

**MFS II MINI - FUEL - STATION**

**MODULAR EXTENDABLE - SYSTEM**

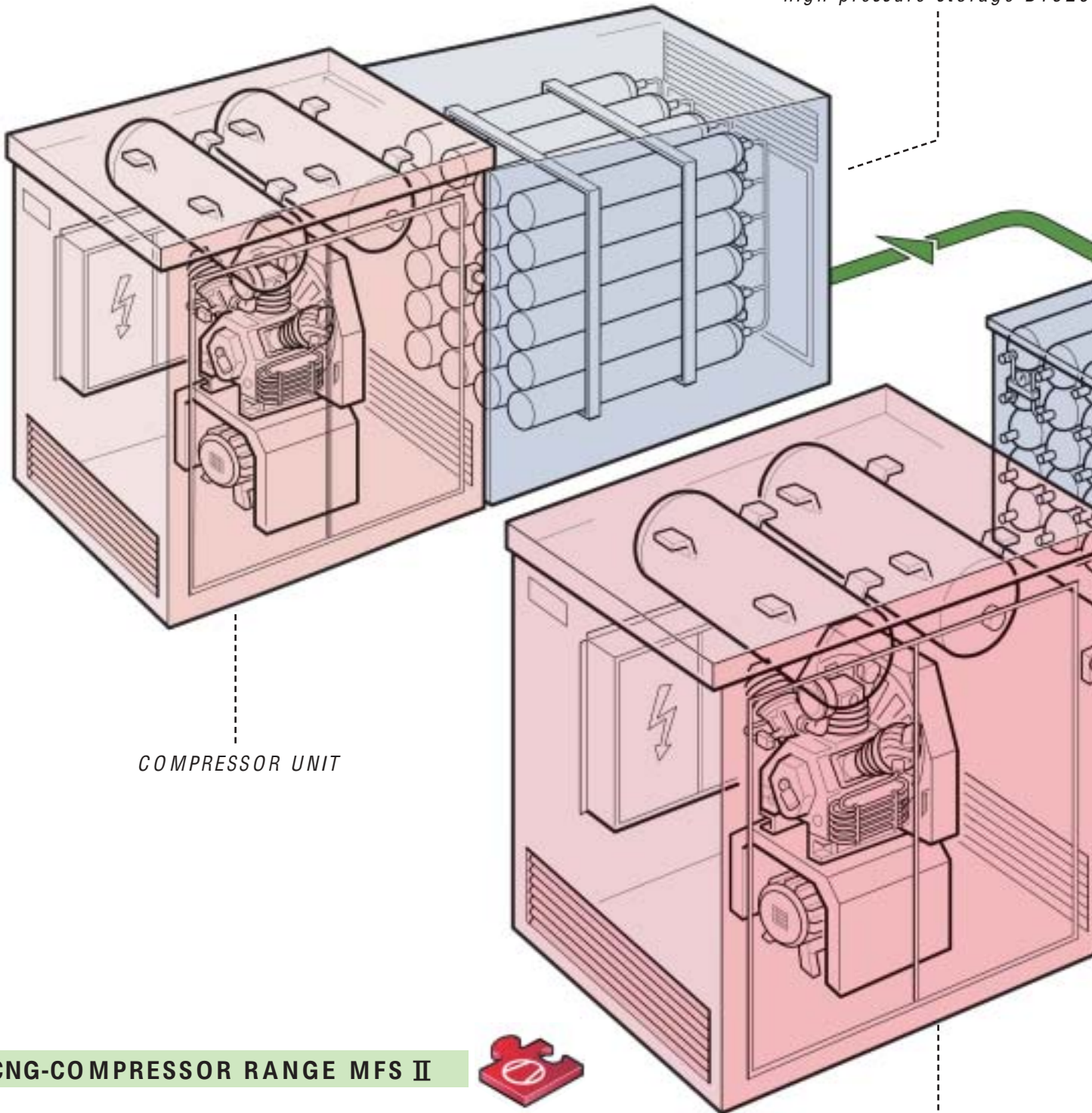


**FAST FILL**

## THE CNG - REFUELLING SYSTEM

### GROWS ACC. TO YOUR DEMAND

*optional: Concrete enclosure for high pressure-storage B1920*



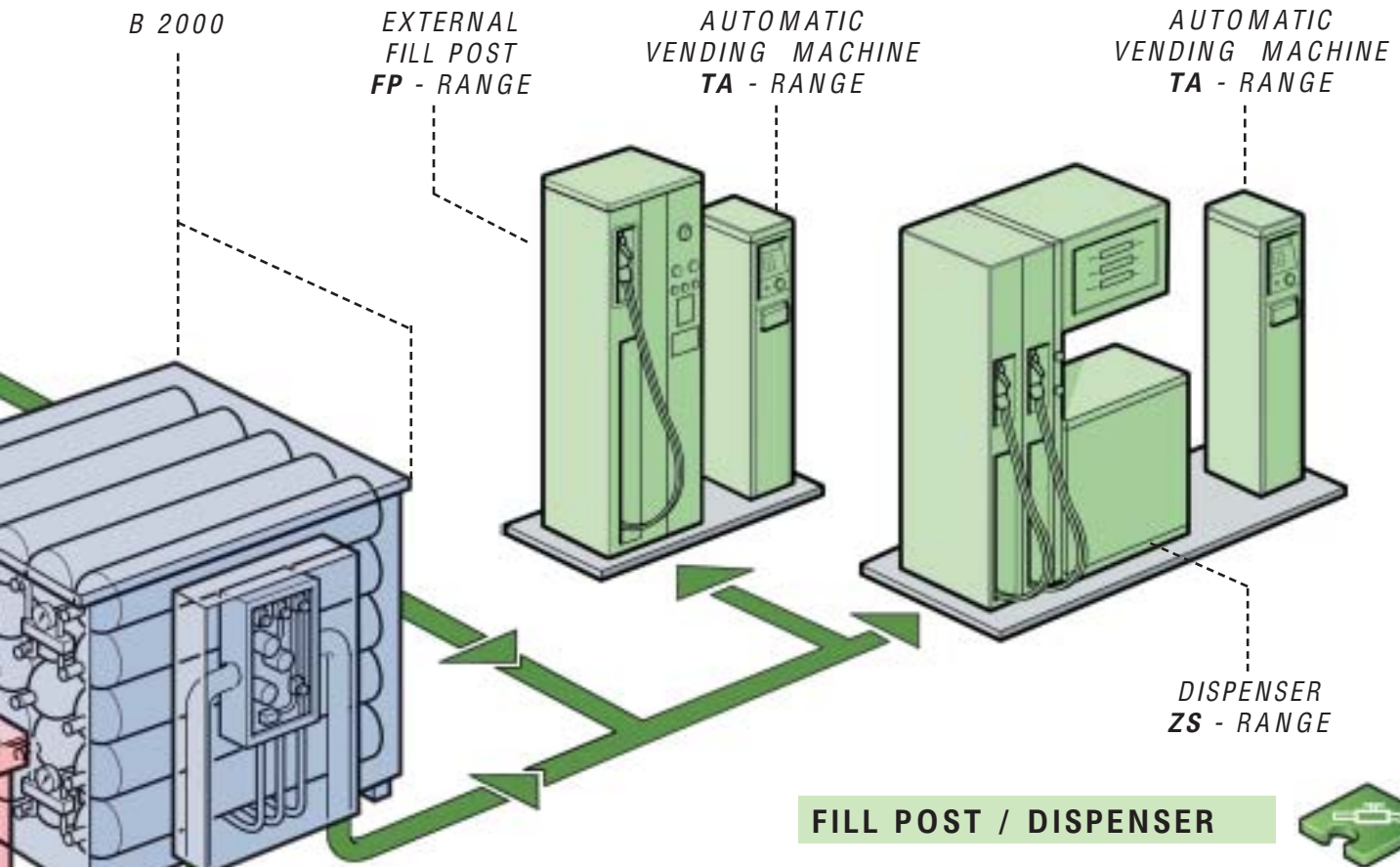
COMPRESSOR UNIT

COMPRESSOR UNIT

### CNG-COMPRESSOR RANGE MFS II



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



## 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 <sup>3</sup> <sub>N</sub> 23600 scf	700 m <sup>3</sup> <sub>N</sub> 24 740 scf
- Available free gas volume max. :	230 m <sup>3</sup> <sub>N</sub> 8100 scf	244 m <sup>3</sup> <sub>N</sub> 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](http://www.bauer-kompressoren.de)  
 e-mail: [info@bauer-kompressoren.de](mailto:info@bauer-kompressoren.de)