

Air water heater series **HC-3S 230V**

The HC-3S series water heater is designed for industrial facilities with a central heating installation. The device is equipped with an EPP casing (so-called expanded polypropylene), which makes it perfect for even difficult environmental conditions, e.g. in places with high humidity. An additional advantage of the EPP housing is the suppression of sounds resulting from the operation of the device, thus ensuring its quiet operation.



Place to use:

The HC-3S series air water heaters will successfully provide thermal comfort in such places as:

- production halls,
- storage rooms,
- commercial pavilions,
- car repair shops,
- garages,
- greenhouses.



Device features:

- quiet and reliable operation,
- environmentally friendly and durable EPP casing,
- 3 speed fan motor,
- easy to assemble,
- modern design,
- automation dedicated to the device.



AVAILABLE VARIANTS

AIR WATER HEATER WITH 360° DIFFUSER



A specially designed overlay allows the air to flow in the range of 360 degrees - it makes the air rotate, and thus ensures its better mixing.

AIR WATER HEATER WITH CONFUSER



The use of a confuser increases the air outlet velocity and, consequently, the range of the heater.

	UNIT	HC20-3S	HC30-3S	HC35-3S	HC45-3S	HC50-3S	HC70-3S	HC80-3S
PRODUCT CODE		WHHC20-3S-1759	WHHC30-3S-1760	WHHC35-3S-1761	WHHC45-3S-1762	WHHC50-3S-2006	WHHC70-3S-1764	WHHC80-3S-1956
NOMINAL HEATING CAPACITY	kW* 3 stage/ 2 stage/ 1stage	21,4 17,3 13,3	26,4 20,3 15,5	30,3 22,9 17,3	42,0 28,9 21,1	49,8 45,2 34,6	60,6 40,1 32,7	69,2 61,5 46,5
HEATING CAPACITIES RANGE	kW**	1,55 – 28,4	1,8 – 34,9	2,14 – 40,1	3,21 – 55,6	5,00 – 65,8	5,0 – 80,1	6,96 – 91,5
MAXIMUM AIRFLOW	m ³ /h 3 stage/ 2 stage/ 1stage	3200 2150 1350	3100 1950 1250	2700 1700 1100	2500 1450 950	5000 4200 2600	3400 1900 1450	4200 3500 2300
MAXIMUM ISOTHERMAL STREAM RANGE	m	19	18	15	14	24	18	21
NUMBER OF ROWS	pcs.	1	1	2	2	2	3	3
WATER CAPACITY	dm ³	0,65	0,8	1,35	1,7	1,95	2,85	2,85
MAXIMUM TEMPERATURE OF HEATING FLUID	°C	120	120	120	120	120	120	120
MAXIMUM PRESSURE OF HEATING FLUID	MPa	1,6	1,6	1,6	1,6	1,6	1,6	1,6
CONNECTORS DIAMETER	cal	3/4	3/4	3/4	3/4	3/4	3/4	3/4
VOLTAGE / FREQUENCY	V/ Hz	230/50	230/50	230/50	230/50	230/50	230/50	230/50
NOMINAL MOTOR CURRENT	A 3 stage/ 2 stage/ 1stage	0,84 0,65 0,54	0,84 0,65 0,54	0,84 0,65 0,54	0,84 0,65 0,54	2,20 1,70 1,50	1,08 0,86 0,70	2,20 1,70 1,50
NOMINAL MOTOR SPEED	rpm 3 stage/ 2 stage/ 1stage	1400 1050 750	1400 1050 750	1400 1050 750	1400 1050 750	1350 1200 750	1360 1050 750	1350 1200 750
NOMINAL MOTOR POWER	W 3 stage/ 2 stage/ 1stage	190 150 120	190 150 120	190 150 120	190 150 120	480 350 280	240 190 160	480 350 280
IP PROTECTION RATING OF MOTOR	-	54	54	54	54	54	54	54
NET WEIGHT	kg	11,5	12	12,5	14	20,5	19,5	22,5
NOISE	dB*** 3 stage/ 2 stage/ 1stage	55 49 47	55 49 47	54 48 46	54 48 46	62 57 51	58 53 49	61 56 51

* for the parameters 90/70 °C and the inlet air temperature 0 °C

** the max. capacity for 120/90 °C, 0 °C the inlet air temperature, 3rd stage // the min. capacity for 40/30 °C, 20 °C the inlet air temperature, 1st stage

*** the measurement at the distance of 5 m from the device



Full technical documentation is available on our website.

www.reventongroup.eu



SETS

AIR WATER HEATERS series HC

HC MINI SET



Air water heater HC

(HC20-3S, HC30-3S, HC35-3S, HC45-3S,
HC50-3S, HC70-3S, HC80-3S)

Rotary console

HC STANDARD SET



Air water heater HC

(HC20-3S, HC30-3S, HC35-3S, HC45-3S,
HC50-3S, HC70-3S, HC80-3S)

Rotary console

3-stage speed controller with
HC3S thermostat

HC PRESTIGE SET



Air water heater HC

(HC20-3S, HC30-3S, HC35-3S, HC45-3S,
HC50-3S, HC70-3S, HC80-3S)

Rotary console

HMI programmable controller