## Model: Magis Pro 6 V2 + Omnistor 300

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 climatic conditions

Element	Symbol	Value	Unit		Element	Symbol	Value	Unit		
Nominal heat output	Nominal output	6	kW		Room central heating sea-sonal energy efficiency	$\eta_S$	180	%		
Central heating capacity declared with a partial load and indoor temperature equivalent to 20°C and outdoor temperature Tj				Performance coefficient declared with indoor temperature equivalent to $20^{\circ}$ C and outdoor temperature T <sub>J</sub>						
$T_j = -7 ^{\circ}\mathrm{C}$	Pdh	5.3	kW		$T_j = -7 ^{\circ}\mathrm{C}$	COPd	2.75	-		
$T_j = +2 ^{\circ}\mathrm{C}$	Pdh	3.2	kW		$T_j = +2 ^{\circ}\mathrm{C}$	COPd	4.5	-		
$T_j = +7 ^{\circ}\mathrm{C}$	Pdh	2.1	kW		$T_j = +7 ^{\circ}\mathrm{C}$	COPd	6.25	-		
$T_j = +12 ^{\circ}\text{C}$	Pdh	2.0	kW		$T_j = + 12 ^{\circ}\text{C}$	COPd	7.57	_		
$T_j$ = bivalent temperature	Pdh	5.3	kW		$T_j$ = bivalent temperature	COPd	2.75	-		
$T_j$ = temperature operating limit	Pdh	5.2	kW		$T_j$ = temperature operating limit	COPd	2.55	-		
for air/water heat pumps: $T_j = -15 \text{ °C}$ (if TOL < - 20 °C)	Pdh	-	kW		for air/water heat pumps: $T_j = -15 \text{ °C}$ (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 consumption from the active mode					Additional heating appliance					
OFF mode	P <sub>OFF</sub>	0.008	kW		Nominal heat output	Psup	-	kW		
Thermostat mode off	Рто	0.021	kW					•		
Standby mode	P <sub>SB</sub>	0.021	kW		Type of energy supply voltage Electrical			l		
Guard heating mode	Р <sub>СК</sub>	0.000	kW							
Other items										
Capacity control	Variable				For air/water heat pumps: nominal air output to outside	—	2580	m³/h		
Indoor/outdoor sound level	$L_{\scriptscriptstyle W\!A}$	60	dB		For water or brine/water heat pumps: nominal flow of brine or water, outdoor heat exchanger	_	-	m³/h		
Annual energy consumption	$Q_{\scriptscriptstyle HE}$	2705	kWh orGJ							
For mixed central heating appliances with a heat pump										
Stated load profile		L			Water central heating energy efficiency	$\eta_{_{wh}}$	121	%		
Daily electrical power con- sumption	$Q_{elec}$	4.11	kWh		Daily fuel consumption	$Q_{fuel}$	-	kWh		
annual energy consumption	AEC	846	kWh	1	Annual fuel consumption	AFC	-	GJ		
Contact information	ntact information IMMERGAS S.p.A via Cisa Ligure n.95 - 42041 Brescello (RE) Italy									

## **OIMMERGAS**

Model: Magis Pro 6 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

Element	Symbol	Value	Unit		Element	Symbol	Value	Unit			
Nominal heat output	Nominal output	6.00	kW		Room central heating sea- sonal energy efficiency	$\eta_s$	129	%			
Central heating capacity declared with a partial load and indoor temperature equivalent to 20°C and outdoor temperature Tj				Performance coefficient declared with indoor temperature equivalent to 20°C and outdoor temperature TJ							
$T_j = -7 ^{\circ}\mathrm{C}$	Pdh	5.3	kW		$T_j = -7 ^{\circ}\mathrm{C}$	COPd	2.00	-			
$T_j = +2 ^{\circ}\mathrm{C}$	Pdh	3.2	kW		$T_j = +2 ^{\circ}\mathrm{C}$	COPd	3.23	-			
$T_j = +7 \text{ °C}$	Pdh	2.1	kW		$T_j = +7 \text{ °C}$	COPd	4.47	-			
$T_{j} = + 12 ^{\circ}\text{C}$	Pdh	1.9	kW		$T_{j} = + 12 ^{\circ}\text{C}$	COPd	5.82	-			
$T_j$ = bivalent temperature	Pdh	5,3	kW		$T_j$ = bivalent temperature	COPd	2.00	-			
$T_j$ = temperature operating limit	Pdh	5.0	kW		$T_j$ = temperature operating limit	COPd	1.80	-			
for air/water heat pumps: Tj = -15  °C (if TOL < - 20 °C)	Pdh	-	kW		for air/water heat pumps: Tj = -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 consumption from the active mode				]	Additional heating appliance						
OFF mode	P <sub>OFF</sub>	0.022	kW		Nominal heat output	Psup	2.00	kW			
Thermostat mode off	P <sub>TO</sub>	0.022	kW								
Standby mode	P <sub>SB</sub>	0.022	kW		Type of energy supply voltage	integration					
Guard heating mode	Р <sub>СК</sub>	0.000	kW								
Other items											
Capacity control	Variable				For air/water heat pumps: nominal air output to outside	_	2580	m³/h			
Indoor/outdoor sound level	$L_{\scriptscriptstyle W\!A}$	60	dB		For water or brine/water heat						
Annual energy consumption	Q <sub>HE</sub>	3745	kWh or GJ		pumps: nominal flow of brine or water, outdoor heat exchanger	_	-	m³/h			
For mixed central heating appliances with a heat pump											
Stated load profile		L			Water central heating energy efficiency	$\eta_{_{wh}}$	121	%			
Daily electrical power con- sumption	Q <sub>elec</sub>	4.11	kWh		Daily fuel consumption	Q <sub>fuel</sub>	-	kWh			
annual energy consumption	AEC	849	kWh		Annual fuel consumption	AFC	-	GJ			
Contact information Immergas s.p.a via Cisa Ligure n.95											

## **OIMMERGAS**



Model: Magis Pro 6 V2 + Omnistor 300										
For mixed central heating appliances with a heat pump										
Stated Load Profile	L				Water central heating energy efficiency	$\eta_{\scriptscriptstyle wh}$	121	%		
Daily electrical power con- sumption	$Q_{\it elec}$	4.11	kWh		Daily fuel consumption	$Q_{fuel}$	-	kWh		
Annual energy consumption	AEC	849	kWh		Annual fuel consumption	AFC	-	GJ		
Standby Heat Loss		2.18	kWh /day		Reference hot water temperature	$ heta'_{WH}$	52.8	°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	IMMERGAS S.p.A via Cisa Ligure n.95 - 42041 Brescello (RE) Italy									

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