Low temperature table (30/35) average zones Model: Magis Pro 9 V2 + Omnistor 300

Widden. Wagis 110 9 V2 + Of	IIIIStoi 500							
Air/water heat pump: yes								
Water/water heat pump: no								
Brine/water heat pump: no								
Low temperature heat pump: r	10							
With additional central heatin	g device: no							
Mixed central heating device		ves						
The parameters are declared for		•	ons					
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit	
Nominal heat output	Nominal output	9	kW	Room central heating sea-sonal energy efficiency	η_S	175	%	
Central heating capacity decla temperature equivalent to 20°				Performance coefficient declared with indoor temperature equivalent to $20^{\circ}C$ and outdoor temperature T_J				
$T_i = -7$ °C	Pdh	7.5	kW	$T_i = -7 ^{\circ}\text{C}$	COPd	2.64	_	
$T_i = +2 ^{\circ}\text{C}$	Pdh	4.6	kW	$T_i = +2 ^{\circ}\text{C}$	COPd	4.17	-	
$T_i = +7 ^{\circ}\text{C}$	Pdh	2.9	kW	$T_i = +7 ^{\circ}\text{C}$	COPd	6.53	-	
$T_i = +12 ^{\circ}\text{C}$	Pdh	2.7	kW	$T_i = +12 ^{\circ}\text{C}$	COPd	8.87	-	
T_i = bivalent temperature	Pdh	7.5	kW	T_i = bivalent temperature	COPd	2.64	_	
T_j = temperature operating limit	Pdh	6.7	kW	T_j = temperature operating limit	COPd	2.32	-	
for air/water heat pumps: $T_j = -15$ °C (if TOL < -20 °C)	Pdh	-	kW	for air/water heat pumps: $T_j = -15$ °C (if TOL < -20 °C)	COPd	-	_	
Bivalent temperature	T_{biv}	-7	°C	for air/water heat pumps: tem- perature operating limit	TOL	-10	°C	
Central heating capacity cycle intervals	Pcych	-	kW	Cycle intervals efficiency	COPcyc or PERcyc	-	-	
Degradation coefficient	Cdh	0.9	_	Water heating temperature operating limit	WTOL	-	°C	
Different mode of energy consum	ption from the ac	tive mode		Additional heating appliance				
OFF mode	$P_{\scriptscriptstyle OFF}$	0.008	kW	Nominal heat output	Psup	-	kW	
Thermostat mode off	P_{TO}	0.021	kW					
Standby mode	$P_{\scriptscriptstyle SB}$	0.021	kW	Type of energy supply voltage	Electrical			
Guard heating mode	P_{CK}	0.000	kW					
Other items			<u> </u>		l			
Capacity control	Variable			For air/water heat pumps: nominal air output to outside	_	3960	m³/h	
Indoor/outdoor sound level	$L_{\scriptscriptstyle WA}$	64	dB	For water or brine/water heat				
Annual energy consumption	$Q_{{\scriptscriptstyle HE}}$	3949	kWh orGJ	pumps: nominal flow of brine or water, outdoor heat exchanger	_	-	m³/h	
For mixed central heating applian	ces with a heat pu	mp		•	1			
Stated load profile		XL		Water central heating energy efficiency	$\eta_{_{wh}}$	111	%	
Daily electrical power consumption	$Q_{ m elec}$	7.14	kWh	Daily fuel consumption	$Q_{\scriptscriptstyle fuel}$	-	kWh	
annual energy consumption	AEC	1511	kWh	Annual fuel consumption	AFC	-	GJ	
Contact information	IMMERGAS	S.p.A via C	isa Ligure n 95	- 42041 Brescello (RE) Italy	•		•	



Daily electrical power con-

annual energy consumption

Contact information

sumption

Average temperature table (47/55) average zones Model: Magis Pro 9 V2 + Super Trio Air/water heat pump: yes Water/water heat pump: no Brine/water heat pump: no Low temperature heat pump: no With additional central heating device: no Mixed central heating device with heat pump: yes The parameters are declared for average temperature application, except for low temperature heat pumps. The parameters for low temperature heat pumps are declared for low temperature application The parameters are declared for average climatic conditions Symbol Element Symbol Value Unit Element Value Unit Nominal Room central heating seakW 127 Nominal heat output 8.00 sonal energy efficiency output Central heating capacity declared with a partial load and indoor Performance coefficient declared with indoor temperature equivalent temperature equivalent to 20°C and outdoor temperature Tj to 20°C and outdoor temperature TJ $T_i = -7$ °C $T_i = -7$ °C PdhkW COPd7,1 1,76 $T_i = +2 \, ^{\circ}\text{C}$ $T_i = +2 \, ^{\circ}\text{C}$ COPd Pdh4,3 kW 3,32 $T_{i} = +7 \,{}^{\circ}\text{C}$ Pdh 2,8 $T_{i} = +7 \,{}^{\circ}\text{C}$ COPd4,62 kW Pdh COPd $T_i = +12 \,{}^{\circ}\text{C}$ 2,6 kW $T_i = +12 \,{}^{\circ}\text{C}$ 5,88 7,1 T_i = bivalent temperature Pdh kW T_i = bivalent temperature COPd1,76 T_i = temperature operating T_i = temperature operating Pdh 4,9 COPdkW1,35 for air/water heat pumps: for air/water heat pumps: Ti = -15 °C PdhkW $T_i = -15$ °C COPd (if TOL < - 20 °C) (if TOL < - 20 °C) for air/water heat pumps: tem--7 -10 °C Bivalent temperature °C TOL T_{biv} perature operating limit Central heating capacity cycle COPcyc or kW Pcych Cycle intervals efficiency PERcyc intervals Water heating temperature Degradation coefficient Cdh0,9 WTOL °C operating limit Different mode of energy consumption from the active mode Additional heating appliance kW OFF mode 0.022 kW Psup 2.00 Nominal heat output Thermostat mode off 0,022 kW P_{TO} Standby mode 0,022 kW Type of energy supply voltage integration Guard heating mode 0,000 kW Other items For air/water heat pumps: Variable Capacity control 3960 m³/h nominal air output to outside dΒ Indoor/outdoor sound level 64 L_{WA} For water or brine/water heat pumps: nominal flow of brine or m3/h kWh or 5103 Annual energy consumption Q_{HE} water, outdoor heat exchanger GJ For mixed central heating appliances with a heat pump Water central heating energy Stated load profile XL 111 η_{wh} efficiency



Daily fuel consumption

Annual fuel consumption

 Q_{fuel}

AFC

kWh

GJ

7.14

1511

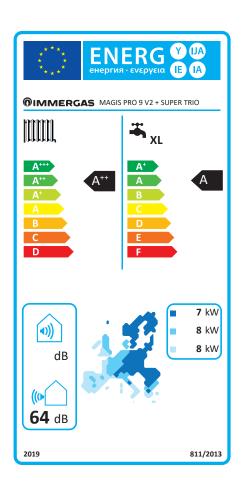
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 Q_{elec}

AEC

kWh

kWh



Model: Magis Pro 9 V2 + Omnistor 300													
For mixed central heating appliances with a heat pump													
Stated Load Profile	XL				Water central heating energy efficiency	η_{wh}	111	%					
Daily electrical power consumption	$Q_{ m elec}$	7.14	kWh		Daily fuel consumption	Q fuel	-	kWh					
Annual energy consumption	AEC	1511	kWh		Annual fuel consumption	AFC	-	GJ					
Standby Heat Loss		2.18	kWh /day		Reference hot water temperature	$ heta'_{WH}$	53.0	°C					
Volume of DHW accounted for in test		300	L		Water heating temperature operating limit	WTOL	65	°C					
Test data as per EN 16147:2017													
Contact information	ontact information IMMERGAS S.p.A via Cisa Ligure n.95 - 42041 Brescello (RE) Italy												

