

ONE SYSTEM FOR ALL APPLICATIONS

ESTIA HI POWER 8



Symbol photo



Highlights

- Heating and cooling function
- Compressor control range 10 to 100%
- Operation without backup heating up to the standard outdoor temperature

Air/Water heat pumps in a split design for flow temperatures up to +60°C, in the power levels of 8 and 11 kW, for generating hot or cold water. Combination of outdoor unit and hydro unit for supplying all applications such as hot water tanks, fan coils, radiators, or underfloor heating.



Attractive and economical

- Very high energy efficiency (A++)
- COP efficiency up to 4.88
- Low investment, installation, and operating costs
- Exceptionally high efficiency in the partial load range
- Suitable for monovalent heating
- For heating and process water generation
- Can be connected to existing heating systems
- Reliable heating with an outdoor temperature down to -25°C
- Corresponds to the ECODSIGN Lot 1 Directive
- Master/Slave control for up to 8 ESTIA systems



Easy operation

- Control unit integrated into the hydro unit
- Additional remote control available
- Easy icon-guided operation
- Integrated 2-zone temperature control
- Automatic restart after power outage
- Weekly timer
- Frost protection function
- Hot water boost
- Night set-back function



Resource-friendly








- Inverter control minimizes electricity consumption
- Pre-filled with environmentally-friendly refrigerant R410A
- Air used as energy source in heating mode
- Unobtrusive design fits any interior
- Compact & quiet outdoor unit
- "Night operation" whisper operating mode



Technical details





- Direct current hybrid inverter technology
- Twin-rotary compressor
- Pipe lengths up to 30 m
- Flow temperature heating up to +60°C
- Six-stage A-class water pump

ESTIA HI POWER 8 / SET

hydro unit			HWS-P805XWHM3-E
outdoor unit			HWS-P805HR-E
Pipe dimension suction	mm (inch)		15,9 (5/8)
Pipe dimension liquid	mm (inch)		9,5 (3/8)
Energy label			A++
Energy label			A++
Heating capacity, nom. A+7/W+35	kW		8,00
Heating power consumption, nom. A+7/W+35	kW		1,66
Heating efficiency COP, nom. A+7/W+35	W/W		4,76
Heating capacity, max. A+2/W+35	kW		11,74
Heating power consumption, max. A+2/W+35	kW		3,56
Heating efficiency COP, max. A+2/W+35	W/W		3,30
Cooling capacity, nom. A+35/W+7	kW		10,00
Heating power consumption, nom. A+7/W+35	kW		3,33
Efficiency EER @ A+35/W+7 (nom.)	W/W		3,00
Starting current	A		Softstart
Flow temperature, heating	°C		20/60
Flow temperature, heating	°C		7/25
Backup heater, ele. capacity	kW		3
Backup heater, ele. connection	230V/50Hz/Ph		1
Backup heater, recommend fusing	A		16
Water pump	Type		Non-self-suction centrifugal pump
Water connection (inlet/outlet)	Inch		1 1/4

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Hydro unit			HWS-P805XWHM3-E
Dimensions (H/W/D)	mm		925 x 525 x 355
Weight	kg		49

Outdoor unit			HWS-P805HR-E
Dimensions (H/W/D)	mm		1340 x 900 x 320
Weight	kg		92
Sound pressure level (low/medium/high)	dB(A)		49
Sound pressure level (low/medium/high)	dB(A)		49
Sound power level	dB(A)		66
Sound power level	dB(A)		66
Compressor type			Twin Rotary
Outdoor unit power supply	V/Ph/Hz		220-230/1/50

 Cooling  Heating

The measuring conditions for this product can be found at <http://www.toshiba-klima.at/en/measuring-conditions.html>