

# 2012 PRODUCT CATALOGUE

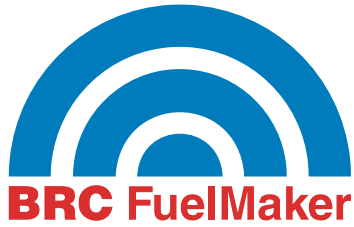
**BRC FuelMaker**  
via Industria 6, 12062 Cherasco (CN) - Italy  
Telephone: +39.0172.48681 Fax: +39.0172.488237  
[www.brcfuelmaker.it](http://www.brcfuelmaker.it)





## TABLE OF CONTENTS

	<b>Page</b>
<b>HOME REFUELLING APPLIANCES (HRA)</b> .....	4
PHILL-P30 .....	5
PHILL-P30 “SMART” .....	5
PHILL-P36 .....	6
<b>PHILL - ACCESSORIES</b> .....	7
<b>PHILL SPARE PARTS</b> .....	8-9-10-11
<b>VEHICLE REFUELLING APPLIANCES (VRA) - SMALL Q</b> .....	12
FMQ-2.0.....	13
FMQ-2-36.....	14
FMQ-2.5.....	15
<b>SMALL Q - SPARE PARTS</b> .....	16-17-18-19
<b>VEHICLE REFUELLING APPLIANCES (VRA) - BIG Q</b> .....	20
FMQ-8-36.....	21
FMQ-10.....	22



## TABLE OF CONTENTS

	<b>Page</b>
<b>FUELLING PANELS</b> .....	25
AUXILIARY FUELLING PANEL (AFP).....	26
REMOTE FUELLING PANEL (RFP).....	27
<b>FUELLING PANELS - ACCESSORIES</b> .....	28
<b>VRA - FILL HOSES AND NOZZLES</b> .....	29
<b>VRA - ACCESSORIES</b> .....	29-30
<b>DIAGNOSIS TOOLS</b> .....	31
<b>DISPLAY UNITS</b> .....	31

**HOME REFUELLING APPLIANCES (HRA)**

**PHILL**



## PHILL-P30



### Specifications

#### Gas

Flow Rate: ..... 1.5 m<sup>3</sup>/hr @ 21° C  
 Maximum Discharge Pressure:.. 207 bar @ 21° C  
 Minimum Inlet Pressure: ..... 17 millibar  
 Maximum Inlet Pressure: ..... 35 millibar

#### Electrical

Electrical Supply: 230 Volt AC, Single Phase, 50 Hz  
 Circuit Ampacity: ..... 15 Amps  
 Full Load Amperage: ..... 4 Amps  
 Average Power Consumption Over Typical Fill Cycle:  
 ..... 0.8 KWh  
 Classification: ..... General Purpose

#### Mechanical

Dimensions HxWxD:.. 762mmx356mmx330mm  
 Unit Weight: ..... 43.2 Kg  
 Shipping Weight:..... 50 Kg  
 Ambient Temperature Rating:..... -40° C to +46° C  
 Noise Level: ..... 40 dBA @ 5 m

Model Number	Description
E77HRAG15P3000	<b>PHILL-P30</b> (1.5 m <sup>3</sup> /h - 207 bar) Complete with mounting brackets and power cord. Includes fill hose, straight nozzle and cooling air inlet/outlet assemblies.
E77HRAG15P3001	<b>PHILL-P30</b> (1.5 m <sup>3</sup> /h - 207 bar) Complete with mounting brackets and power cord. Includes fill hose, 90° elbow nozzle and cooling air inlet/outlet assemblies.
E77HRAG15P3002	<b>PHILL-P30 “SMART”</b> (1.5 m <sup>3</sup> /h - 207 bar) Complete with mounting brackets and power cord. Includes fill hose, straight nozzle and cooling air inlet/outlet assemblies. <b>WITHOUT DRYER</b> <b>FOR OUTDOOR INSTALLATIONS ONLY</b>
E77HRAG15P3003	<b>PHILL-P30 “SMART”</b> (1.5 m <sup>3</sup> /h - 207 bar) Complete with mounting brackets and power cord. Includes fill hose, 90° elbow nozzle and cooling air inlet/outlet assemblies. <b>WITHOUT DRYER</b> <b>FOR OUTDOOR INSTALLATIONS ONLY</b>

**PHILL-P36**

**Specifications**



**Gas**

Flow Rate: .....0.8 SCFM @ 70° F  
 Maximum Discharge Pressure:3,600 psig @ 70° F  
 Minimum Inlet Pressure: ..... 7" w.c (0.25 psig)  
 Maximum Inlet Pressure: ..... 14" w.c. (0.5 psig)

**Electrical**



Electrical Supply:240 Volt AC, Single Phase, 60 Hz  
 Circuit Ampacity: .....15 Amps  
 Full Load Amperage: .....5.0 Amps  
 Average Power Consumption Over Typical Fill Cycle:  
 ..... 0.83 KWh  
 Classification: .....General Purpose

**Mechanical**







Dimensions HxWxD: ..... 30"x14"x13"  
 Unit Weight: ..... 100 lbs  
 Shipping Weight:..... 100 lbs  
 Ambient Temperature Rating: ....-40° F to +115° F  
 Noise Level: ..... 40 dBA @ 16.5 ft

Model Number	Description
E77HRAG15P3600	<b>PHILL-P36</b> (0.8 SCFM - 3,600 psig) Complete with mounting brackets and power cord. Includes fill hose, straight nozzle and cooling air inlet/outlet assemblies.
E77HRAG15P3601	<b>PHILL-P36</b> (0.8 SCFM - 3,600 psig) Complete with mounting brackets and power cord. Includes fill hose, 90° elbow nozzle and cooling air inlet/outlet assemblies.

## PHILL - ACCESSORIES

Model Number	Description
PR770347	<b>Remote Gas Sensor HRA Gen 1.5</b>
	Complete with sensor, housing and 30 ft interconnection cable.  For use in indoor applications where the local jurisdiction requires a remote gas sensor.
PR770240	<b>Depressurizing Tool</b>
	Used to depressurize the hose assembly in the event of a drive away.

## PHILL - SPARE PARTS

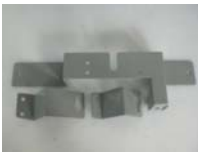

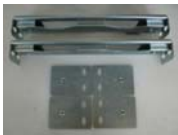



Model Number	Description
CD770375	<b>P30 Compressor Side Fill Hose</b>
	
CD770374	<b>P36 Compressor Side Fill Hose</b>
	
CD770373	<b>P30 Car Side Straight Fill Hose</b>
	
CD770372	<b>P36 Car Side Straight Fill Hose</b>
	
CD770393	<b>P30 Car Side 90° Elbow Fill Hose</b>
	
CD770392	<b>P36 Car Side 90° Elbow Fill Hose</b>
	



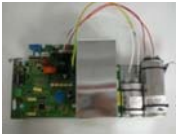






## PHILL - SPARE PARTS

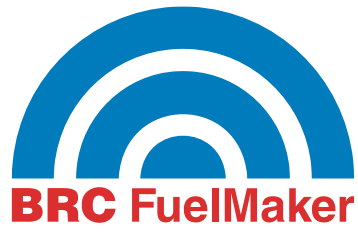
Model Number	Description
PR770048-1	<b>Insulated Outdoor/Indoor Cooling Air Inlet/Outlet Assembly</b>
	
PR770381	<b>Internal Gas Sensor and Air Flow Switch Kit</b>
	
PR770379S	<b>Control Board Kit</b>
	
DE536106	<b>Power Supply Cable</b>
	
PR770010S	<b>Cooling Fan Kit</b>
	
PR770011S	<b>Internal Dryer</b>
	

## PHILL - SPARE PARTS

Model Number	Description
PR770426S	<b>Mounting Brackets (rigid Brackets)</b>
	
PR770003	<b>Mounting Brackets (anti vibration Brackets)</b>
	
PR770350	<b>Mounting Brackets (Holding Brackets Kit)</b>
	
PL77F0410	<b>Straight Nozzle Holder</b>
	
PR770298	<b>90° Elbow Nozzle Holder</b>
	
PR770397S	<b>Low Pressure Sensor Kit</b>
	

## PHILL - SPARE PARTS

Model Number	Description
PR770413S	Brand New Electronic Module of Phill P30/P36
	
PR770005S	Brand New Control Module of Phill P30/P36
	
PR770006S	Brand New Motor Module of Phill P30/P36
	
PR770321S	Brand New Compression Module of Phill-P30
	
PR770007S	Brand New Compression Module of Phill-P36
	
PR770434S	Complete Module HRA P30 (Dryer not included)
	
PR770435S	Complete Module HRA P36 (Dryer not included)
	



## VEHICLE REFUELLING APPLIANCES (VRA)

### SMALL Q





# FMQ-2.0

## Specifications



### Gas

Flow Rate: ..... 3.4 m<sup>3</sup>/hr @ 20°C @ 1.7 kPa (60 Hz)  
 ..... 3.0 m<sup>3</sup>/hr @ 20°C @ 1.7 kPa (50 Hz)

Maximum Discharge Pressure: ..... 20.7 MPa @ 20° C  
 Minimum Inlet Pressure: ..... 1.7 kPa  
 Maximum Inlet Pressure: ..... 14 kPa

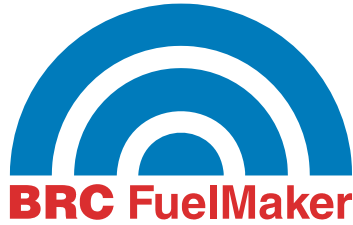
### Electrical

Electrical Supply: ..... 240 Volts AC, Single Phase, 60 Hz  
 or 220 Volts AC, Single Phase, 50 Hz  
 Circuit Ampacity: ..... 15 Amps  
 Full Load Amperage: ..... 7.0 / 6.5 Amps (60 / 50 Hz)  
 Avg. Power Consumption Over Typical Fill Cycle: ..... 0.9 to 1.2 kWh  
 Classification: ..... General Purpose

### Mechanical

Dimensions L x W x H: ..... 540 x 500 x 990 mm  
 Unit Weight: ..... 66 kg  
 Shipping Weight: ..... 68 kg  
 Ambient Temperature Rating: ..... -40° C to +45° C  
 Noise Level: ..... 49 dBA @ 5 m  
 Service Interval: ..... 4,000 Hours

Model Number	Description
E77Q02030001	<b>FMQ-2.0</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, dual breakaway and lock assy. <b>NO FILL HOSES INCLUDED</b>
E77Q02030002	<b>FMQ-2.0</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronic module, compression module, 1/8" remote fill adapter outlet assy and lock assy.
E77Q02030003	<b>FMQ-2.0</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, 1/4" remote fill adapter outlet assy, pressure start and lock assy.



**FMQ-2-36**



**Specifications**

**Gas**

Flow Rate: .....3.2 m<sup>3</sup>/hr @ 20° C (60 Hz)  
2.55 m<sup>3</sup>/hr @ 20° C (50 Hz)  
Maximum Discharge Pressure: ..... 24.8 MPa @ 15° C  
Minimum Inlet Pressure: ..... 1.7 kPa  
Maximum Inlet Pressure: ..... 3.5 kPa

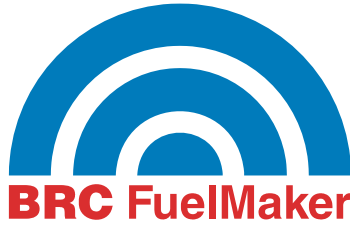
**Electrical**

Electrical Supply: ..... 240 Volts AC, Single Phase, 60 Hz  
or 220 Volts AC, Single Phase, 50 Hz  
Circuit Ampacity: ..... 15 Amps  
Full Load Amperage: ..... 7.0 / 6.0 Amps (60 / 50 Hz)  
Avg. Power Consumption Over Typical Fill Cycle: ..... 0.9 to 1.2 kWh  
Classification: ..... General Purpose

**Mechanical**

Dimensions L x W x H: ..... 540 x 500 x 990 mm  
Unit Weight: ..... 66 kg  
Shipping Weight: ..... 68 kg  
Ambient Temperature Rating: ..... -40° C to +45° C  
Noise Level: .....49 dBA @ 5 m  
Service Interval: ..... 4,000 Hours

<b>Model Number</b>	<b>Description</b>
E77Q02036001	<b>FMQ-2-36</b> (3.2 m <sup>3</sup> /hr – 24.8 MPa @ 60 Hz) (2.55 m <sup>3</sup> /hr – 24.8 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, controls module, dual breakaway and lock assy. <b>NO FILL HOSES INCLUDED</b>
E77Q02036002	<b>FMQ-2-36</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronic module, compression module, 1/8" remote fill adapter outlet assy and lock assy.
E77Q02036003	<b>FMQ-2-36</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, 1/4" remote fill adapter outlet assy, pressure start and lock assy.



**FMQ-2.5**



**Specifications**

**Gas**

Flow Rate: .....4.25 m<sup>3</sup>/hr @ 20° C (60 Hz)  
 ..... 3.4 m<sup>3</sup>/hr @ 20° C (50 Hz)  
 Maximum Discharge Pressure: ..... 20.7 MPa @ 20° C  
 Minimum Inlet Pressure: ..... 1.7 kPa  
 Maximum Inlet Pressure: ..... 3.5 kPa

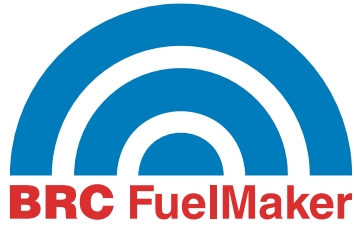
**Electrical**

Electrical Supply: ..... 240 Volts AC, Single Phase, 60 Hz  
 or 220 Volts AC, Single Phase, 50 Hz  
 Circuit Ampacity: ..... 15 Amps  
 Full Load Amperage: ..... 8.0 / 7.25 Amps (60 / 50 Hz)  
 Avg. Power Consumption Over Typical Fill Cycle: ..... 1.1 to 1.5 kWh  
 Classification: ..... General Purpose








**Mechanical**

Dimensions L x W x H: ..... 540 x 500 x 990 mm  
 Unit Weight: ..... 66 kg  
 Shipping Weight: ..... 68 kg  
 Ambient Temperature Rating: ..... -40° C to +45° C  
 Noise Level: .....49 dBA @ 5 m  
 Service Interval: ..... 4,000 Hours

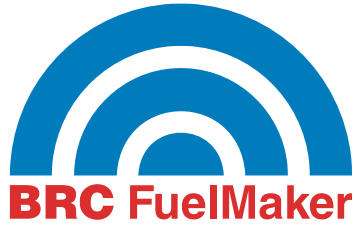
Model Number	Description
E77Q02530001	<b>FMQ-2.5</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, dual breakaway and lock assy. NO FILL HOSES INCLUDED
E77Q02530002	<b>FMQ-2.5</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronic module, compression module, 1/8" remote fill adapter outlet assy and lock assy.
E77Q02530003	<b>FMQ-2.5</b> (4.25 m <sup>3</sup> /hr – 20.7 MPa @ 60 Hz) (3.4 m <sup>3</sup> /hr – 20.7 MPa @ 50 Hz) Complete with housing, junction box, fan assembly, electronics module, compression module, 1/4" remote fill adapter outlet assy, pressure start and lock assy.








## SMALL Q - SPARE PARTS

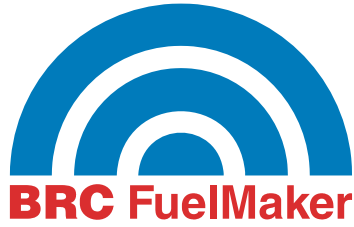
<b>Model Number</b>	<b>Description</b>
PR770402S	Electronic Module FMQ-2.0/2.5
	
PR770403S	Electronic Module FMQ-2-36
	
PR770313S	Compression Module FMQ-2.0
	
PR770304S	Compression Module FMQ-2.5
	
PR770067S	Compression Module FMQ-2-36
	
PR770113S	Control Module FMQ-2.0/2.5
	
PR770123S	Control Module FMQ-2-36
	












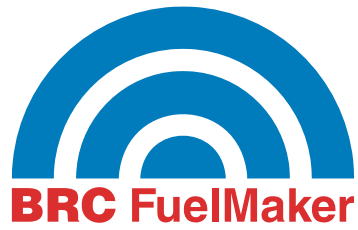
## SMALL Q - SPARE PARTS

Model Number	Description
PR770110 	<b>Double Breakaway Kit P30</b>
PR770133 	<b>Double Breakaway Kit P36</b>
PR770151 	<b>1/4" Remote Fill Adapter Outlet Assy Kit</b>
PR770150 	<b>1/8" Remote Fill Adapter Outlet Assy Kit</b>
PR770161 	<b>Lock Assy</b>
PR770428S 	<b>Cooling Fan Kit FMQ-2.0/2.5</b>
TA77F0128 	<b>Label "START-STOP"(FMQ-2.0/2.5/2-36)</b>






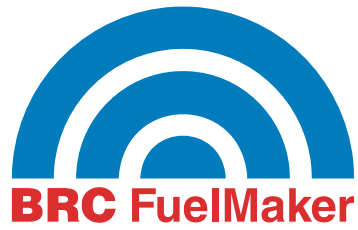
## SMALL Q - SPARE PARTS

<b>Model Number</b>	<b>Description</b>
PR770225	Pressure Start FMQ-2.0/2-36/2.5
	
PR770432S	High Pressure Connector
	
PR770433S	Housing Kit FMQ-2.0/2.5
	
PL77F0105	Upper Cover Bar
	
PL77F0094V	Upper Cover
	
PL77F0102	Upper Cover Pin
	
PL77F0101	Upper Case Pivot Pin
	



## SMALL Q - SPARE PARTS

<b>Model Number</b>	<b>Description</b>
PL77F0103	<b>Compressor Foot</b>
	
PL77F0097V	<b>Back Grill</b>
	
PL77F0095V	<b>Front Grill</b>
	

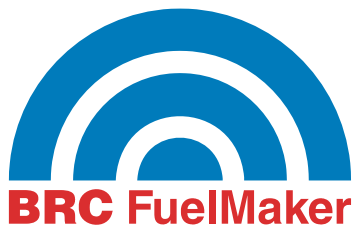


**VEHICLE REFUELLING APPLIANCES (VRA)**

**BIG Q**







# FMQ-10

## Specifications

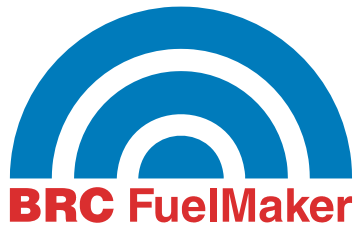


**Gas**  
 Flow Rate: ..... 17.0 m<sup>3</sup>/hr @ 20° C (60 Hz)  
 ..... 13.6 m<sup>3</sup>/hr @ 20° C (50 Hz)  
 Maximum Discharge Pressure: ..... 20.7 MPa @ 20° C  
 Minimum Inlet Pressure: ..... 6.9 kPa\*  
 Maximum Inlet Pressure: ..... 8.6 kPa  
\* 1.7 kPa inlet option available








**Electrical**  
 Electrical Supply: ..... 240 Volts AC, Single Phase, 60 Hz  
 or 220 Volts AC, Single Phase, 50 Hz  
 Circuit Ampacity: ..... 40 Amps  
 Full Load Amperage: ..... 28 / 26 Amps (60 / 50 Hz)  
 Avg. Power Consumption Over Typical Fill Cycle: ..... 3.6 to 4.8 kWh  
 Classification: ..... General Purpose

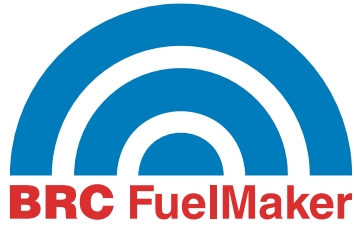
**Mechanical**  
 Dimensions L x W x H: ..... 848 x 1228 x 813 mm  
 Unit Weight: ..... 263 kg  
 Shipping Weight: ..... 308 kg  
 Ambient Temperature Rating: ..... -40° C to +45° C  
 Noise Level: ..... 66 dBA @ 5 m  
 Service Interval: ..... 4,000 Hours

Model Number	Description
E77Q10030000	<p><b>FMQ-10</b>                      (17.0 m<sup>3</sup>/hr – 20.7 MPa @ 60 Hz)                      (13.6 m<sup>3</sup>/hr – 20.7 MPa @ 50 Hz)</p> <p>Complete with housing, fan assemblies, electronics module, compression modules, motor modules, controls module, check valve, <b>1/4" compression outlet fitting</b> and pressure start.</p>






## BIG-Q - SPARE PARTS

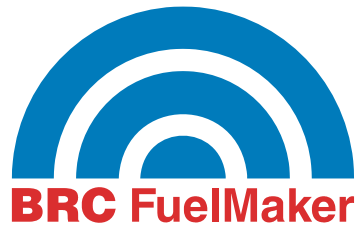
Model Number	Description
PR770400S 	Electronic Module FMQ-8-36
PR770399S 	Electronic Module FMQ-10
PR770067S 	Compression Module FMQ-8-36
PR770304S 	Compression Module FMQ-10
PR770065S 	Control Module FMQ-8-36
PR770339S 	Control Module FMQ-10
PR770061S 	Motor Module FMQ-8-36/10



## BIG-Q - SPARE PARTS

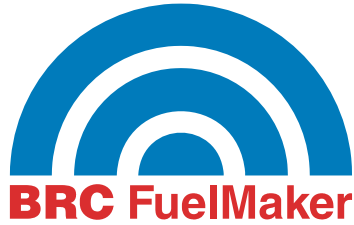
<b>Model Number</b>	<b>Description</b>
PR770062-1	Cooling Fan Kit FMQ-8-36/10
	
PR770226	Pressure Start FMQ-8-36/10
	
PR770100	1/8" Remote Fill Adapter Outlet Assy Kit
	





**FUELLING PANELS**





## AUXILIARY FUELLING PANEL (AFP)



### Specifications

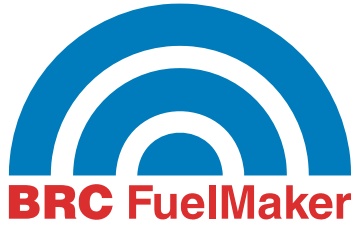
#### Gas

Maximum Flow Rate: ..... 85 m<sup>3</sup> / hr  
 Maximum Discharge Pressure: ..... 24.8 MPa  
 Maximum Inlet Pressure: ..... 24.8 MPa

#### Mechanical

Dimensions L x W x H: ..... 279 x 203 x 311 mm  
 Unit Weight: ..... 8 kg  
 Shipping Weight: ..... 9 kg  
 Ambient Temperature Rating: ..... -40° C to +45° C

Model Number	Description
E77AFPP30000	<p><b>Auxiliary Fuelling Panel (P30)</b></p> <p>Complete with weatherproof housing and door latch assembly.</p> <p><b>Note:</b>            Includes 1/4" inlet fitting, dual breakaway, vent valve assembly and lock assy.            Does not include hoses, nozzle and nozzle vent valve.</p>
E77AFPP30001	<p><b>Auxiliary Fuelling Panel (P30)</b></p> <p>Complete with weatherproof housing and door latch assembly.</p> <p><b>Note:</b>            Includes 1/4" inlet fitting, dual breakaway, vent valve assembly, storage valve and lock assy.            Does not include hoses, nozzle and nozzle vent valve.            SUITABLE FOR INSTALLATIONS WITH STORAGE</p>
E77AFPP36000	<p><b>Auxiliary Fuelling Panel (P36)</b></p> <p>Complete with weatherproof housing and door latch assembly.</p> <p><b>Note:</b>            Includes 1/4" inlet fitting, dual breakaway, vent valve assembly and lock assy.            Does not include hoses, nozzle and nozzle vent valve.</p>



## REMOTE FUELLING PANEL (RFP)



### Specifications

**Gas**

Maximum Flow Rate: ..... 85 m<sup>3</sup> / hr  
 Maximum Discharge Pressure: ..... 24.38 MPa  
 Maximum Inlet Pressure: ..... 24.8 MPa

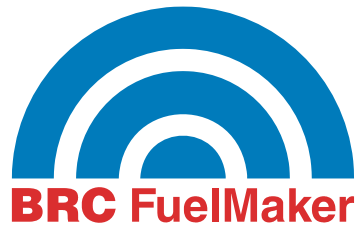
**Electrical**

Classification: ..... General Purpose





**Mechanical**

Dimensions L x W x H: ..... 279 x 203 x 311 mm  
 Unit Weight: ..... 10 kg  
 Shipping Weight: ..... 11 kg  
 Ambient Temperature Rating: ..... -40° C to +45° C

Model Number	Description
E77REMP30000	<p><b>Remote Fuelling Panel (P30)</b>            Complete with weatherproof housing, lock assembly and user panel.</p> <p><b>Note:</b>            Includes 1/8" inlet fitting, double breakaway and remote fuelling panel interface cable (30 m/100 ft).            Does not include hoses and nozzle.            Maximum 1/8" high pressure tubing length is 30 ft (9m) and maximum fill hose length is 20 ft (6m).</p>
E77REMP30001	<p><b>Remote Fuelling Panel (P30)</b>            Complete with weatherproof housing, lock assembly and user panel.</p> <p><b>Note:</b>            Includes 1/4" inlet fitting, double breakaway and remote fuelling panel interface cable (30 m/100 ft).            Does not include hoses and nozzle.</p>
E77REMP36000	<p><b>Remote Fuelling Panel (P36)</b>            Complete with weatherproof housing, lock assembly and user panel.</p> <p><b>Note:</b>            Includes 1/8" inlet fitting, double breakaway and remote fuelling panel interface cable (30 m/100 ft).            Does not include hoses and nozzle            Maximum 1/8" high pressure tubing length is 30 ft (9m) and maximum fill hose length is 20 ft (6m).</p>



## FUELLING PANELS ACCESSORIES

<b>Model Number</b>	<b>Description</b>
PR770177	Post Mounting Kit for Fuelling Panels
	
DE536001	Remote Panel Cable 10m / 30 ft
	
DE536005	Remote Panel Cable 15m / 50 ft
	
DE536002	Remote Panel Cable 30m / 100ft
	









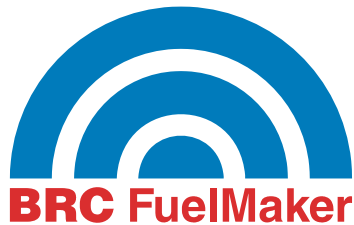
## VRA - FILL HOSES AND NOZZLES

Model Number	Description
CD770384M	Fill Hose - Straight (F) fitting - length 10 ft (3 m) + Nozzle P30
CD770388M	Fill Hose - Straight (F) fitting - length 20 ft (6 m) + Nozzle P30
CD770394M	Fill Hose - Straight (F) fitting - length 25 ft (7.5 m) + Nozzle P30
CD770386M	Fill Hose - 90° Elbow (G) fitting - length 10 ft (3 m) + Nozzle P30
CD770390M	Fill Hose - 90° Elbow (G) fitting - length 20 ft (6 m) + Nozzle P30
CD770396M	Fill Hose - 90° Elbow (G) fitting - length 25 ft (7.5 m) + Nozzle P30
CD770384	Fill Hose - Straight (F) fitting - length 10 ft (3 m)
CD770388	Fill Hose - Straight (F) fitting - length 20 ft (6 m)
CD770394	Fill Hose - Straight (F) fitting - length 25 ft (7.5 m)
CD770386	Fill Hose - 90° Elbow (G) fitting - length 10 ft (3 m)
CD770390	Fill Hose - 90° Elbow (G) fitting - length 20 ft (6 m)
CD770396	Fill Hose - 90° Elbow (G) fitting - length 25 ft (7.5 m)
IX770042	Nozzle P30 (NGV 1 Approved)
CD770385M	Fill Hose (P36) - Straight (F) fitting - length 10 ft (3 m) + Nozzle P36
CD770389M	Fill Hose (P36) - Straight (F) fitting - length 20 ft (6 m) + Nozzle P36
CD770395M	Fill Hose (P36) - Straight (F) fitting - length 25 ft (7.5 m) + Nozzle P36
CD770387M	Fill Hose (P36) - 90° Elbow (G) fitting - length 10 ft (3 m) + Nozzle P36
CD770391M	Fill Hose (P36) - 90° Elbow (G) fitting - length 20 ft (6 m) + Nozzle P36
CD770397M	Fill Hose (P36) - 90° Elbow (G) fitting - length 25 ft (7.5 m) + Nozzle P36
CD770385	Fill Hose (P36) - Straight (F) fitting - length 10 ft (3 m)
CD770389	Fill Hose (P36) - Straight (F) fitting - length 20 ft (6 m)
CD770395	Fill Hose (P36) - Straight (F) fitting - length 25 ft (7.5 m)
CD770387	Fill Hose (P36) - 90° Elbow (G) fitting - length 10 ft (3 m)
CD770391	Fill Hose (P36) - 90° Elbow (G) fitting - length 20 ft (6 m)
CD770397	Fill Hose (P36) - 90° Elbow (G) fitting - length 25 ft (7.5 m)
OT770014	Nozzle P36 (NGV 1 Approved)



## VRA - ACCESSORIES

<b>Model Number</b>	<b>Description</b>
PR770130	3-way Nozzle Vent Valve P30
	
PR770131	3-way Nozzle Vent Valve P36
	
CD770365	Dryer - High Capacity
	
CD770353	Dryer - Low Capacity
	
CD770383	Low Capacity Dryer Cartridge
	
PR770396	Protection Pole with Nozzle Holder
	





## VRA - ACCESSORIES

Model Number	Description
PR770050-1	Handle Kit - Straight
PR770051-1	Handle Kit - 90° Elbow
CD770273	1/4" "T" Fitting
IX770095	1/4 Cap Fitting
IX770088	1/4" Shut Off Valve
CD770264	1/4" Union Coupling Fitting
CD770220	1/8" Union Coupling Fitting
PR770369	1/8" Tubing Assembly 1.5m (5ft)
PR770079-1	1/8" Tubing Assembly 3m (10ft)
PR770370	1/8" Tubing Assembly 4.5m (15ft)
PR770080-1	1/8" Tubing Assembly 6m (20ft)
MC770029	Lubricant Syntheso 270
PR770214	Fuse Kit

## DIAGNOSIS TOOLS

Model	Description
TA770093	<b>CD Software + Interface Cable</b> The CD includes diagnosis software for HRA and VRA

## DISPLAY UNITS

Model Number	Description
E77HRAG15DSPE 	<b>Phill Display Unit</b> with English Labels and Hose (functional nozzle)
E77SQDSPE 	<b>Small Q Display Unit</b> with English Labels and Hose (functional nozzle)