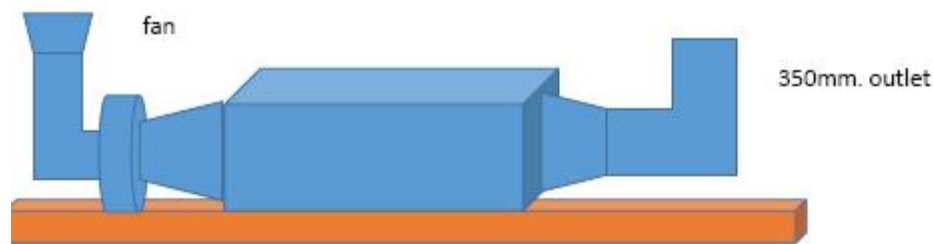


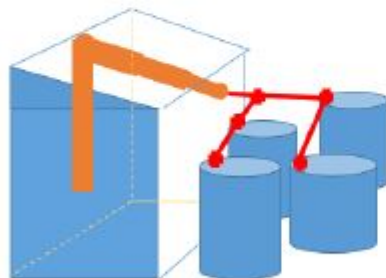
The unit "box" is 1200 x 1200 x 2500mm. One end has a fan with duct which extends just above man height.



The inflow is via a 350mm duct which reaches up by approx. 6m. where it enters the shed. The required extraction rate is 3500m³/hr. which turns the shed volume over about four times in an hour.

The duct and box have to be in stainless steel to combat ammonia and its derivatives.

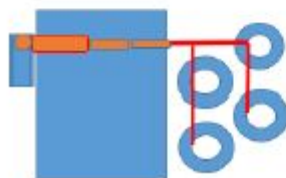
The duct in the shed will be designed with the help of a ventilation engineer. I suspect it will have three inlet grilles in duct of descending size in the roof space. It will exit at 150mm. where it mates with the extra duct bleeding air from three tanks.



Until we have drawings and my air movement company provide a full detailed layout this is our best estimate.

The position of the duct will be above the litter in a place where no damage can occur.

NOTE. THE Ipur-Air unit can be mounted vertically with the fan at its side and the 350mm duct going straight up. This saves space and may look neater.



The outflow odour is usually a factor of 100x less. Our experience with ammonia is in line with this. The unit will have ammonia sensors on the inlet and outlet duct.