



Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

MAR - 1 1999

Mr. Michael A. Leagre
King Systems Corporation
15011 Herriman Blvd.
Noblesville, IN 46060

Re: K983817
Breathing Circuit Bacterial Filter with Heat and Moisture
Exchanger, Models MS-101, MS-111 and MS-121
Regulatory Class: II (two)
Product Code: 73 CAH
Dated: February 10, 1999
Received: February 16, 1999

Dear Mr. Leagre:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

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This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4648. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597, or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,

A handwritten signature in black ink, reading "Thomas J. Callahan". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Thomas J. Callahan, Ph.D.
Director
Division of Cardiovascular,
Respiratory, and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K983817

Section #3

Device name: Bacterial/Viral filter and HME combination device.

Product numbers: MS-101, MS-111, MS-121

Intended use for all models is the same. Different products are offered for variations in size. Specifically, MS-101 is for use in pediatric cases; MS-111 and MS-121 are for use in cases where a larger dead space is not a concern for the physician.

Indications For Use:

1. A breathing circuit bacterial filter is a device that is intended to remove microbiological and particulate matter from the gases in the breathing circuit.
2. A Heat and Moisture Exchanger (HME) is a device intended to be positioned over a tracheotomy or tracheal tube to warm and humidify by passive means gases breathed in by a patient during anesthesia and ventilator care.

Concurrence of CDRH, Office of Device Evaluation (ODE)

Mark W. Warr
Prescription Use ✓
(Per 21 CFR 858.5260)

(Division Sign-Off)
Division of Cardiovascular, Respiratory,
and Neurological Devices

510(k) Number _____

OR

Over-The-Counter Use _____

(Optional Format 1-2-96)