

# Humidified high flow nasal cannula oxygen ventilator OH-70C

## Technich sheet

### 1.1 Performance parameter

Parameter	Scope	Accuracy
Oxygen concentration	21%~100%	±5%
Flow	10L/min~70L/min (high flow mode) 2L/min~25L/min (low flow mode)	±5L/min (25L/min~70L/min) ±2L/min (2L/min~25L/min)
Temperature	31°C~37°C	±2°C
Humidity	2L/min~70L/min	>10mg/L
	37°C, ≤40L/min	>33mg/L
PE drop	70L/min	<2cmH <sub>2</sub> O
PI drop	70L/min	<2cmH <sub>2</sub> O
Humidifier compliance	Humidifier compliance is not affected by the water chamber	<10mL/kpa
Leakage	70L/min	<10mL/min

### 1 2.Environmental parameter

Parameter	Operating condition	Storage condition
Temperature	18°C~30°C	-10°C~60°C
Relative humidity	15%~73% (non-condensate)	15%~95% (non-condensate)
Atmospheric pressure	83~102kPa (5,600 feet above the sea level)	—————
Pressure range of high-pressure oxygen	280kPa~600kPa	—————

### 1.3 Physical & electrical parameter

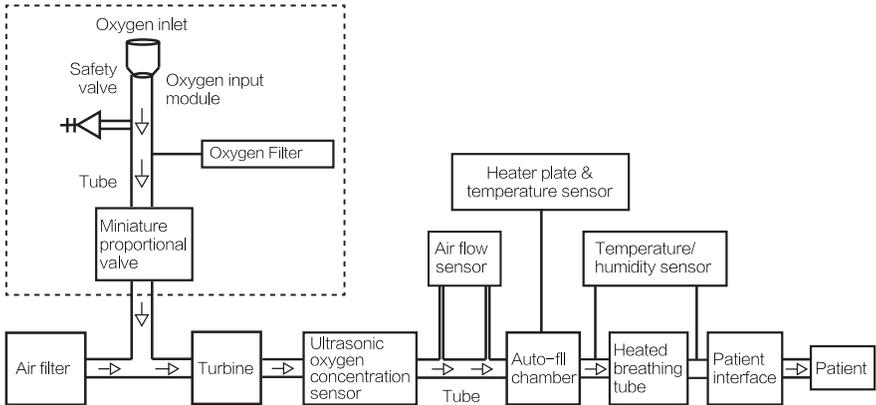
Parameter	Value
Outline dimensions	340mm L x 228mm W x 162mm H
Weight	3.3kg
AC power supply	100-240VAC~50Hz/60Hz
DC power supply	24V
AC current	2.5A Max
DC current	4.2A

### 1.4 Electrical safety classification

Parameter	Value
Safety class against electric shock	Class-II
Electric shock protection degree	BF application component
Waterproof level	IP21
Mode of operation	Continuous operation
Safety class when used in combustible anesthetics mixed with air or oxygen or helium oxide	It can't be used in combustible anesthetics mixed with air, oxygen or helium oxide

# Pneumatic schematic diagram

1. The pneumatic schematic diagram of OH-70C and OH-70B is as follows:



2. The pneumatic schematic diagram of OH-60A is as follows:

