

JHAF Heated Hose with Integrated Filter



JCT

Analysentechnik
GmbH

Gas Sampling
Probes

Heated Sample Lines

Sample Gas
Coolers

Gas
Converters

Accessories



APPLICATION

- For extractive gas analysis
- For emission and process monitoring
- Feeds sample gas unchanged from sample point to sample gas conditioner / analyser
- In combination with portable analysers

BENEFITS

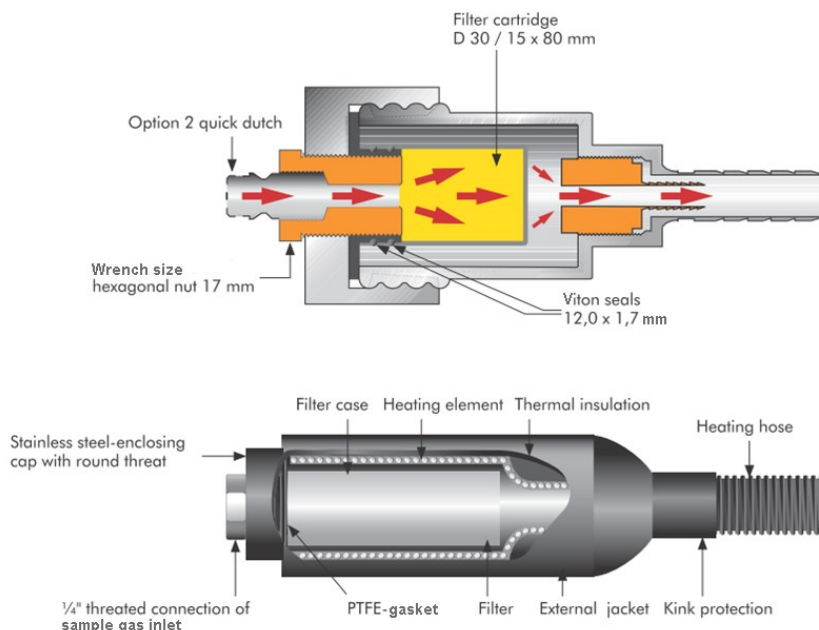
- Lowweight and flexible design
- Flexible outer protection
- Variety of end configurations

FEATURES

- Heated filter element may be integrated in all heated hoses from JCT
- Operating temperature max. 200°C
- Filter housing of SS 316 Ti
- Filter elements of bonded silicone carbid (5 or 20 µm)
- Temperature control with HTI-controller is recommended
- With fixed or replaceable inner core
- Calibration core (Option)



TECHNICAL DATA



SPECIFICATIONS	
Operating temperature	Max. 200°C
Max. operating pressure	10 bar
Ambient temperature	-40°C...+120°C
Application	Mobile and fixed installation indoor and outdoor
Inner core	PTFE; Option: PFA
Filter housing Option	30/15x80 mm SS 316Ti Hasteloy, PTFE coating
Filter element Option	Bonded silicon carbide, Pore size 5 µm Pore size 20 µm
Heating wire	Construction according to DIN, protected against humidity, with braided protection
Thermal insulation	Close pore, waterproof silicone hose, thermally stabilised
External jacket	PA braid, black PA corrugated hose
End configuration	Hard caps or silicone caps

ACCESSORIES FOR CONNECTION TO SAMPLING PROBE

Part No.	Description
35.00970	PG 42 fitting
35.00980	Mounting clamp (35...50 mm)

SPECIFICATIONS	
Power cord	Length 3 m with 7-pin connector
Connector type	7-pin connector for connection of temperature controller HT43 and HT55 Option: HANQ8-connector for connection of temperature control- ler HT41
Power supply	230 VAC or 115 VAC
Power consumption	100 W/meter
Length	max. 50 m
Outer diameter Non replaceable core	DN 4/6 mm: 32 mm +/- 3 mm DN 6/8 mm: 42 mm +/- 3 mm
Replaceable core	DN 4/6 mm: 42 mm +/- 3 mm DN 6/8 mm: 48 mm +/- 3 mm
Minimum bending radius JH3FG / JH3FGR	DN 4/6 mm: 50 mm / 100 mm DN 6/8 mm: 75 mm / 120 mm

CONSUMABLE PARTS

Part No.	Description
68.90005	Filter element bonded SiC, 5 µm, 30/15 x 80 mm
68.90010	Filter element bonded SiC, 20 µm, 30/15 x 80 mm
68.90050	Filter support for filter 30/15 x 80 mm
68.90055	Gasket for filter element, 200°C, Viton® (FKM)

Specification subject to change without notice.

PDS_E_HH_JHAF_v2.0

JCT Analysetechnik GmbH

Werner Heisenberg-Straße 4 A-2700 Wiener Neustadt
Tel. +43 (0) 2622 / 87201 Fax +43 (0) 2622 / 872011
E-Mail: sales@jct.at Web: www.jct.at

