



Check our pricing



Technical
documentation

LPHW unit heater HC-EC

HEATING CAPACITY RANGE: **1,97 kW - 88,9 kW**



Ceiling
or wall-
mounted



Heating
function



Cooling
function



Air
circulation



EPP casing



230V
Power
supply



IP
54
rating



EC motor



Axial fan



Compatible
with
heat pumps



3R
3-row heat
exchanger



2R
2-row heat
exchanger



1R
1-row heat
exchanger



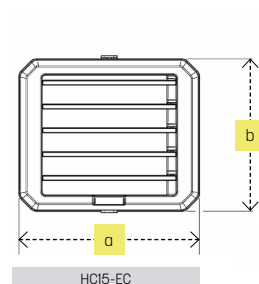
The HC-EC low-pressure hot water unit heaters are designed for heating and cooling industrial and commercial spaces, such as production halls, warehouses, workshops and service areas. The units must be supplied with a flow of low-pressure hot water to allow heat transfer from the exchanger to the designated area. They can also be supplied with cold water to lower the temperature in the facility, or simply circulate the air. The devices combine high-efficiency and energy-saving EC motor technology.

KEY FEATURES

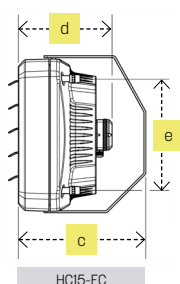
- Heating capacity ranges from 1,97 kW to 88,9 kW
- Cooling capacity ranges from 1,9 kW to 20,1 kW
- Airflow ranges from 750 m³/h to 4 800 m³/h
- Energy-efficient EC motor with 0-100% speed control
- Motor with an IP54 rating
- EPP housing
- ABS air louvres (optional 360° diffuser or confusor versions)
- Manufactured in Poland



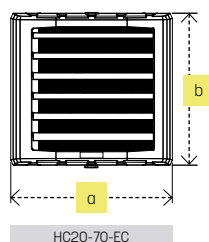
PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE kW	COOLING CAPACITY RANGE kW	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
HC15-EC	WHHC15-EC-2424	2,00 - 28,2	3,2 - 8,6	2 000	230/50	150	11	63
HC20-EC	WHHC20-EC-1985	1,97 - 33,7	1,9 - 4,6	4 600	230/50	500	13	60
HC30-EC	WHHC30-EC-1986	2,36 - 41,5	2,4 - 6,1	4 300	230/50	500	13	59
HC35-EC	WHHC35-EC-1987	2,88 - 49,0	3,5 - 7,7	4 000	230/50	500	14,5	58
HC45-EC	WHHC45-EC-1988	4,54 - 66,7	7,3 - 12,1	3 400	230/50	500	14,5	58
HC50-EC	WHHC50-EC-1989	4,36 - 64,1	6,0 - 10,6	4 800	230/50	430	20	59
HC70-EC	WHHC70-EC-1990	5,93 - 88,9	9,0 - 20,1	4 000	230/50	430	21	58



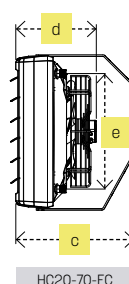
HC15-EC



HC15-EC



HC20-70-EC



HC20-70-EC

HC 15

a. 570 mm
b. 480 mm
c. 401 mm
d. 350±3 mm
e. 295 mm

HC 20-45

a. 635 mm
b. 600 mm
c. 465 mm
d. 455±3 mm
e. 320 mm

HC 50-70

a. 739 mm
b. 699 mm
c. 532 mm
d. 550±3 mm
e. 345 mm

LPHW unit heaters HC-EC								
PRODUCT NAME	PRODUCT CODE	HC15-EC	HC20-EC	HC30-EC	HC35-EC	HC45-EC	HC50-EC	HC70-EC
EC potentiometer	PEC-2444	1	1	1	1	1	1	1
Programmable controller HMI EC BMS	HMI EC-1997	8	8	8	8	8	8	8
Manual thermostat HC	RTHC-1523	2	*4 with RM-16A	*4 with RM-16A	*4 with RM-16A	*4 with RM-16A	1	1
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1	1	1	1	1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1	1	1	1	1	1
Maintenance switch MS 230V	MS230-2419	15	6	6	6	6	6	6
* without RM-16A it is unable to connect								

ACCESSORIES

PRODUCT NAME	PRODUCT CODE	HC-3S	HC-EC	HC3P	S-3S	EHU-3S	FARMER HCF	FARMER OPENAIR
Mixing chamber MC HC20-45	MCHC2045-1782	•	•					
Mixing chamber MC HC50-80	MCHC5080-2016	•	•				•	
Confusor		•	•	•			•	
Rotating mounting bracket FARMER OpenAir	RHFO-2044							•
Rotating mounting bracket EHU 14	RHHU14-2504					•		
Rotating mounting bracket HC15	RHHC15-2429	•	•					
Rotating mounting bracket HC20-45	RHHC2045-1518	•	•	•				
Rotating mounting bracket HC50-80, FARMER	RHHC5080-2015	•	•	•			•	
Rotating mounting bracket S1	RHS1-1755				•			
Rotating mounting bracket S2, S3	RHS2S3-1756				•			
Rotating mounting bracket S4	RHS4-1757				•			
Diffuser 360°		•	•	•			•	
Horizontal diffuser	HDFO-2045							•
HC 3/4" flexible hoses (2pcs)	FHHC-1525	•	•	•	•		•	•
Drip tray HC15	DTFHC15-2428	•	•					
Drip tray HC20-45	DTFWHHC2045	•	•	•				
Drip tray HC50-80	DTFWHHC5080	•	•	•			•	
Drip tray FARMER OpenAir	DTFOA-2449							•
Mounting brackets S-3S	HS1234F-1754				•			
Z type suspension bracket	SB-2029	•	•	•	•	•	•	•