



## Technical datasheet

### Super Critical Carbon Dioxide Flushing Unit" SCCO2 BFU"

IKM OT ID 9000-551

#### Introduction

The new generation of SCCO2 flushing units is now available and ready to clean a broad variety of different fluid/ gas -transferring systems. The patented SCCO2 flushing technology makes it possible to reach cleanliness levels higher than with any other currently available technologies on the market.

Furthermore, the flushing unit can flush long and narrow (ID: 2-12 mm) pipes even on distances of up to 36 km, maybe even longer.

To de-contaminate systems where no other method, such as conventional oil flushing, is efficient, SCCO2 flushing is the right solution to achieve a high level of cleanliness.



#### Features

- Kill bacteria growth within system.
- Capable of achieving NAS 1638 class 3/ISO 4407 class 12/9.
- ATEX Zone 1 & 2.
- Condition monitoring.
- Combines with Separator unit (SCCO2 HSU).

#### Capacity & performance

System media	Carbon Dioxide (CO2)
Cirk. Flow	50-180 L/H
In/Out conection	9/16" Autoclave
Heater	400V 16 A, 5,5 kW
Max system temp. / pressure [°c/Bar]	120/1000
Air drive pressure	0,2-10 bar
Air consumption	2x144 m <sup>3</sup> /hr

#### Safety features

- Pressure safety valves and burst discs installed.
- Surveillance components installed to monitor system conditions.
- Enclosed unit, stainless steel plates protect equipment and personnel.
- High quality components, SS316.

#### Weight & dimensions

Length	1716 mm
Width	850 mm
Height	1658 mm
Gross Weight	850 kg