

ACCUHEAT

PFA



PFA SOLVENT HEATERS

IMTEC Acculine

49036 Milmont Dr
Fremont, CA 94538

Tel: 510-770-1800

Email: sales@imtecacculine.com

Website: www.imtecacculine.com

IMTEC™

PFA SOLVENT HEATER

ACCUHEAT PFA Solvent

For heating Solvents such as IPA (Isopropyl alcohol), NMP, and much more. IMTEC introduces the high-purity ACCUHEAT PFA Solvent inline heater.

This inline heater is designed to safely heat volatile flammable solvents while maintaining a high purity flow path. Equipped with multiple safety devices this inline heater is certified for operation within a **Class I, Division II environment**. Single pass or recirculating, this heater is ready to deliver stable fluid temperatures over a range of flow rates.

For over 45 years, IMTEC has been setting the standard for high purity chemical heating and understands the critical needs of the Semiconductor and related industries. The sum of that knowledge has been incorporated into the ACCUHEAT PFA Solvent In-line heater to create a product that not only performs, but simplifies installation and maintenance.

Exemplified by our long-standing ISO 9001 registration, our dedication to manufacturing process control assures that our customers receive uniformly high-quality products in a timely manner.

IMTEC offers a wide range of standard and custom models to allow for easy integration into almost any application.

Unsurpassed Reliability

It's not easy making heating systems that operate in harsh environments, but that has been IMTEC's business for over 45 years. Here are just a few design features that make the ACCUHEAT so reliable.

- Heavy gauge pre-formed Inconel element can stand up to high stress conditions without breaking down
- Power modulator monitors core temperature and prevents heat buildup inside the housing
- Sealed housing prevents chemistry from attacking internal components
- All wiring is run in conduit to prevent chemical attack
- Indirect heating, no immersed heater elements
- Continuous internal fluid path, no O-Rings

Features & Benefits

- Stainless Steel grounded housing
- All wetted surfaces are high purity PFA
- Wiring shielded with grounded conduit
- Maximized watt density for performance
- Small foot print enabled by unique design
- Zero maintenance required
- PFA fluid path, wide solvent compatibility
- N2 housing purge provides inert environment
- Redundant Over-Temperature Devices



Sizes & Specifications

Wattages: 1.5Kw to 12Kw

Voltage: 200 to 400VAC

Sensors: 2 T/Cs, 1 Over-Temp Switch

Mounting: Horizontal or Vertical

Max. Fluid Temperature: 80°C

Max Pressure: 40PSI @ 80°C

Plumbing Connections: 3/4" Fit-One or S300 Pillar

N2 Ports: Inlet, Outlet, Pressure Monitor

Warranty: 12 Months

Meets Requirements of: Semi S2 & S3

Equipment Marking:

II 3G Ex pzc IIC T2 Gc

Ex pzc IIC T2 Gc

IECEX ETL 19.0027U ITS19ATEX104872U

Certified to:

IECEX Standards: IEC 60079-0:2017

IEC 60079-2:2014

IEC 61010-1, IEC 61010-2-10,

UL 499 & CSA 22.2 No.88

ATEX Standards: EN 60079-0:2018

EN 60079-2:2014/AC:2015

USA/CAN Standards: NFPA 496:2016 Ed.2017

UL 60079-0:2019 Ed.7

UL 60079-2:2017 Ed.6

CSA C22.2 No. 60079-0:2019 Ed.4

CSA C22.2 No. 60079-2:2016 Ed.2

USA – Class 1, Division 2, Group A, B, C,

AND D, Type Z; T2

Class 1, Zone 2, Aex pzc IIC T2 Gc

CAN – Ex pzc IIC T2 Gc

