



## HFS Systems Specifications Oct 2022

Gen 10 systems are suited to engines up to 4 litre capacity

A Gen 20 system is lighter , more compact and more energy efficient and more advanced than a Gen 15 systems and are used for engines greater than 8 litre capacity

Gen 15 systems are able to be used instead of Gen 20 systems up to 8 litre engine capacity

| SYSTEM | vehicle   | Weight | Plate area | Enclosure                                | Engine fuel             |
|--------|---|--------|------------|--|-------------------------|
| Gen 10 | family cars to 4.2 litre capacity   | 14.5   | 6400 sq cm | Aluminum<br>43cm x 30 cm<br>x 30 cm high | Petrol ,<br>diesel, LPG |
| Gen 10 | family cars to 4.2 litre capacity   | 15.5   | 6400 sq cm | Steel<br>43cm x 30 cm<br>x 30 cm high    | Petrol ,<br>diesel, LPG |
| Gen 10 | family cars to 4.2 litre capacity   | 12.5   | 6400 sq cm | Plastic<br>42cm x 21 cm<br>x 33 cm high  | Petrol ,<br>diesel, LPG |
| Gen 15 | Vehicles/<br>trucks/ 4 WD<br>work vehicles<br>engine<br>capacity<br>greater than 4<br>litre | 15.5   | 6400 sq cm | Aluminum<br>43cm x 30 cm<br>x 30 cm high | Petrol ,<br>diesel, LPG |
| Gen 15 | Vehicles/<br>trucks/ 4 WD<br>work vehicles<br>engine<br>capacity<br>greater than 4<br>litre | 19.5   | 6400 sq cm | Steel<br>43cm x 30 cm<br>x 30 cm high    | Petrol ,<br>diesel, LPG |
| Gen 20 | Trucks/<br>Gensets /<br>Trawlers<br>engine<br>capacity<br>greater than 4<br>litre           | 19.5   | 6400 sq cm | Steel<br>43cm x 30 cm<br>x 30 cm high    | Petrol ,<br>diesel, LPG |

|        |  |      |                  |  |                         |
|--------|--|------|------------------|--|-------------------------|
| Gen 20 | Trucks/<br>Gensets /<br>Trawlers<br>engine<br>capacity<br>greater than 4<br>litre  | 15.5 | 6400 sq cm       | Aluminum<br>43cm x 30 cm<br>x 30 cm high | Petrol ,<br>diesel, LPG |
| Gen 20 | Trucks/<br>Gensets /<br>Trawlers<br>engine<br>capacity<br>greater than 4<br>litre  | 19.5 | 6400 sq cm       | Steel<br>43cm x 30 cm<br>x 30 cm high    | Petrol ,<br>diesel, LPG |
| Gen 30 | Trucks/<br>Gensets /<br>Trawlers<br>engine<br>capacity<br>greater than<br>30 litre | 100  | 100,000 sq<br>cm | Steel custom<br>made                     | Petrol ,<br>diesel, LPG |

| ENGINE CAPACITY | Gen 10 Hydrogen system | Gen 15 Gen 20 Hydrogen system |
|-----------------|------------------------|-------------------------------|
| Up to 3 litre   | One Gen 10             |                               |
| Up to 4 litre   | One Gen 10             |                               |
| 5 litre         |                        | One Gen 15 or Gen 10          |
| 6 litre         |                        | One Gen 15                    |
| 7 litre         |                        | One Gen15                     |
| 8 litre         |                        | One Gen 15                    |
| 9 litre         |                        | One Gen 20                    |
| 10 litre        |                        | One Gen 20                    |
| 11 litre        |                        | Two Gen 20                    |
| 12 litre        |                        | Two Gen 20                    |
| 13 litre        |                        | Two Gen 20                    |
| 14 litre        |                        | Two Gen 20                    |
| 15 litre        |                        | Two Gen 20                    |
| 16 litre        |                        | Two Gen 20                    |
| 17 litre        |                        | Two Gen 20                    |
| 18 litre        |                        | Three Gen 20                  |
| 19 litre        |                        | Three Gen 20                  |
| 20 litre        |                        | Three Gen 20                  |