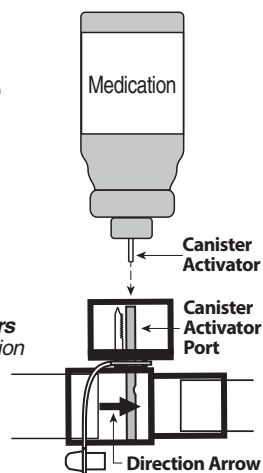


F Canister Insertion

Standard Canister

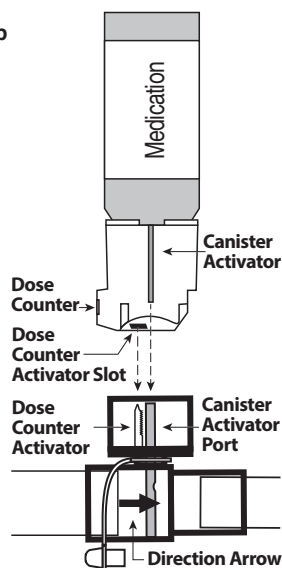
1. Install **RTC 24-V** in **Patient Circuit**. (panel D/E)
2. Remove **Rubber Cap** from **RTC 24-V**.
3. Insert **Pressurized Medicine Canister** into top of **RTC 24-V**.
4. Ensure that **Canister Activator** is inserted into **Canister Activator Port**.



Note: Standard Canisters are **not** stable after insertion into **RTC 24-V**. Constant support between **Standard Canister** and **RTC 24-V** must be provided.

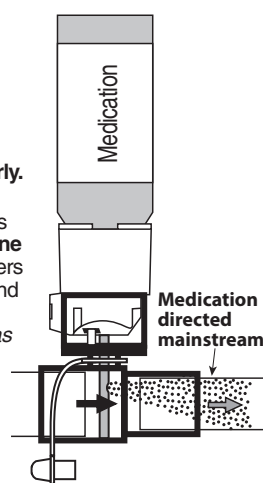
Canister with Dose Counter

1. Install **RTC 24-V** in **Patient Circuit**. (panel D/E)
2. Remove **Rubber Cap** from **RTC 24-V**.
3. Insert **Pressurized Medicine Canister** into top of **RTC 24-V** with **Dose Counter** facing away from **Direction Arrow**.
4. Ensure that **Canister Activator** is inserted into **Canister Activator Port**.
5. Ensure that **Dose Counter Activator** is inserted into **Dose Counter Activator Slot**.



G Canister Activation

- Prior to activation, make sure that the **Pressurized Medicine Canister** is fully seated in **RTC 24-V**.
 - While activating the **Pressurized Medicine Canister**, press the canister straight down without tilting.
 - Two hands may be necessary to keep canister aligned properly.
1. At the **beginning** of the inspiratory cycle, depress the **Pressurized Medicine Canister** by placing fingers underneath **RTC 24-V** and pressing top of canister with thumb. If canister has a **Dose Counter**, it will be tripped by the **Dose Counter Activator**.
 2. Remove **Canister** from **RTC 24-V**.
 3. Replace **Rubber Cap**.



H Sterilization/Disinfection

These products are designed for **Single Patient Reuse**. (Can be used to repeatedly administer medications to one single patient while installed in a breathing circuit)

They are packaged as **non-sterile**; **Instrumentation Industries, Inc.** recommends processing before use. After installation into a breathing circuit, cleaning is not necessary. Discard when replacing the circuit according to facility guidelines.

Recommendations for RTC 24-V and RTC 24-V KIT:

Carefully follow facility guidelines for preparing products and solutions for the sterilizing and disinfecting methods and equipment being used. Sterilization and High Level Disinfection Procedures have been validated for the following equipment and methods:

Sterilization

STERRAD 100S

Full short sterilization cycle (Hydrogen peroxide gas plasma, 55 minutes, 45°C - 55°C).

High Level Disinfection

Pasteurization

Pasteurize at 70°C +/- 3°C (153° - 163°F) for a minimum of 30 minutes.

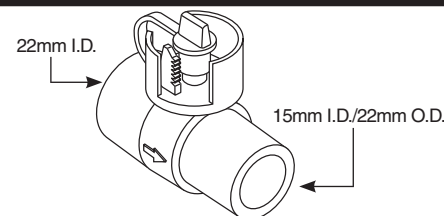
Cidex® OPA

Prepare Cidex® OPA solution. Use a syringe to fill all crevices with Cidex® OPA, then totally submerge adapters in the disinfectant. Follow the manufacturer's instructions for temperature and soak time requirements.

Always carefully examine the physical integrity of this product after processing. Do not use if cracking or crazing is seen, or if parts fit together improperly after processing.

I Product Specifications

RTC 24-V



Model #	RTC 24-V	
Type	Metered Dose Inhaler Adapter	
Use	Single Patient Reuse	
Port Sizes	Inlet	22mm I.D.
	Outlet	15mm I.D./22mm O.D.
Dimensions	Length	2 in.
	Width	1.1 in.
	Height	2 in.
Materials	Body	Polystyrene-Butadiene
	Cap	Thermoplastic Rubber
Color	Body	Clear
	Cap	Clear

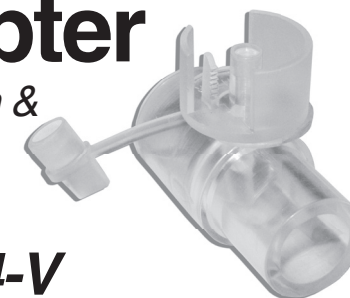
RTC 24-V KIT

Model #	RTC 24-V KIT	
Use	Single Patient Reuse	
Kit includes one each:		
1. Model #	RTC 24-V	See Above
2. Model #	KC 004-5	
Type	22mm I.D. Tubing	
Dimensions	Length 4 in. Width 1 in.	
Material	Polyolefin Plastomer	
Color	Transparent	
3. Model #	KC 2124	
Type	Adult Adapter	
Port Sizes	15mm I.D./22mm O.D. x 15mm I.D./22mm O.D.	
Dimensions	Length 1.9 in. Width 1.1 in.	
Material	Polystyrene-Butadiene	
Color	Clear	

Instrumentation Industries, Inc.

MDI Adapter

Installation & Usage Directions



RTC 24-V RTC 24-V KIT

For use with metered dose inhaler canisters, with or without a dose counter, with standard size metal (.109 inch diameter) or plastic (.124 inch diameter) stems.

Single Patient Reuse

Can be used to repeatedly administer medications to one single patient while installed in a breathing circuit

Visit iiimedical.com/symbols.pdf for the Glossary of Symbols used in Instrumentation Industries, Inc. labeling.



Instrumentation Industries, Inc.

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 Fax: 1-412-854-5668
 E-mail: sales@iiimedical.com
www.iiimedical.com



— Not made with Natural Rubber Latex
 — Not made with Di(2-ethylhexyl) phthalate (DEHP)
 — Not made with Bisphenol A (BPA)

A Indications for Use

RTC 24-V — Metered Dose Inhaler Adapter

RTC 24-V KIT — Metered Dose Inhaler Adapter Kit

The Instrumentation Industries, Inc. RTC 24-V MDI Adapter and RTC 24-V KIT MDI Adapter Kit are actuators for intermittent delivery of prescribed aerosol medication dispensed in cylindrical-style metered dose inhalers. The RTC 24-V MDI Adapter and RTC 24-V KIT MDI Adapter Kit are intended for use only when connected to ventilator tubing or tracheal tubes.

The RTC 24-V MDI Adapter and RTC 24-V KIT MDI Adapter Kit are intended to be prescribed for any patient who is ventilator-dependent and to whom a metered dose inhaler has been prescribed. The expected clinical environment for the RTC 24-V MDI Adapter and RTC 24-V KIT MDI Adapter Kit is Critical Care and/or long term or short term ventilation.

The components of the RTC 24-V KIT consist of one RTC 24-V MDI Adapter, one four inch length of 22mm inner-diameter tubing, and one 15mm inner-diameter/22mm outer-diameter adapter.

The RTC 24-V MDI Adapter and RTC 24-V KIT MDI Adapter Kit are intended for single patient reuse. These devices are intended for sale by or on the order of a physician.

B Contraindications

None known.

C Notes

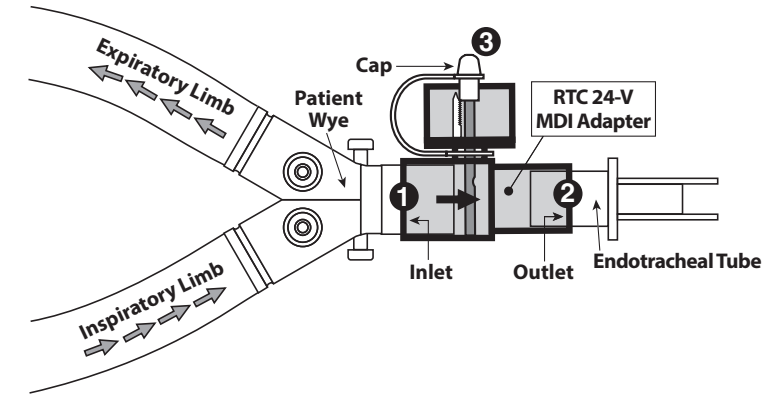
- All illustrations are examples.
- Consult facility validated procedures for desired placement.

D RTC 24-V— Installation Directions

RTC 24-V — Placed at Endotracheal Tube

1. Connect RTC 24-V Inlet to Patient Wye, as shown. ①
2. Connect RTC 24-V Outlet to Endotracheal Tube. ②
3. Ensure that Rubber Cap is placed on MDI Activator Port until MDI canister is inserted. ③

Direction arrow on RTC 24-V must be pointing in the direction of airflow.

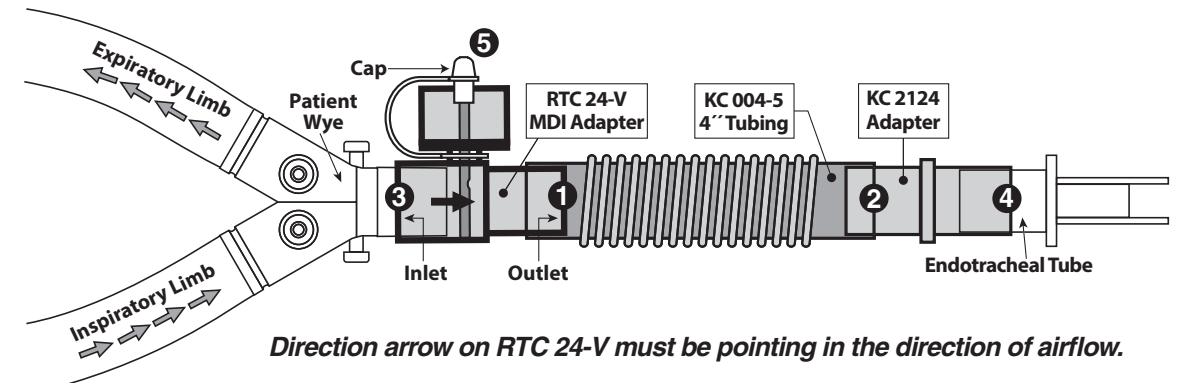


E RTC 24-V KIT — Installation Directions

RTC 24-V KIT — Placed at Endotracheal Tube — RTC 24-V MDI Adapter • KC 004-5 Tubing • KC 2124 Adapter

1. Assemble RTC 24-V, KC 004-5, and KC 2124 before connecting to the Patient Circuit.
 - a. Connect RTC 24-V Outlet to KC 004-5. ①
 - b. Connect RTC 24-V/KC 004-5 to KC 2124. ②
2. Connect RTC 24-V/KC 004-5/KC 2124 Assembly to Patient Wye at RTC 24-V Inlet, as shown. ③
3. Connect RTC 24-V/KC 004-5/KC 2124 Assembly to Endotracheal Tube at KC 2124. ④
4. Ensure that Rubber Cap is placed on MDI Activator Port until MDI canister is inserted. ⑤

Direction arrow on RTC 24-V must be pointing in the direction of airflow.



RTC 24-V KIT — Placed Inline — RTC 24-V MDI Adapter • KC 004-5 Tubing • KC 2124 Adapter

1. Assemble RTC 24-V, KC 004-5, and KC 2124 before connecting to the Patient Circuit.
 - a. Connect KC 2124 to RTC 24-V Inlet. ①
 - b. Connect KC 2124/RTC 24-V to KC 004-5 at RTC 24-V Outlet. ②
2. Connect KC 2124/RTC 24-V/KC 004-5 Assembly to Inspiratory Limb of Patient Circuit at KC 2124. ③
3. Connect KC 2124/RTC 24-V/KC 004-5 Assembly to Patient Wye at KC 004-5. ④
4. Ensure that Rubber Cap is placed on MDI Activator Port until MDI canister is inserted. ⑤

