

# **HORI 151v**

## **Liquid compressor for hazardous chemicals**

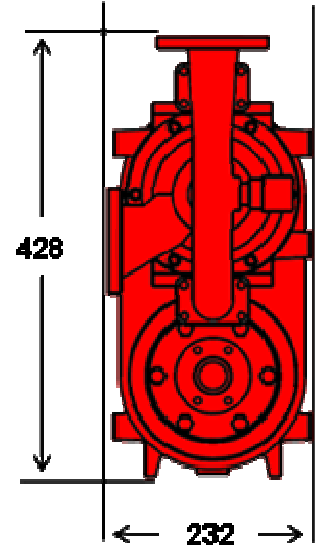
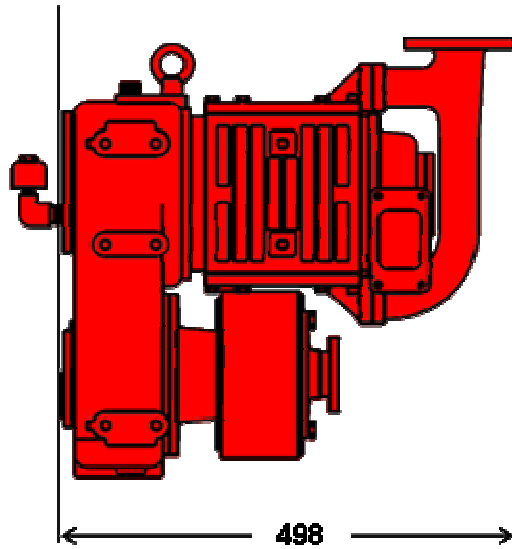
**Pressure up to 3 bar Vacuum up to 95%**



The HORI 151v uses technology similar to a piston compressor but is absolutely oil free. It has been designed specifically for the European general purpose liquid markets as a superb advance over Rotary Vane compressors. This next generation product incorporates the original Japanese technology with advanced features allowing it to operate up to 3,0 bar pressure and 95% vacuum in a compact new design. It can be driven in any direction which takes away the risk of any wrong rotation.

Suitable for:

- No carbon vanes
- 2,5 bar continuous
- Vacuum up 95% (- 0,95 bar)
- 2,8 bar Relief Valve
- 70 m<sup>3</sup>/h to 200m<sup>3</sup>/h
- Oil free
- Very Low Noise
- Low Power
- Maintenance almost zero
- Bi- Rotational
- Direct PTO Drive
- Low input speed
- 600 rpm to 1000 rpm
- High vacuum
- Standard 3 year Warranty
- 94 kg inc. Accessories
- Low Cost
- Bearing Life 20 years +



Description	Unit	Details
Flow at inlet	m <sup>3</sup> /h	min. 70 max. 200
Input speed	rpm	min. 600 max. 1000
Working Pressure	bar (g)	2,5 bar. relief valve 2,8 bar
Vacuum	bar (g)	Continuous -0,95 bar (95%)
Power consumption (2,0 bar)	kW	8 max.
Power consumption (2,5 bar)	kW	9,5 max.
Dimensions	mm	232 x 428 x 498
Weight inc. accessories	kg	94

#### Benefits

- ▶ Oil free
- ▶ 2,5 bar continuous
- ▶ 2,8 bar relief valve – 3,0 bar available
- ▶ -0,95 bar vacuum available
- ▶ Oil change 1 time per year (common motor oil)
- ▶ No other maintenance
- ▶ Standard 3 year guarantee
- ▶ No carbon vanes
- ▶ Bi – rotation input drive
- ▶ Long bearing life (20 years +)

#### Advantages

- ▶ Very Low noise
- ▶ Low power
- ▶ Low weight
- ▶ Unique continuous high vacuum
- ▶ Low maintenance
- ▶ Low bearing rpm
- ▶ Low rotor rpm
- ▶ Low input rpm
- ▶ Low fuel consumption
- ▶ Low cost