AQ Heater Jacket

Possibility to regulate the temperature of a filter

■ Aseptic Design

AQ Heater Jacket is designed to meet the pharmaceutical and process industry's severe demands on cleanliness, finish and function.

It is made of acid-proof stainless steel and heat-stabilized plastic.

■ Several areas of usage

AQ Heater Jacket is used when there is a need to increase the temperature of a filter. By increasing the temperature the risk of condensation and microorganism growth inside the filter is reduced.

Other areas of usage are to avoid:

- **Condensation**
- **Viscosity problems**
- **Crystalisation**

■ Reliable and flexible

AQ Heater Jacket is placed over the filterhouse and the cable is connected to the Control unit.

The heating element is controlled by the regulator in the control unit. The regulator simuntaneously shows both the set temperature and the current temperature with high accuracy. The temperature can be adjusted up to maximum 130°C.

The Control unit also provides high and low temperature alarms which activates when the current temperature deviates more than 5°C from the set temperature.

The Control unit can also be equipped with a communication port for logging data.

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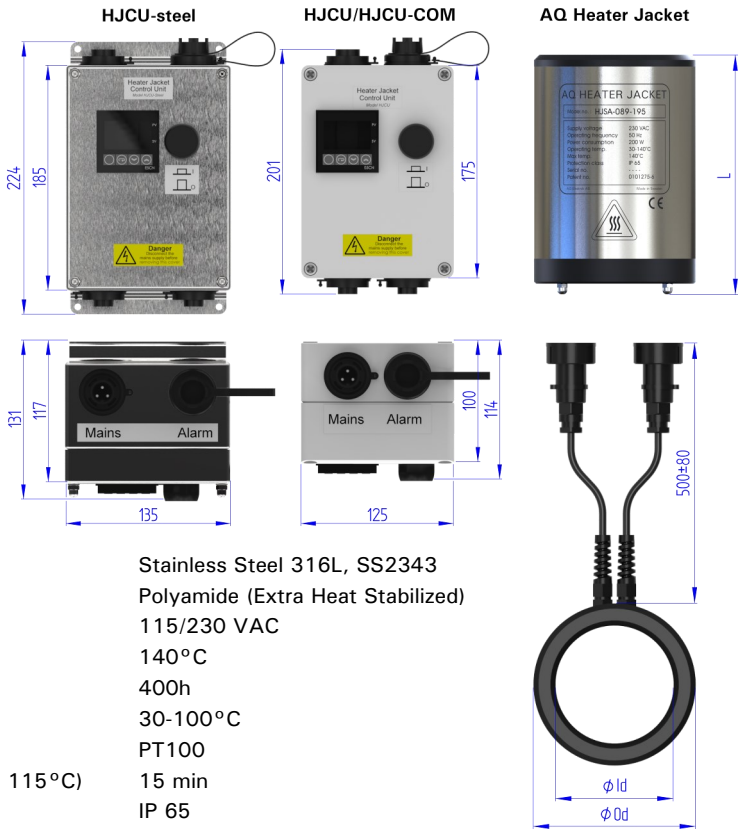

AQ Heater Jacket

Heater Jacket steel material	Stainless Steel 316L, SS2343
Heater Jacket plastic material	Polyamide (Extra Heat Stabilized)
Supply voltage	115/230 VAC
Maximum temperature	140°C
Maximum operating time at 140°C	400h
Normal working temperature	30-100°C
Temperature sensor	PT100
Heating time with filter (from 25°C to 115°C)	15 min
Encapsulating class	IP 65
Heater Jacket patent no.	0101275-6
Cable length	0,5 m x 2

Filter type	Article number	Voltage	L	Ø Od	Ø Id	Power
Pall Advanta 20"	HJSA089-572	230V	572mm	123 mm	89 mm	800W
Pall Advanta 10"	HJSA089-318	230V	318mm	123 mm	89 mm	400W
Pall Advanta 10"	HJSB089-318	115V	318mm	123 mm	89 mm	400W
Pall Advanta 5"	HJSA089-185	230V	185mm	123 mm	89 mm	200W
Pall Advanta 5"	HJSB089-185	115V	185mm	123 mm	89 mm	200W
Pall Junior 440	HJSA073-130	230V	130mm	107 mm	73 mm	150W
Pall Junior 440	HJSB073-130	115V	130mm	107 mm	73 mm	150W
Sartorius Std 20"	HJSA101-555	230V	555 mm	136 mm	102 mm	800W
Sartorius Std 10"	HJSA101-302	230V	302 mm	136 mm	102 mm	400W
Sartorius Std 5"	HJSA101-162	230V	162 mm	136 mm	102 mm	200W
Sartorius mini 5"	HJSA076-136	230V	136 mm	110 mm	76 mm	150W
Millipore Series 3000 10"	HJSA104-302	230V	302 mm	138 mm	104 mm	400W
Millipore Series 3000 10"	HJSB104-302	115V	302 mm	138 mm	104 mm	400W
Millipore Series 3000 5"	HJSA104-179	230V	179 mm	138 mm	104 mm	200W
Millipore Series 3000 5"	HJSB104-179	115V	179 mm	138 mm	104 mm	200W

Control Unit

Article number	HJCU
Encapsling material	PC
Supply voltage	115/230 VAC
Output voltage	115/230 VAC
Encapsulating class	IP 65
Operating temperature	+5°C-40°C
Alarm exits	Normaly closed (NC)(max load, 250V AC 1A)
Temperature regulator	Omron E5CN-Q2MT-500
Maximum temperature value	130°C
Extension cables included	2,5 m x 2
Option	Comunication port, RS485. Article number HJCU-COM

AQ Heater Jacket is CE approved and constructed after UL and CSA requirements.

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WE ARE RELIABLE