

			Unico Air Inverter 8 SF	Unico Air Inverter 8 HP	Unico Air Inverter 10 SF C	Unico Air Inverter 10 HP
PRODUCT CODE			01601	01600	01997	01802
EAN CODE			8021183016017	8021183016000	8021183019971	8021183018028
Cooling power (min/max)		kW	1,2/2,16	1,2/2,16	1,2/2,75	1,2/2,75
Heating power (min/max)		kW	-	1,1/2,04	-	1,1/2,40
Nominal cooling capacity (1)	P rated	kW				
Nominal heating capacity (1)	P rated	kW	-		-	
Nominal power consumption for cooling (1)	PEER	kW	0,7	0,7	0,9	0,9
Nominal absorption for cooling (1)		A	3,1	3,1	3,9	3,9
Nominal power consumption for heating (1)	PCOP	kW	-	0,5	-	0,6
Nominal absorption for heating (1)		A	-	2,5	-	2,9
Nominal energy efficiency index (1)	EERd		2,6	2,6	2,6	2,6
Nominal efficiency coefficient (1)	COPd		-	3,1	-	3,1
Energy efficiency class in cooling (1)						
Energy efficiency class in heating (1)			-		-	
Energy consumption in "thermostat off" mode	PTO		12,5	12,0	12,0	12,0
Energy consumption in "standby" mode (EN 62301)	PSB		0,5	0,5	0,5	0,5
Energy consumption for double pipe appliances (1) cooling function	QDD		0,7	0,7	0,9	0,9
Energy consumption for double pipe appliances (1) heating function	QDD	kWh/h	-	0,5	-	0,6
Supply voltage		V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
Supply voltage minimum/maximum		V	198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)		kW	0,4-0,76	0,4-0,76	0,4-0,91	0,4-0,91
Maximum absorption in cooling mode (1)		A	1,8-4,1	1,8-4,1	1,8-4,1	1,8-4,1
Maximum power consumption in heating mode (1)		kW	-	0,3-0,75	-	0,3-0,79
Maximum absorption in heating mode (1)		A	-	1,5-3,65	-	1,5-3,65
Maximum power consumption with electric resistance heating		kW	-	-	-	-
Maximum absorption with electric resistance heating		A	-	-	-	-
Dehumidification capacity		l/h	0,6	0,6	0,8	0,8
Air flow rate in cooling environment (max/med/min)		m³/h	235/180/150	235/180/150	235/180/150	235/180/150
Air flow rate in heating environment (max/med/min)		m³/h	-	190/170/150	-	190/170/150
Air flow rate with electric resistance heating environment		m³/h	-	-	-	-
External air flow rate in cooling (max/min)		m³/h	380 / 190	380 / 190	380 / 190	380 / 190
External air flow rate in heating (max/min)		m³/h	-	380 / 190	-	380 / 190
Internal ventilation speed			3	3	3	3
External ventilation speed			2	2	2	2
Diameter wall holes		mm	162	162	162	162
Electric resistance heating			-	-	-	-
Maximum range remote control (distance / angle)		m / °	8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (W x H x D) (without packaging)		mm	978 x 491 x 164	978 x 500 x 164	978 x 500 x 164	978 x 500 x 164
Dimensions (W x H x D) (with packaging)		mm	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250	1060 x 595 x 250
Weight (without packaging)		kg	37	37	39	39
Weight (with packaging)		kg	41	41	43	43
Internal sound pressure (Min Max) (2)		dB(A)				
Internal sound power level (EN 12102)	LWA	dB(A)	53	53	54	54
Degree of protection provided by covers			IP 20	IP 20	IP20	IP20
Refrigerant gas*		Type	R410A	R410A	R410A reclaimed	R410A reclaimed
Global warming potential	GWP	kgCO2 eq.	2088	2088	2088	2088
Refrigerant gas charge		kg	0,37	0,37	0,36	0,36
Maximum operating pressure		MPa	4,20	4,20	4,20	4,20
Power cable (N° pole x section mm2)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Temperature	Maximum temperature in cooling	DB 35°C - WB 24°C
	Minimum temperature in cooling	DB 18°C
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	-
Outdoor Ambient Temperature	Maximum temperature in cooling	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB -10°C
	Maximum temperature in heating	DB 24°C - WB 18°C
	Minimum temperature in heating	DB -15°C

(1) Test condition: data refers to regulation EN14511 - HEATING MODE: outdoor ambient temperature DB 7°C / WB 6°C; indoor ambient DB 20°C / WB 15°C - COOLING MODE: outdoor ambient temperature DB 35°C / WB 24°C; indoor ambient DB 27°C / WB 19°C.

(2) Data test declaration in semianechoic room at a distance of 2m, minimum sound pressure with ventilation only.

- By maintaining the same center to center distance of inlet and outlet holes and the possibility of installation with 162 mm diameter holes, models in the Unico Smart, Unico Inverter and Unico Act range may easily substitute previously installed Unico Star and Unico Sky models.

* Hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088.