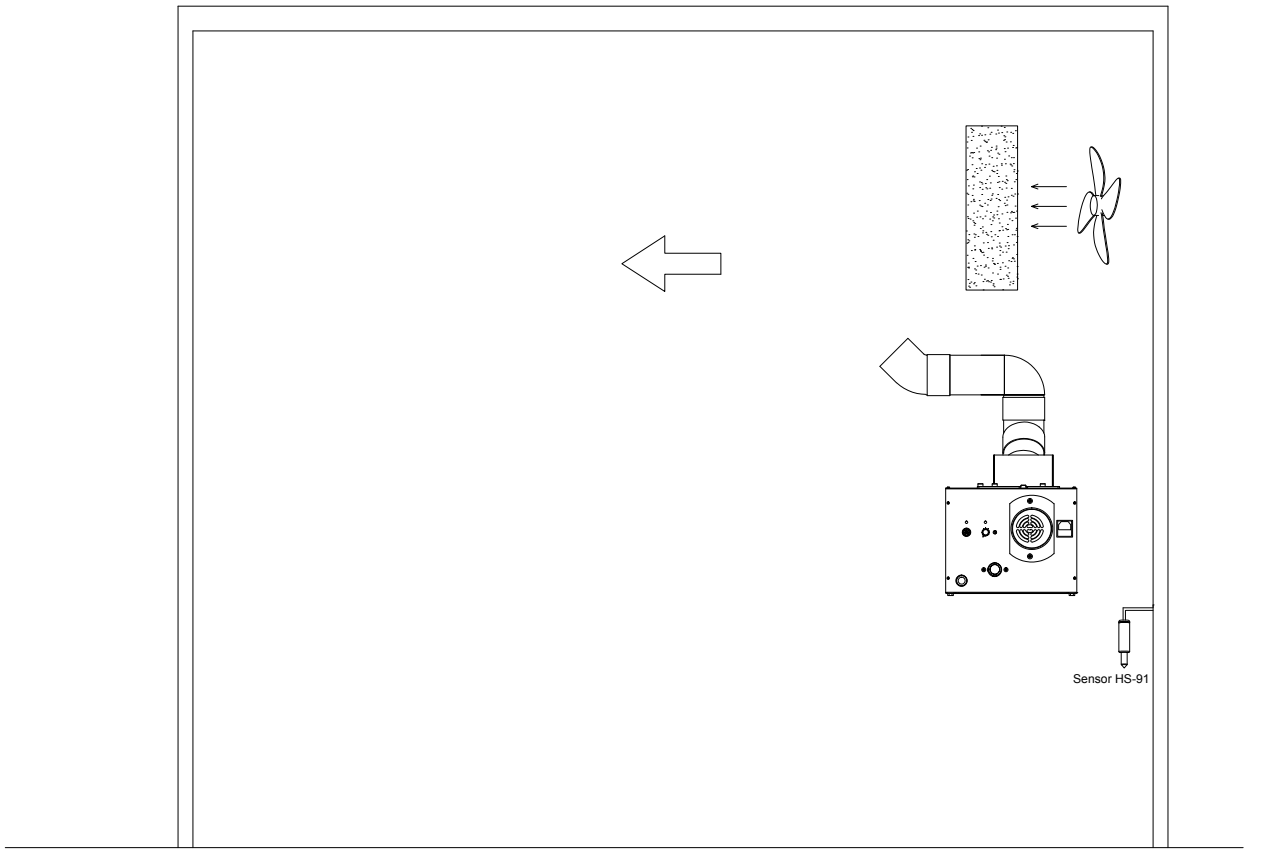


# Humidifier in a coldroom

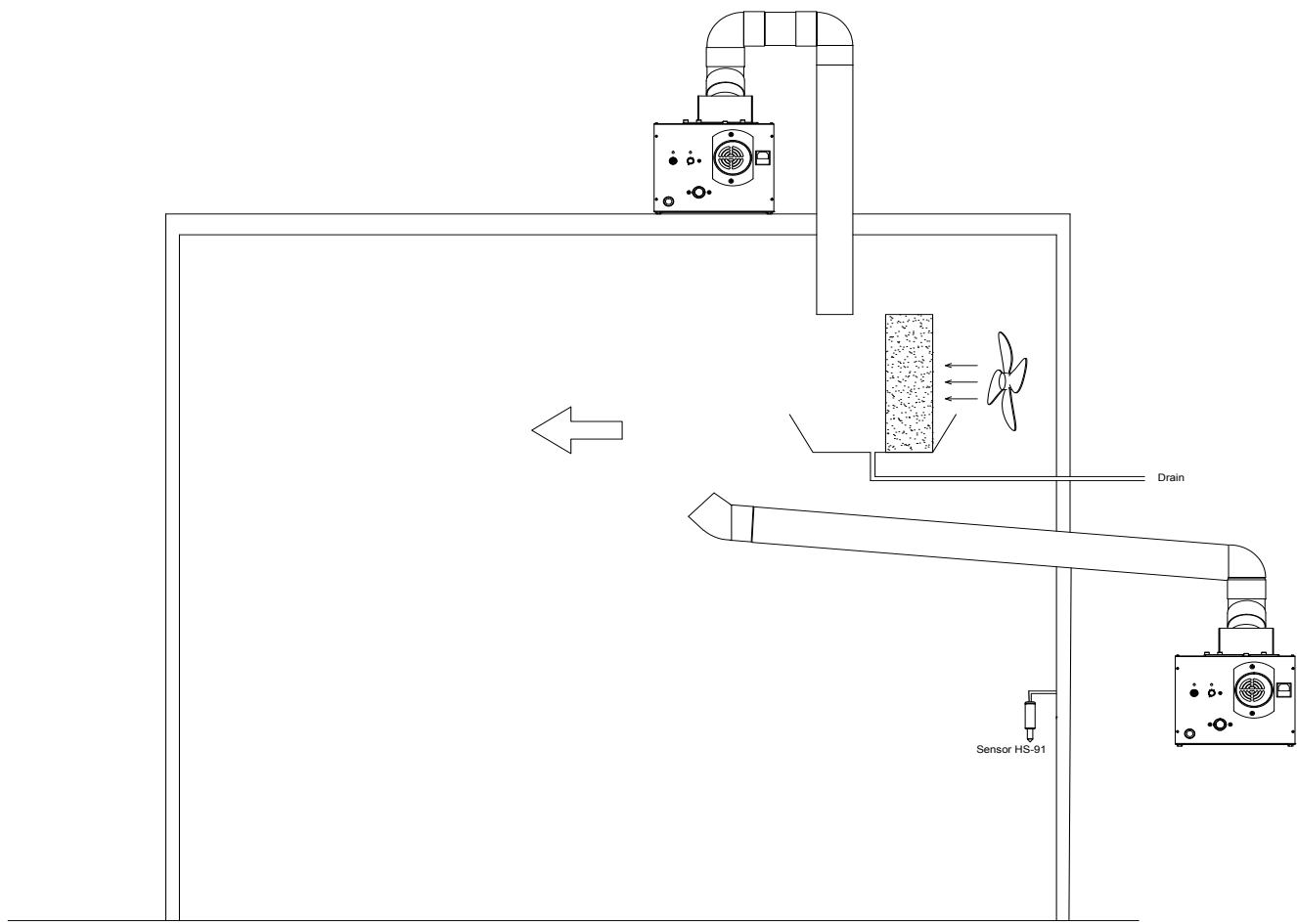
APPLICATION NOTE

## Humidifier inside a coldroom



- The humidifier and R.O. equipment should be installed inside a coldroom in the following conditions:
  - RH < 99%
  - T > 0 °C
- In all other conditions it must be installed on top or on the outside of the coldroom, but the ambient conditions must be:
  - RH < 99%
  - T > 0 °C and < 40 °C
  - and protected from weather conditions

## Humidifier outside a coldroom



- Contact condensation inside the ducting must be drained away or allowed to flow back to the humidifier when the humidifier is in a lower position.
- The outlets should be just behind the evaporator of the coldroom and have a length of at least 75 cm.
- The humidifier may be controlled on the humidifier control panel itself in combination with:
  - a) HS-91P
  - b) DZR-45/HS-91/HK-01 (outside the coldroom)
  - c) HTR-10 (inside the coldroom)
  - d) any 0-10 volt signal with an HK-01 cable from an external controller/computer.

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