TOSHIBA

ONE SYSTEM FOR ALL APPLICATIONS

Estia R410A 8

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 +55°C, in the power range of 5 to 16 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 4.90
- _ 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 -20°C
- Corresponds to the ECODESIGN Lot 1 Directive
- Master/Slave control for up to 8 ESTIA systems

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

ightarrow 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

Technical details

- Direct current hybrid inverter technology
- _ Twin-rotary compressor
- Pipe lengths up to 30 m
- Flow temperature heating up to +55°C
- Six-stage A-class water pump





TOSHIBA

Estia R410A 8 / SET

Decision query lockKW*8.00Venet consumption Q A7/W435 (room)KW1,79Venet consumption Q A7/W435 (room)WW4.46Venet consumption Q A7/W435 (room)WW*Power consumption Q A2/W435 (rook)KW*Power consumption Q A3/W47 (room)KW*Station quee pace lockKW*Control quee lockKW </th <th></th> <th></th> <th></th> <th></th>				
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Pre-charged up to m 30 Dimensions (HxWxD) mm 890 x 900 x 320	CO2 equivalent			3,758
mm 890 x 900 x 320	Pre-charged up to	m		
	Dimensions (HxWxD)	mm		890 x 900 x 320
	Weight	kg		

🗱 Cooling 🔶 Heating

TOSHIBA

Estia R410A 8 / SET

Indoor unit			HWS-805XWHT6-E
Supply water temperature (minmax.)	°C	*	20/55
Supply water temperature (minmax.)	°C	*	7/25
Compatible outdoor units			805
Backup heater, capacity	kW		6
Backup heater, connection	Ph+N		380-400/3/50
Backup heater, recommend fusing	А		2x 16
Water pump			Non-self-suction centrifugal pump
Water flow rate (min.)	m³/h		0,78
Water flow rate (nom.)	m³/h		1,374/1,032
Water pump, power consumption (max.)	kW		0,125
Water pump, energy efficiency class			А
Water pump, discharge head (max.)	m		6,3
Expansion vessel	l		12
Water connection (inlet/outlet)	Inch		1 1/4
Sound pressure level (low/med/high)	dB(A)	*	29
Sound pressure level (low/med/high)	dB(A)	*	29
Sound power level	dB(A)	*	41
Sound power level	dB(A)	*	41
Dimensions (HxWxD)	mm		925 x 525 x 355
Weight	kg		49

🏶 Cooling ` 🗮 Heating

The measuring conditions for this product can be found at https://www.toshiba-aircondition.com/en/measuring-conditions.html

