



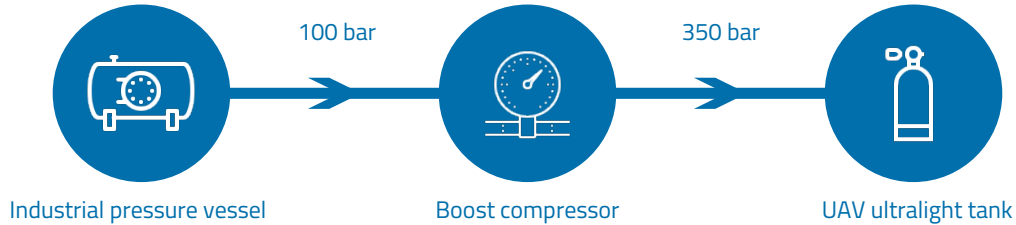
COMPATIBLE WITH  
A SERIES & F SERIES CYLINDERS  
H<sub>2</sub> PRESSURE REGULATOR

## ELECTRIC BOOST COMPRESSOR

BOOSTS PRESSURE FILLING UP TO 300 OR 350 BAR

**H<sup>3</sup> Dynamics**

The H3 Dynamics electric gas booster pump system increases a low-pressure hydrogen supply to allow filling of high pressure (300-350 bar) composite cylinders. The pump is self-contained with gauges, valves, an hour meter and a power switch. The pump includes a high and low pressure safety switch as well as a high pressure safety relief valve.



<b>Dimensions</b>	L: 940 mm   H: 292 mm   D: 559 mm
<b>Weight</b>	65.9 kg
<b>Voltage <sup>1</sup></b>	120 or 240 VAC single phase
<b>Motor Frequency</b>	60/50 Hz
<b>Operational Speed <sup>2</sup></b>	70 cycles/min
<b>Cooling</b>	Air cooled
<b>Noise</b>	< 63 dB
<b>Maximum Inlet Pressure</b>	372 bar
<b>Minimum Inlet Pressure</b>	34 bar
<b>Maximum Outlet Pressure</b>	386 bar
<b>Maximum Flow Rate <sup>3</sup></b>	617 slpm

<sup>1</sup> Other voltages available as well as 3 phases

<sup>2</sup> Variable Speed Option

<sup>3</sup> Dependent on input pressure