

MFS II MINI - FUEL - STATION

MODULAR EXTENDABLE - SYSTEM

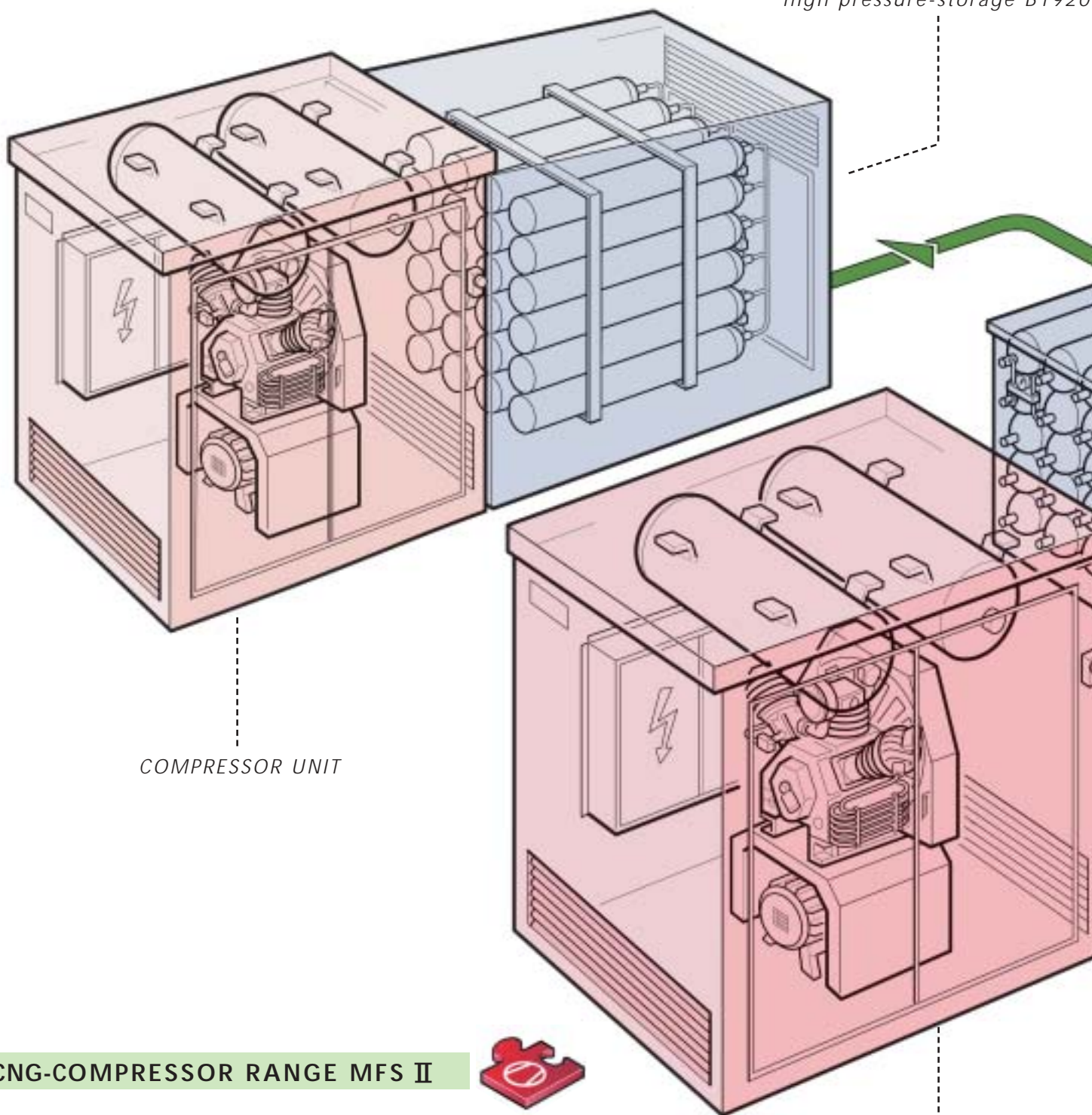


FAST FILL

THE CNG - REFUELLING SYSTEM

GROWS ACC. TO YOUR DEMAND

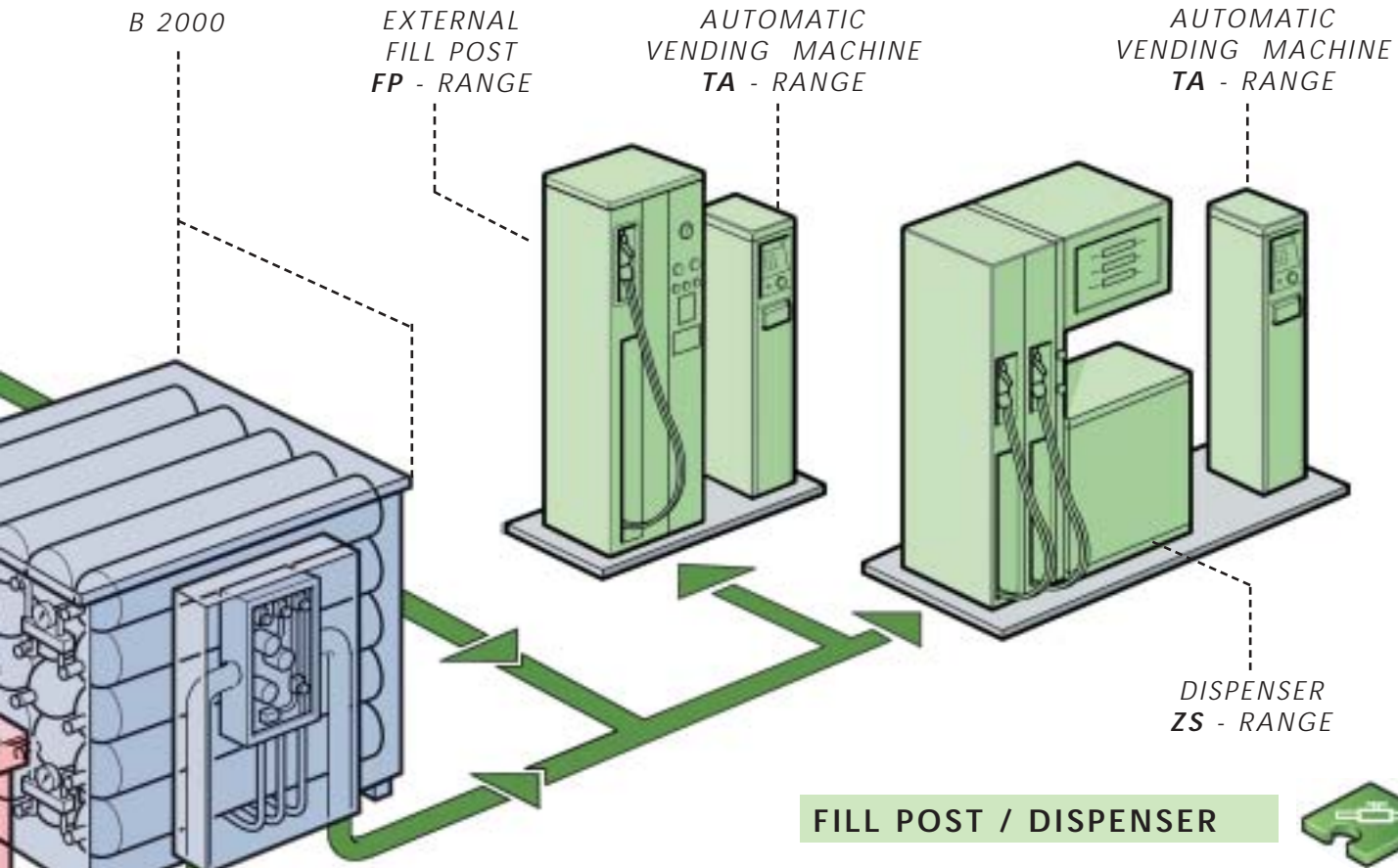
optional: Concrete enclosure for high pressure-storage B1920



CNG-COMPRESSOR RANGE MFS II

Model:	Gas intake pressure range	Free gas delivery (1013 mbar / 20° C)
MFS 150 -13 - 2	10 - 300 mbar _ü 0,2 - 5 psig	32 - 41 m ³ /h 18,8 - 24,1 scfm
MFS 15.4 -13 - 2	2 - 4 bar _ü 30 - 60 psig	28 - 48 m ³ /h 16,5 - 28,2 scfm

COMPRESSOR UNIT



HIGH PRESSURE STORAGE

3 - bank - storage	B1920	B2000
- Filling pressure max. :	300 bar 4 350 psig	300 bar 4 350 psig
- Stored free gas volume max. :	670 m ³ _N 23600 scf	700 m ³ _N 24 740 scf
- Available free gas volume max. :	230 m ³ _N 8100 scf	244 m ³ _N 8 620 scf
- Refuelling capacity max. :		
- car (80l /2,8 cf)* min:	14	15
- van (160l /5,6 cf)* min:	6	7
- bus, truck (560l /19,8 cf)* min:	1	2
- bus, truck (1080l /38,2 cf)* min:	0,8	1

* geometric volume of vehicle tank

FILL POST / DISPENSER


Model	FP	ZS
- Refuelling adapter NGV1	ND8 / ND12	ND8 / ND12
- Flow capacity max.		
- NGV1 ND8 /	28 kg /min 62 lbs /min	28 kg /min 62 lbs /min
- NGV1 ND12	35 kg /min 77 lbs /min	35 kg /min 77 lbs /min
- Refuelling time		
- NGV1 ND8		
- car (80l /2,8 cf)*	approx. 2min	approx. 2min
- van (160l /5,6cf)*	" 3min	" 3min
- bus /truck (560l /19,8cf)*	" 5min	" 5min
- NGV1 ND12		
- bus, truck (1080l /38,2cf)*	approx. 9 min	approx. 9 min
- Mass flow metering	●	●
- Authority calibrated	●	●
- Automatic vending machine	●	○

● standard ○ option
* geometric volume of vehicle tank

SET UP OF MODULAR SYSTEM

BASIC COMPRESSOR UNIT

MFS II COMPRESSOR RANGE

- Intake line
- Compressor
- Electric motor  proof (Exe II C3)
- SPS - control
- Automatic condensate drain device
- Start-up unloading
- High pressure gas purification-downstream of compressor
- Silent concrete housing
- Gas leakage alarm device
- Optional:** Pressure dewpoint monitoring

FAST-FILL

- 3-bank-storage B1920 or B2000
- Fully automatic priority filling and sequential refuelling control
- Refuelling pressure limitation
- **Fill Post**
 - **FP1-M/TA** (NGV1-ND8) incl. gauge-able mass flow metering for carrier fleet refuelling stations. Cars, vans a.o.
 - **FP2-M/TA** (NGV1-ND12) incl. gauge-able mass flow metering for carrier fleet refuelling stations. Trucks, buses a.o.
- Dispenser**
 - **ZS1** (NGV1-ND8)
 - **ZS2** (NGV1-ND12)incl. gaugeable mass flow metering for carrier fleet refuelling and stations with public access. With option for automatic vending machine, incl. card reader

COMPLETE UNIT

Optional:

- Commissioning at site / taking into operation / instruction of staff
- Inspection testing



BAUER KOMPRESSOREN GmbH

P.O.BOX 710260 · D-81452 MUNICH
DRYGALSKI-ALLEE 37 · D-81477 MUNICH
PHONE 0049 89 78049 - 0
FAX 0049 89 78049 - 167
Internet: www.bauer-kompressoren.de
e-mail: info@bauer-kompressoren.de