

August 2020 Med Tips

PRODUCT UPDATES

Shipping Li-ion Batteries

All shipments containing lithium ion (Li-ion) batteries require updated warning labels. Lithium ion batteries packed by themselves must be shipped at a state of charge not exceeding 30% of their rated design capacity. Cells and/or batteries at a state of charge greater than 30% may only be shipped with the approval of the State of Origin and the State of the Operator under the written conditions established by those authorities. See Figure 1 below.



Figure 1: FreeStyle Comfort Battery below 30%

Label UN3480 should be used for Li-ion batteries or power cartridges packed by themselves (CAIRE PN: LA454-1). Label UN3481 should be used for Li-ion batteries or power cartridges packed with equipment (CAIRE PN: LA454-2). See Figure 2 below.



Figure 2: UN3480 and UN3481 Label Examples

These guidelines for Li-ion shipping apply to all CAIRE concentrators equipped with Li-ion batteries, such as the Eclipse 5[®], Freestyle[®] Comfort, FreeStyle[®] 3, FreeStyle[®] 5, Focus[™].

Please refer to Service Bulletin PN 21472390.

HEPA Filter 4770-SEQ Changed with New HEPA Filter 21360366

Please note the HEPA Filter Part Number 4770-SEQ will be replaced by Part Number 21360366. This will affect spare parts and/or manufacturing of the Eclipse, SAROS, and eQuinox concentrators. The HEPA Filter with Part Number 4770-SEQ will still be available until the current inventory is depleted. The drawings below show the differences between the two parts.

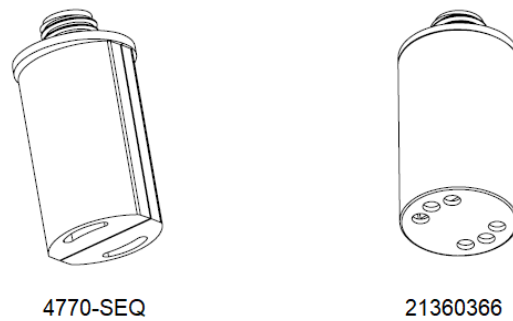


Figure 3: HEPA Filter Images

NewLife Units Valve Retainer Clip Change

Please note the valve retainer clips on the NewLife units has changed. The red plastic caps are no longer in use and have been changed to metal clips (see pictures below). The part number has remained the same, HA064-1.



Old Red Cap Retainer



New Metal Clip Retainer

Figure 4: Valve Retainer Clip Images

Helpful Hints & FAQs

Freestyle Comfort Backpack

We are pleased to announce the availability of the new Backpack for the Freestyle Comfort Portable Oxygen Concentrator (POC). This can be ordered using part number MI459-1.



Figure 5: Freestyle Comfort Backpack MI459-1

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Please consult the applicable product instructions for use for product indications, contraindications, warnings, precautions, and detailed safety information.



SERVICE BULLETIN

PN: 21472390

RELEASE DATE: August 30, 2019

MODEL: FreeStyle® Comfort® and all units that are equipped with li-ion batteries

ISSUE: Shipping Li-ion Batteries

NOTES: Effective January 1, 2019 all shipments containing lithium ion (Li-ion) batteries require updated warning labels.

Lithium ion batteries packed by themselves must be shipped at a state of charge not exceeding 30% of their rated design capacity. Cells and/or batteries at a state of charge greater than 30% may only be shipped with the approval of the State of Origin and the State of the Operator under the written conditions established by those authorities. See Figures 1 and 2 below.



Figure 1: FreeStyle Comfort Battery below 30%



Figure 2: FreeStyle Comfort Battery Indicating 25%

Given this requirement, any units received from end users should always be plugged in and allowed to charge to prevent misinterpreting a low battery alarm as a warranty return (i.e. Comfort alarm codes 0100 or 0010). See Figure 3 below.



Figure 3: Comfort Low Battery Warnings

Label **UN3480** should be used for Li-ion batteries or power cartridges packed **by themselves** (CAIRE PN: LA454-1). Figure 4 below.

Label **UN3481** should be used for Li-ion batteries or power cartridges packed **with equipment** (CAIRE PN: LA454-2). Figure 4 below.

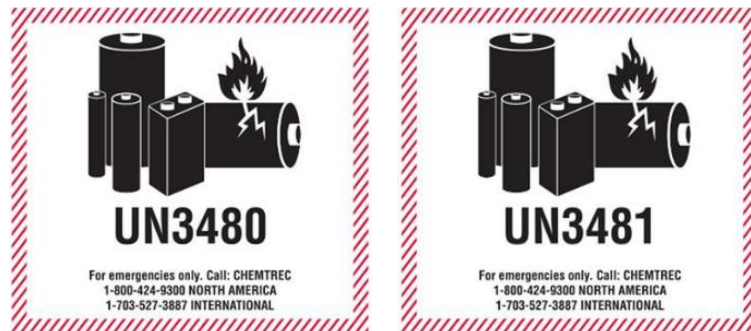


Figure 4: UN3480 and UN3481 Label Examples

Lithium ion batteries packed by themselves are forbidden for transport as cargo on passenger aircraft unless shipped under exemption issued by all states concerned, and appropriate Class 9 label and/or Cargo Aircraft Only label attached. See figure 5 below.



Figure 5: UN Class 9 Lithium Battery Label and Cargo Aircraft Only Label

These guidelines for Li-ion shipping also apply to all other CAIRE concentrators equipped with Li-ion batteries, such as the Eclipse 5[®], FreeStyle[®] 3, FreeStyle[®] 5, Focus[™].

Note: This bulletin does not substitute for knowledge of and training on the latest IATA Dangerous Goods Regulations relating to Li-ion regulations as well as applicable local, national, or international regulations regarding transport of Li-ion batteries.

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