

SUBJECT: A Cost Effective Option for Using a Heated Wire Single-Limb Breathing Circuit on the Newport HT50 Ventilator



A cost effective option for heated wire circuit users is to purchase the inspiratory line with heated wire and temperature port from Allegiance, then add the Newport HT50 reusable exhalation valve with tubing and your own humidifier and pressure sensing tubings. The Newport Proximal Pressure Adapter Tee may be used for teeing the proximal pressure sensing line into the dry side of the humidifier. Use the cap that comes with the Tee to cap off the proximal port on the HT50 exhalation valve.

You supply your own:

Pressure Tubing
3/16" or 4 mm ID

Humidifier Tubing
22 mm ID

Allegiance (heated wire) Inspiratory Line
(22 mm ID)

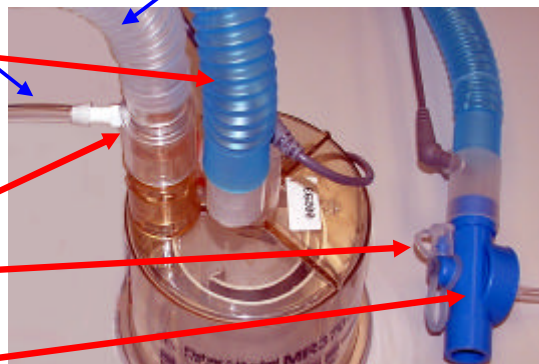
Allegiance p/n:
1004-H05 (4 ft)
1005-H05 (5 ft)
1006-H05 (6 ft)

Newport Proximal Pressure Adapter Tee
(Including cap)

Newport p/n:
NP130-22

Newport HT50 Exhalation Valve
(Including tubing)

Newport p/n:
HT600039



- ➡ Make sure to use the appropriate humidifier, heater wire adapter with the heated wire circuit.
- ➡ For small pediatric patients ventilated with the HT50 Ventilator, an 8 feet (2.5 meter) long, 22 mm ID breathing circuit is ideal. When using a heated inspiratory limb that is shorter than 8 feet (2.5 meters) long, it is a good idea to lengthen the humidifier tubing to make up the difference in length.

If you have any questions about this information please contact Newport Clinical Marketing: 1.949.6423910 ext 218 or email: clinical@newportnmi.com.