	2471	
Dehumidification capacity		l/h	1,5	1,5	1,0	1	1,2	1,5	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,6	3,5	2,7	2,6	3,4	5,1
	Heating / Average	Pdesignh	kW	2,4	2,6	2,6	2,4	2,4	3,8
	Heating / Warmer	Pdesignh	kW	2,7	3,1	2,7	2,4	2,6	5,0
	Heating / Colder	Pdesignh	kW	3	3,3	3,9	2,6	3,5	4,0
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		8,8	8,5	8,5	6,1	6,1	6,1
	Heating / Average	SCOP ( A )		4,6	4,6	4,6	4,0	4,0	4,0
	Heating / Warmer	SCOP ( W )		6	6	5,1	5,1	5,1	5,1
	Heating / Colder	SCOP ( C )		3,5	3,5	3,8	3,4	3,4	3,4
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	<b>54</b>	<b>55</b>	<b>56</b>	<b>52</b>	<b>52</b>	<b>53</b>
	Sound pressure (max/med/min/silence)		dB(A)	37/31/22/-	39/33/22/-	42/35/25/21,5	38/33/30/22	38/33/30/22	41/38/35/27
	Air flow rate in cooling mode (max/med/min)		m³/h	510/360/300	520/370/310	611/479/360	510/430/390	520/450/390	800/620/530
	Air flow rate in heating mode (max/med/min)		m³/h	510/360/300	520/370/310	611/479/360	510/430/390	520/450/390	800/620/530
	Degree of protection			/	/	IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	835x295x208	835x295x208	802x297x189	777x250x201	777x250x201	910x294x206
	Weight (without packaging)		kg	8,7	8,7	8,5	8,0	8,0	10,0
	Dimensions (WxHxD) (with packaging)		mm	905x355x290	905x355x290	875x375x285	850x320x275	850x320x275	979x372x277
	Weight (with packaging)		kg	11,5	11,3	11,1	10,5	10,5	13,0
	Sound power (EN 12102)	LWA	dB(A)	<b>58</b>	<b>61</b>	<b>64</b>	<b>62</b>	<b>62</b>	<b>65</b>
	Sound pressure		dB(A)	54	54,5	55,5	52	52	55
OUTDOOR UNIT	Air flow rate (max)		m³/h	2150	2200	2000	1900	1900	2600
	Degree of protection			IP24	IP24	IP24	IPX4	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	765x555x303	765x555x303	800x554x333	777x498x290	777x498x290	853x602x349
	Weight (without packaging)		kg	26,7	26,7	34,7	24,0	24,0	35,0
	Dimensions (WxHxD) (with packaging)		mm	887x610x337	887x610x337	920x615x390	818x520x325	818x520x325	890x628x385
	Weight (with packaging)		kg	29,1	29,1	37,5	26,0	26,0	38,0
	Connecting liquid pipeline diameter	inch - mm		1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35
	Connecting gas pipeline diameter	inch - mm		3/8" - 9,52	3/8" - 9,52	3/8" - 9,52	3/8"-9,52	3/8"-9,52	3/8"-9,52
COOLING CIRCUIT	Maximum piping length		m	25	25	25	25	25	
	Maximum height difference		m	10	10	10	10	10	
	Covered piping length from pre-load		m	5	5	5	5	5	
	Piping recommended minimum length		m	3	3	3	3	3	
	Refrigerant increase (over 5 m of pipes)		g/m	12	12	12	15	15	
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7	4,3/1,7	3,7/1,2	3,7/1,2	
	Refrigerant gas*	Type	Type	R32	R32	R32	R32	R32	
	Global warming potential	GWP		675	675	675	675	675	
	Refrigerant gas charge		kg	0,62	0,62	0,87	0,57	0,57	
	Max Current		A	10,5	10,5	10,0	9,0	10,0	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit	V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	Supply voltage outdoor unit	V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	
	External unit power supply connection	Pipes		3 x 2,5 mm2	3 x 2,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	
	Indoor - Outdoor unit connection	Pipes		5 x 1,5 mm2	5 x 1,5 mm2	5 x 1,5 mm2	4 x 0,75 mm2	4 x 0,75 mm2	
	Max Current		A	10,5	10,5	10,0	9,0	10,0	
LIMITS OF OPERATING CONDITIONS									
Indoor ambient temperature	Maximum temperature in cooling			DB 32°C		DB 32°C		DB 32°C	
	Minimum temperature in cooling			DB 16°C		DB 17°C		DB 17°C	
	Maximum temperature in heating			DB 30°C		DB 30°C		DB 30°C	
	Minimum temperature in heating			DB 0°C		DB 0°C		DB 0°C	
Outdoor ambient temperature	Maximum temperature in cooling			DB 50°C		DB 43°C		DB 53°C	
	Minimum temperature in cooling			-		-		-	
	Maximum temperature in heating			DB 24°C		DB 30°C		DB 30°C	
	Minimum temperature in heating			DB -15°C		DB -22°C		DB -20°C	

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice.

\*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.