



• Art. No. 186161
With the carbon dioxide filling unit CFA 3 you can fill CO₂ fire extinguishers or CO₂ cylinders up to 50 kg.

CFA 3 Carbon dioxide filling unit Economic high performer

STRENGTHS AT A GLANCE

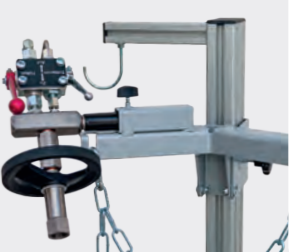
- HIGH FILLING POWER, SHORT SET-UP TIMES
- LOW-WEAR AND LOW-MAINTENANCE
- FILLING MACHINE FOR FILLING FROM THE LIQUID PHASE
- HIGH FLEXIBILITY THROUGH MODULAR DESIGN



• The carbon dioxide filling unit CFA 3 can accurately and economically fill CO₂ fire extinguishers or CO₂ cylinders up to 50 kg to weight thanks to short set-up times and rapid working speeds. The system has a low rate of wear and is low-maintenance.



• The filling armature of the CFA 3 has one filling and one release ball valve and can be attached to the CO₂ cylinder as well as to the scales platform as necessary.



• The floor scales platform for CO₂ cylinders up to 50 kg is part of the system. Cylinder holder, filling armature and high pressure hose are included. The weighing range is from 0 to 150 kg.

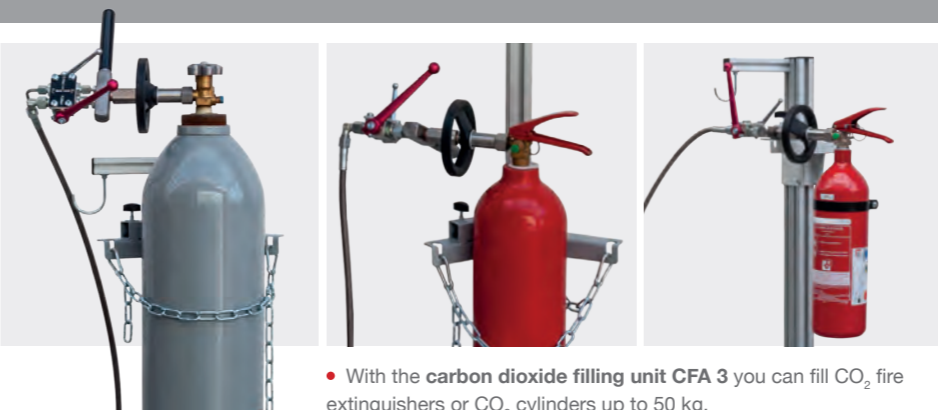


Our carbon dioxide filling unit CFA 3 is specifically designed for filling CO₂ fire extinguishers or CO₂ cylinders from a medium pressure tank with an operating pressure of approx. 50 bar. The high-grade steel filter at the system inlet protects the pump from impurities from the CO₂ tank.

- The speed regulation enables the optimisation of the filling speed for different container sizes.

Fast and accurate

The CFA 3 operates very accurately in terms of weight and is cost-effective, as set-up times are short and work cycles are fast. The system also has a low rate of wear and is low-maintenance. The CFA 3 has a digital scales with automatic cut-off and is supplied with a cylinder holder and an access ramp. For filling, the CO₂ container is placed on the scales platform and secured after which the filling device is connected. After you have programmed the filling weight, open the cylinder valve and the filling armature and start the system.



• With the carbon dioxide filling unit CFA 3 you can fill CO₂ fire extinguishers or CO₂ cylinders up to 50 kg.

Optimal result

You can monitor the basic CO₂ pressure, the filling pressure and the filling weight at the control desk and adjust the optimal filling speed with the speed regulation. The filling process ends automatically as soon as the programmed filling weight is reached.

TECHNICAL DATA

CFA 3

(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

Art.-No. 186161



Electric motor: 400 V, 50 Hz, 2.2 kW, 1400 min⁻¹. Special voltages and other frequencies on request. Electric cable feed line: 5 m cable feed line H07RN-F 5 G 1.5 mm², oil and acid resistant. Filling power: max. 6.5 kg/min, continuously adjustable. Cut-off pressure: 130 bar. Mech. safety valves: 2 x 150 bar. Freely programmable electronic floor scales.

Dimensions:

Control stand: Height [mm]: 1190, width [mm]: 895, depth [mm]: 620. Weight [kg]: 153.
Floor scales with access ramp: Height [mm]: 1390, width [mm]: 635, depth [mm]: 590.
Weight [kg]: 44.
Colour: RAL 7032 pebble grey.
IP rate: IP54



AVAILABLE ACCESSORIES

CFA Carbon dioxide filling unit

PHOTO SHOWS OPTIONS AND ACCESSORIES AT EXTRA CHARGE



1 Art.-No. 186330

Holder and collective line

Cylinder holder for a CO₂ supply cylinder

2 Art.-No. 186106

Collective line

Collective line for 2 CO₂ supply cylinders with riser pipe. Available with up to 6 connections

3 Art.-No. 186108

Flange attachments

Flange attachment for filling CO₂ cartridges, suitable for filling head F1B (please specify make and type of the fire extinguisher)

4 Art.-No. 186105

Closing devices

Closing devices for different CO₂ cartridges suitable for filling head F1B and F1M (please specify make and type of fire extinguisher)

5 Art.-No. 186114

Flange attachmentse

Flange attachment for filling CO₂ cartridges, suitable for filling head F1M (please specify make and type of the fire extinguisher)

6 Art.-No. 186171

Switchgear unit

Switchgear unit for the selection of 3 freely programmable cut-off weights

7 Art.-No. 187217

Quick action filling connector

Quick action filling connector with filling and release ball valve

8 Art.-No. 187275

Thermal transfer printer

As an option, a thermal transfer printer for PE film labels can be attached to the machine. The printed label contains the date, time, weight (tare, net and gross) as well as an identifier of the filler

9 Art.-No. 186915

Flatbed floor scales

Flatbed floor scales for CO₂ cylinders up to 50 kg, including filling armature, high pressure hose

10 Art.-No. 186670

Digital floor scales

Digital floor scales with automatic deactivation weighing range: 0 - 60 kg, for CO₂ cylinders up to 20 kg. (without cylinder) Art. No. 186677 (calibrated)

11 Art.-No. 186155

Supplementary Unit Digital II

Supplementary unit Digital II with automatically deactivating scales and filling head F1B for interior CO₂ cartridges

12 Art.-No. 186158

Floor - weighing platform for CO₂ cylinders up to 20 kg

13 Art.-No. 186331

Worktable (not pictured)

14 Art.-No. 186333

Tool board for worktable (not pictured)

