

## SPECTRA PUMP RANGE WALL MOUNT



Please read carefully **BEFORE** commencing installation.

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## **IMPORTANT WARNING NOTES**

1. This dispenser **MUST NOT** be used to dispense petrol or other flammable liquids.
2. It must not be sited adjacent to a petrol dispenser or any other hazardous zone.
3. On above ground storage tanks, a spring loaded angle check valve or pressure regulating valve must be fitted at the tank outlet to prevent loss of fuel under gravity in the event of vandalism or damage.
4. Installation of this equipment and its associated tank and pipe work should only be carried out by qualified fuel installation engineers.
5. The installation must conform to all relevant electrical and local authority regulations and standards.
6. **SPS.12/24v kits ONLY:** The supplied strainer must be fitted to the pump inlet or installed into the pumps suction inlet pipework or warranty will be void.

## **OPERATION WARNING - FAILURE TO OBSERVE THE WARNINGS BELOW MAY LEAD TO THE PUMP UNIT BEING DAMAGED:**

1. Please ensure that the delivery hose is stowed correctly after each use to prevent it being run over by a vehicle.
2. Do not run the pump dry.
3. Do not run the pump for prolonged periods on bypass. (Nozzle closed)  
**Maximum running time on bypass = 2 minutes.**
4. **DUTY CYCLE** as below: Duty cycle may vary with load and ambient temperature.

**12v versions = 30 minute duty cycle**

**24v versions = 15 minute duty cycle**

**110v versions = 10 minute duty cycle**

**230v versions = 30 minute duty cycle**

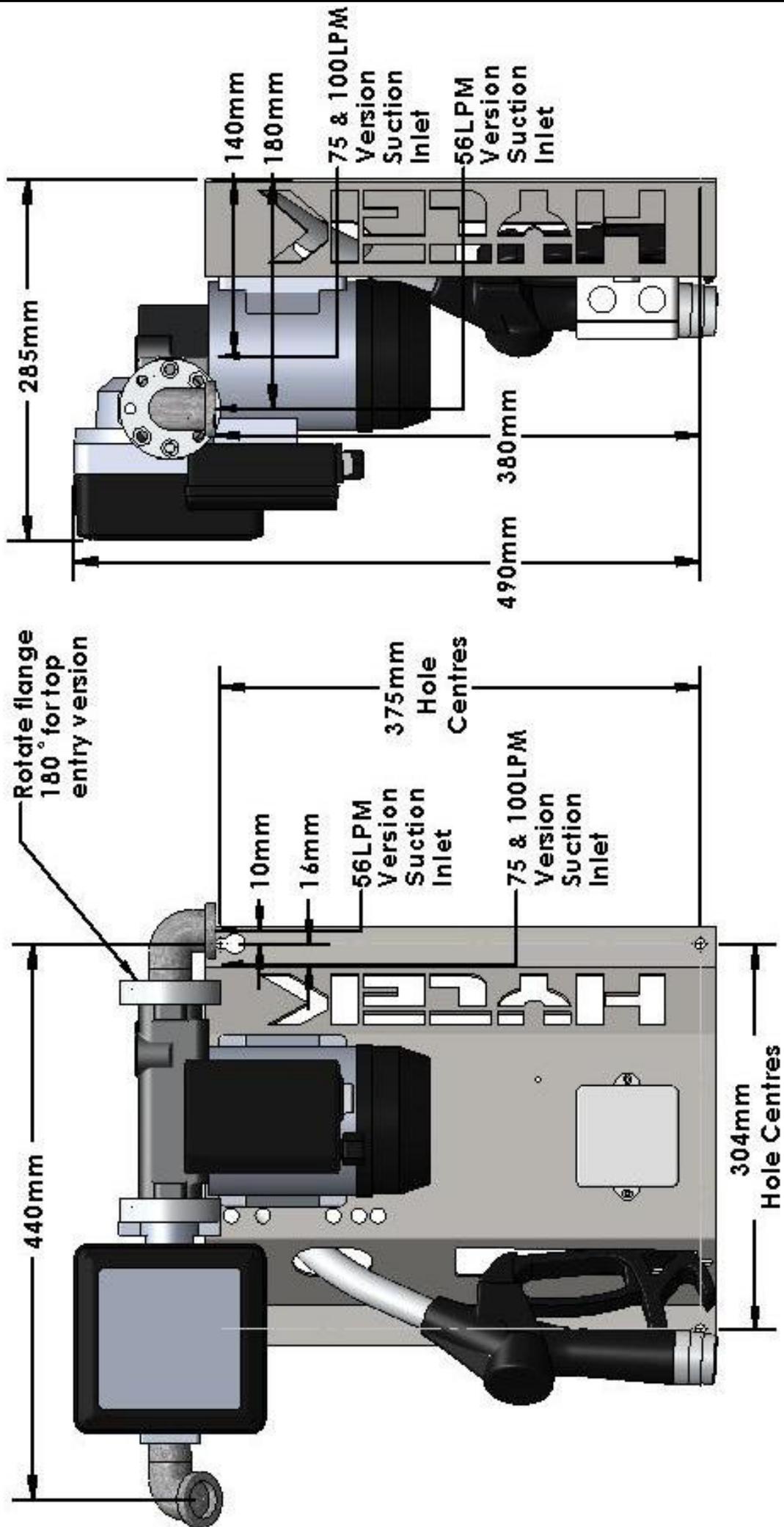
## **INSTALLATION**

1. Bolt the pump back plate to a wall using the holes provided. See mounting diagram for details.
2. For top entry suction applications unbolt the inlet flange and rotate 180 degrees so the inlet points upwards.
3. SPS.12/24v kits **ONLY**: The supplied brass inlet strainer must be fitted to the pump inlet port or installed into the pumps suction pipework or warranty will be void.
4. Connect the pipe from the tank to the suction inlet of the pump. For 230v and 110v AC models the inlet thread is 1" BSP female. For 12v and 24v DC operated pumps, the inlet thread is 3/4" BSP female. If the pump is more than 2m from the tank the pipe should be 1½ diameter reducing to the appropriate size just before the pump inlet. Seal the threads with a suitable thread-sealing compound.
5. If no filter is to be connected to the outlet fit the outlet elbow supplied sealing the joint with a suitable thread-sealing compound. If a filter is to be connected fit the filter as per the specific instructions supplied sealing the joints with a suitable thread-sealing compound.
6. Connect the hose supplied (or suitable "soft wall" hose) to the pump outlet. In turn, connect the nozzle supplied (or suitable trigger or automatic nozzle) onto the hose. Seal both with a suitable thread-sealing compound.
7. Connect a suitable power supply, fused at 10 amps for 230v AC and 16A for the 110v AC into the junction box provided as follows:

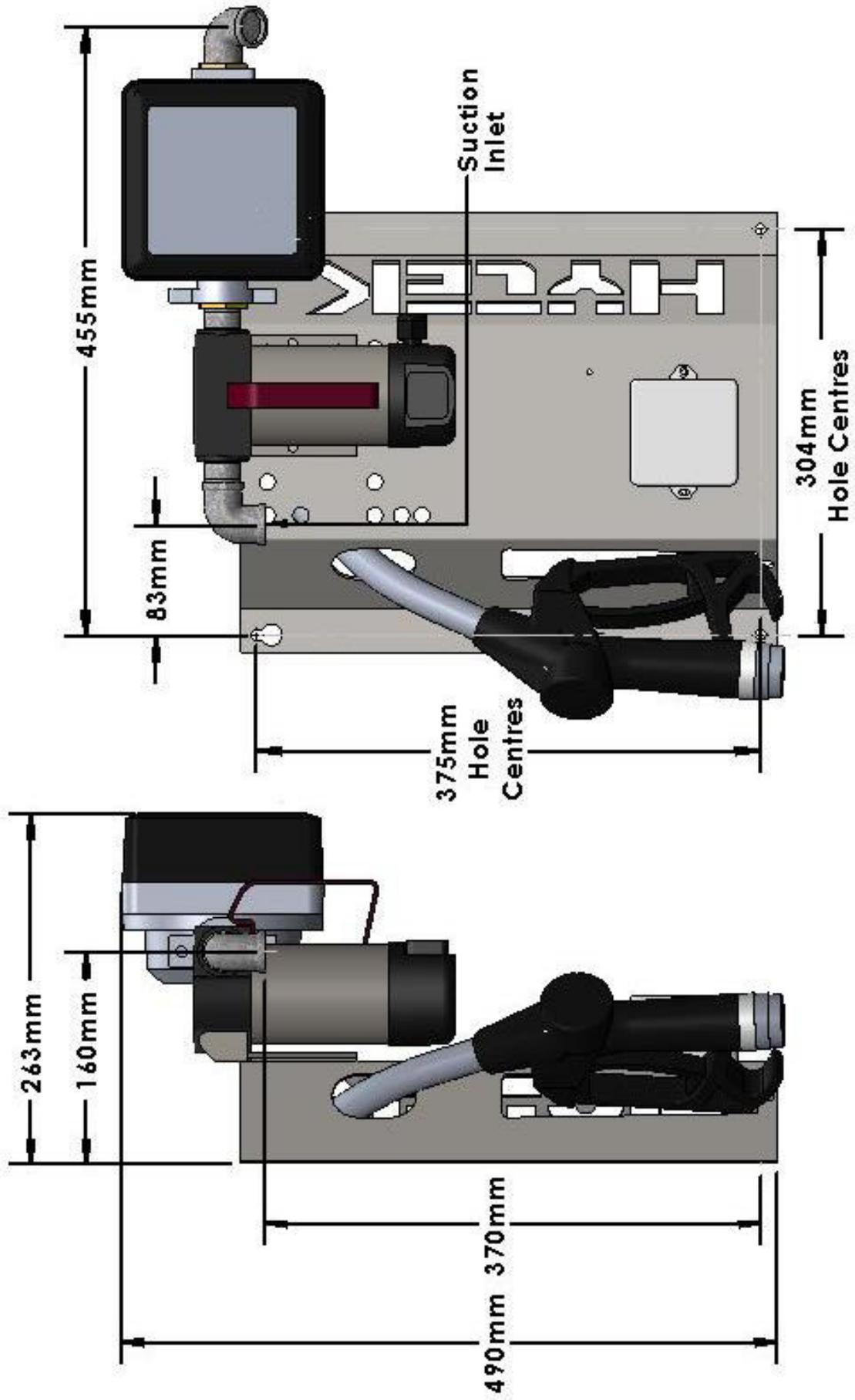
230v AC:	Brown – Live	110v AC:	Black – Live
	Blue – Neutral		White – Neutral
	Yell/Grn – Earth		Green – Earth

12/24v DC: Red – Positive (+ Volts)  
Black – Negative (- Volts)

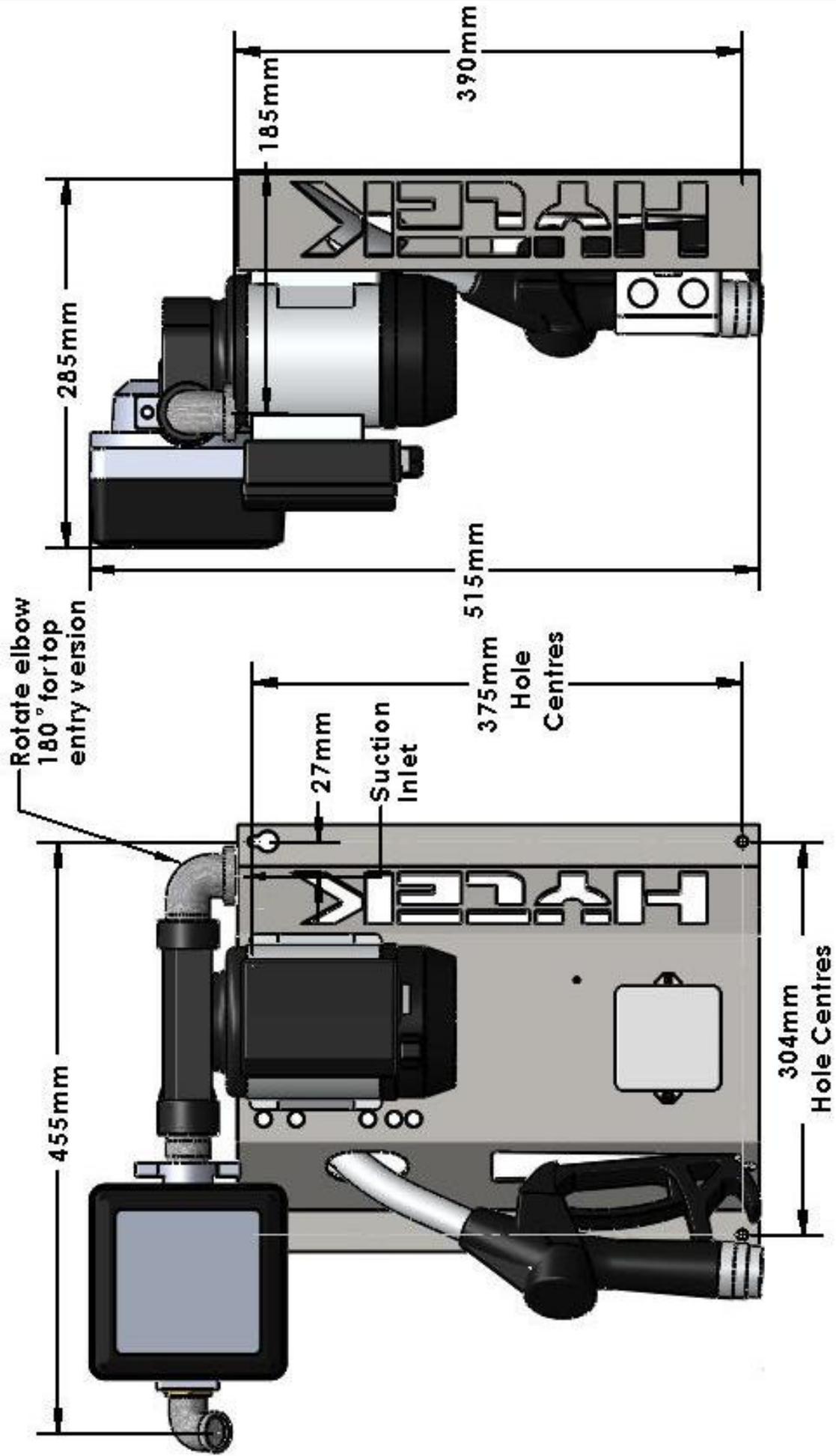
**WALL MOUNTED 230V AC SPECTRA DIMENSIONS AND MOUNTING DETAILS**



**WALL MOUNTED DC SPECTRA DIMENSIONS AND MOUNTING DETAILS**



**WALL MOUNTED 110V AC SPECTRA DIMENSIONS AND MOUNTING DETAILS**





# DECLARATION OF CONFORMITY



Date of Issue: 10<sup>th</sup> March 2009  
Amended: 23<sup>rd</sup> December 2009

Equipment Details: Spectra Pump Range of Diesel Pumps  
230v AC, 110v AC, 12/24v DC

Applicable standards: EMC  
EN61000-6-3:2001 (+A11) Emissions  
  
2006/95/EC Electrical Equipment  
(Low Voltage)  
  
Machinery Directive 2006/42/EC  
  
The Pressure Equipment Regulations  
1999 S.I. 1999/2001  
Entry Into Force:- 29 November 1999  
Amended to S.I. 2002/1267  
Pressure Equipment Directive 97/23/EC  
  
Waste Electrical and Electronic Equipment  
Regulations 2006  
2002/96/EC 2003/108/EC

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Declaration Number: EC019