

## Environmental humidity set-up if using radiant warmer:

### *Equipment for radiant warmer set-up:*

- Air flow meter connected to wall air source
- Green oxygen tubing attached to air flow meter
- Circuit RT330 (Optiflow tubing kit)
- Humidifier base (MR850AEA)
- Temperature probe
- Heater wire electrical adaptor
- Water bag for humidifier
- Double layered cling film or large clear plastic sheet large enough to cover and tuck in around the neonate's nest
- Cloth nappy (or towel) rolls for nesting
- Drager humidity indicator
- Slek tape
- Tracheostomy tie approximately 50 cm long

### Set-up:

- Set air initially flow to 8 litres per minute; decrease to 3-4 litres per minute once desired humidity level is reached
- Ensure flow is not pointed directly at neonate and does not touch the neonate's skin – keep the end of the circuit at least 10cm from the patient; use sleek tape to secure end of circuit in position
- Humidifier temperature setting should be the endo-tracheal tube setting
- Ensure clear plastic sheet is tucked in securely around neonate's nest as much as possible
- Transfer neonate to incubator to deliver humidity as soon as clinically appropriate (e.g. surgery is complete and patient will tolerate the transfer)
- Ensure humidity indicator is visible, and placed near patient; to read humidity indicator read at the centre of any bar that matches the pink background
- If droplets of water accumulate under the plastic cover, wipe droplets of water with a dry cloth; replace the plastic sheet if necessary
- Tape tracheostomy tie on top of plastic cover and secure to top of radiant warmer (pictured below) to prevent plastic sheet from touching the baby; ensure the tie is taped well away from radiant heat source

