



IKM Ocean Team AS

Technical datasheet

SCCO2 Chiller unit

OTS ID 9000-553

Introduction

The primary function of the SCCO2 chiller is to ensure sufficient cooling effect to be transferred to the CO2 volume tank on the SCCO2 BFU
S.No.: 9000-551 or 9000-563.

The unit is suitable to use in an ATEX Zone 2 area.



Features

- Auto run mode
- ATEX Zone 2.
- Combines with Separator unit (SCCO2 BFU).
- Cooling external CO2 vol. tank to -10°C

Capacity & performance

| | |
|--------------------------|-----------------|
| ATEX Operation limits: | -20 to + 60°C |
| Design ambient temp.: | 0 to + 50°C |
| Evaporating temp.: | -17°C |
| Condensing.: temp | + 60°C |
| Nominal cooling duty: | 400V, 32A, 7 KW |
| Refrigerant: | R134A |
| Water Temperature Range: | Setpoint - 10°C |

Safety features

- Surveillance components installed to monitor system conditions.
- Enclosed unit
- High quality components, SS316.

Weight & dimensions

| | |
|--------------|---------|
| Length | 1700 mm |
| Width | 1000 mm |
| Height | 1724mm |
| Gross Weight | 740 kg |