



## Gazpack 42

CNG REFUELLING  
SOLUTIONS

**Water cooled  
compressor**

**Capacity**  
271 to 590 m<sup>3</sup>/h

**Delivery pressure**  
maximum 350 bar g

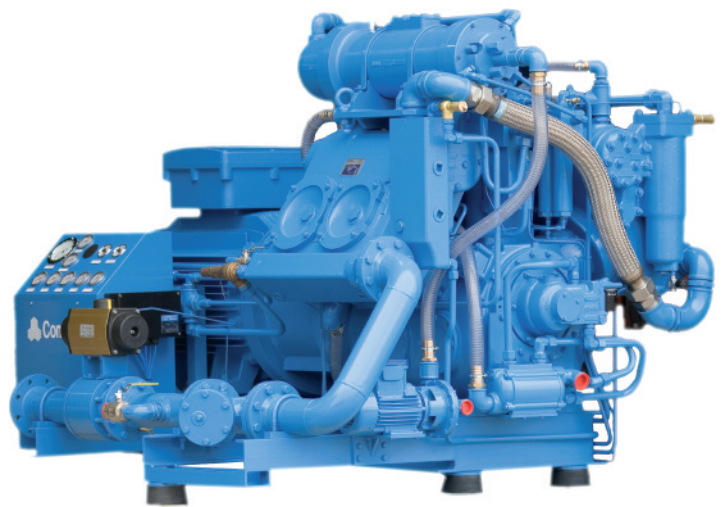
**Inlet pressure**  
0.015 to 6.8 bar g

### Ideal for medium sized refuelling stations

The Gazpack 42 is the new water cooled natural gas compressor package from CompAir, manufacturers of quality compression systems for over 100 years.

Designed and manufactured in the UK to the highest European standards, the Gazpack 42 has been specifically designed for medium-sized public refuelling stations.

CompAir provide reliable, high quality compressors with long service life, supported by a strong network of CompAir sales companies and authorized distributors across 6 continents.



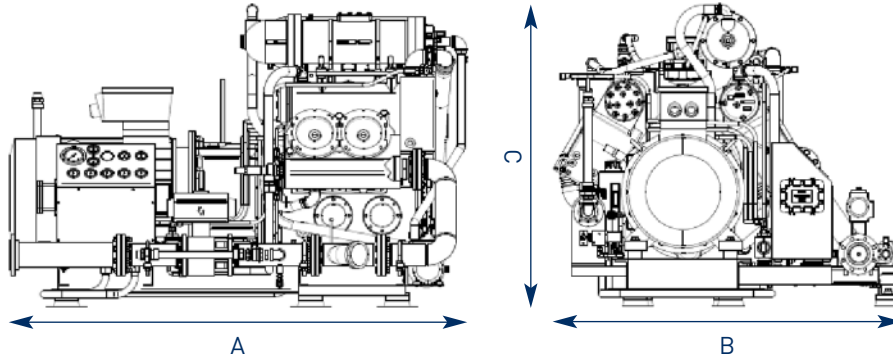
#### Advanced Design

- The well balanced compressor design combined with anti-vibration mounts and flexible connections reduces vibration, removing the need for special foundations and minimising civil work requirements.
- The Gazpack 42 is a modular unit with a small footprint available in "ready-to-run" or bespoke packages designed for maximum flexibility.
- Installation is made quick and simple through the use of flexible connections and the single outlet manifold for all pressure safety valves.
- All safety trips and indicators are wired to explosion proof and intrinsically safe terminal boxes, which simplifies installation.
- Individual compression stage separation, using CompAir designed high efficiency separators, reduces moisture carryover between stages thereby increasing component life.

#### Outstanding Serviceability

- During normal service life, no lifting gear is required for top end service with a maximum top end component weight of 25 kg.
- Liners and pistons are all removable with easy access through top end, with the majority of service work accessible from one side of the compressor. Valves, protected by valve covers, are also easily removable.
- Inlet filter cleansing does not require pipeline dismantling, nor is there any machine interruption when topping up oil.
- Third and fourth stage pistons and rings are supplied as a cartridge for quick and easy replacement. Crosshead and running gear remain in position.
- Coolers are all withdrawable and of straight tube design for ease of cleaning.
- Centrifugal water pump designed for longer life.

## Minimum specification package



## DIMENSIONS &amp; WEIGHT

**Gazpack 42 minimum specification package**

Dimensions:

(A x B x C)

2440 x 1861 x 1620mm

Weight: 3780kg (150kW)

**Gazpack 42 fully packaged unit (typical)**

Dimensions:

(W x D x H)

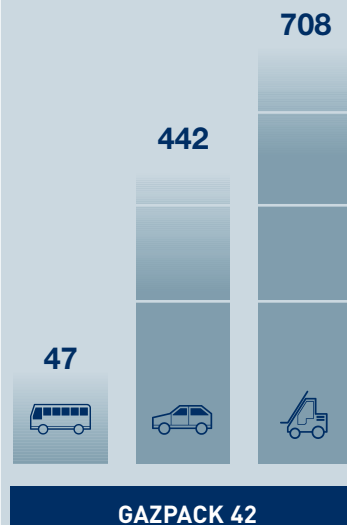
5500 x 2200 x 2400mm

Weight: 8000kg

## TECHNICAL DATA

Model	GAZPACK 42	
Motor Power (kW)	110	132
Compressor Speed (rpm)	1485	1485
Inlet pressure (bar g)	FGD Capacity (m <sup>3</sup> /hr) @ 250 bar g delivery pressure	
0.015	271	
0.35	387	
0.55		453
0.68		492
1.0		590*
3.0	297†	
4.0	372‡	
5.5	495	
6.0	535	
6.8	580	

†75kW ‡90kW \*150kW

VEHICLES FILLED  
IN A 12 HOUR PERIOD

## Notes:

1. Ambient temperatures: - 10°C to 45°C.
2. Performance figures are typical and are not the full range available.
3. Performance temperatures are based on gas inlet temperature of 20°C and 15°C cooling water temperature and referenced to 1.013 bar absolute. Flow rates (FGD) measured in accordance with ISO 1217:1996. Flow rates for radiator cooled packages will be reduced.
4. Delivery pressure of 250 bar g is typical. Delivery pressures up to 350 bar g are available.
5. Performances on electric motors are based on a 50Hz supply.
6. Vehicle numbers based on 12 hour compressor running time at maximum capacity and typical cylinder capacity of 10m<sup>3</sup> (forklift), 16m<sup>3</sup> (car), 150m<sup>3</sup> (bus).



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CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

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