

## Anhydro Spin Flash Type SFD 47

Small Scale

The Anhydro spin flash dryer type SFD 47 is a small-scale plant designed for continuous drying of viscous pastes, slurries and filter cakes and it is an economical drying process compared to e.g. spray drying. It is suitable for scientific test work, industrial R&D as well as small scale production.

The design of the Anhydro spin flash dryer type SFD 47 is based on a unique drying concept developed and patented by SPX and it is delivered as a complete standardised unit.

### Equipment Supply for a Basic Plant

- Feed vat with agitator
- Feed screw
- Air intake filter, electrical heater for main air, and hot air duct
- Drying chamber with classifier
- Cyclone with powder container
- Fan and ducts
- Control panel with PLC and color touch screen
- Support structure

### Optional Equipment

- Data-logging facility
- Bag filter
- Liquid feed system
- Additional powder container



### Other Version

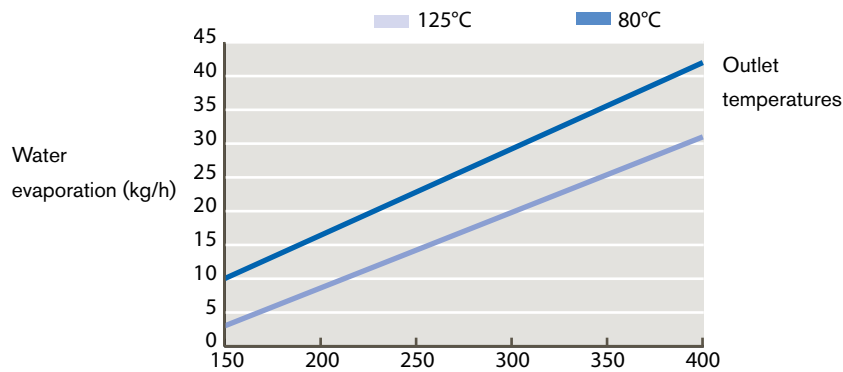
- Closed circuit

ANHYDRO SFD 47	
POWER SUPPLY	3x400 V OR 3x230 V
ELECTRICAL AIR HEATER	36 kW
SUCTION FAN	2.7 kW
CHAMBER ROTOR	1.1 kW
FEED SCREW	0.55 kW
FEED VAT AGITATOR	0.55 kW
MAX. WATER EVAPORATION RATE	40 KG/H
MAX. AIR INLET TEMPERATURE	335°C
AIR FLOW, CONTROLLED	400 KG/H
PRESSURE SHOCK RESISTANCE	10 BAR (G)

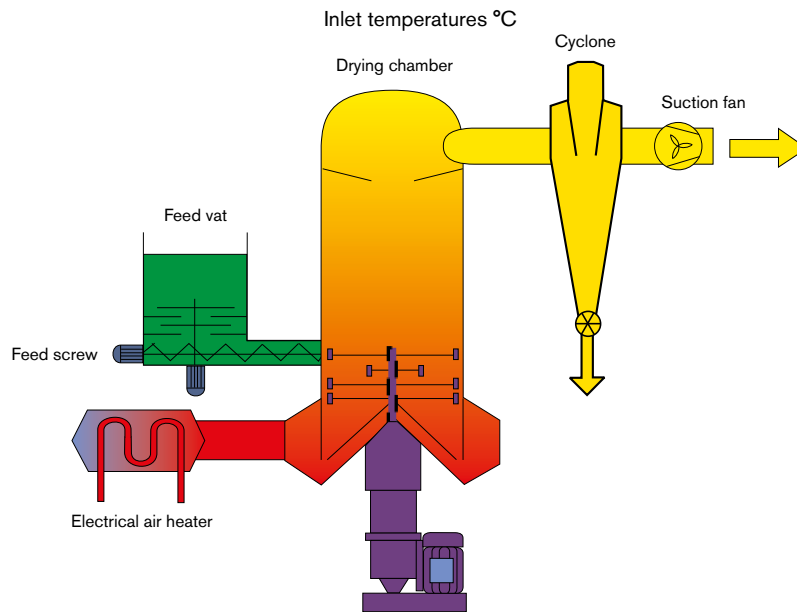
ANHYDRO SFD 47	
NOISE EMISSION*	85 dB (A)
PRODUCT CONTACTING PARTS	AISI 316
NON-PRODUCT CONTACTING SURFACES	AISI 304
FLOOR SPACE (LxW)	1.9x1.4 M
HEIGHT, BASIC PLANT	1.7 M
RECOMMENDED FREE HEIGHT	2.0 M
SHIPPING VOLUME*	6.0 M <sup>3</sup>
WEIGHT, GROSS*	800 KG
WEIGHT, NET*	450 KG

\* Approximately

The spin flash dryer SFD 47 complies with regulations and standards according to CE, and ISO 9001.



Process flow



Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit [www.spxflow.com](http://www.spxflow.com)



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