

## 3100A & 3100B HFOV

high frequency oscillatory ventilators

## 3100A high frequency oscillatory ventilator



#### Notes:

- 1. Short heated wires are for heated environments such as radiant warmers, isolettes etc.
- 2. Long heated wires are for unheated environments such as cribs, bassinettes, beds etc.
- Each filtered circuit comes with one inspiratory and expiratory filter and a cap diaphragm set.
- 4. The expiratory filter needs to be changed every 24 hours, the inspiratory filter does not.

### 3100A HFOV unfiltered circuit kits

Pre-packaged kit for all required supplies—circuit, bellows, water trap, cap diaphragms and connecting tubing. Box of four complete kits. Humidifier chamber **NOT** included.

Part #	Item description
FISHER & PAYKEL 730 humidifiers	
29028-008	31A (F&P 730) Flexible circuit with short heated wire (Box of 4) (For heated environment)
29028-002	31A (F&P 730) Flexible circuit with long heated wire (Box of 4) (For non-heated environment)
FISHER & PAYKEL 850 humidifiers	
29028-003	31A (F&P 850) Flexible circuit with short heated wire (Box of 4) (For heated environment)
29028-004	31A (F&P 850) Flexible circuit with long heated wire (Box of 4) (For non-heated environment)

### 3100A HFOV filtered circuit kits

Pre-packaged kit for all required supplies—circuit, bellows, water trap, cap diaphragms and connecting tubing. Box of four complete kits. Humidifier chamber **NOT** included.

Part #	Item description
FISHER & PAYKEL 730 humidifiers	
29028-021	31A (F&P 730) Flexible filtered circuit with short heated wire (Box of 4) (For heated environment)
29028-009	31A (F&P 730) Flexible filtered circuit with long heated wire (Box of 4) (For non-heated environment)
FISHER & PAYKEL 850 humidifiers	
29028-010	31A (F&P 850) Flexible filtered circuit with short heated wire (Box of 4) (For heated environment)
29028-011	31A (F&P 850) Flexible filtered circuit with long heated wire (Box of 4) (For non-heated environment)

## Circuit supplies for the 3100A

Part #	Item description	
11437-PMN	Connecting tubing set – unfiltered circuits (one each of the red, blue and green tubing) (ea)	
11438-PMN	3-PMN Connecting tubing set – filtered circuits (one each of the red, blue and green tubing) (ea)	
766897	Bellows & water trap set (Box of 4)	
766896	Cap diaphragm set (Box of 4)	
12151	Inspiratory filters (Box of 12)	
12152	Expiratory filters (Changed every 24 hours) (Box of 25)	
AH290	Humidification chamber, automatic feed (Box of 10)	

# 3100B high frequency oscillatory ventilator



### Unfiltered kitted circuits for the 3100B

Each pre-packaged kit contains all required supplies (circuit, bellows water trap, cap diaphragms and connecting tubing). There are four complete kits in a box. Humidifier chamber **NOT** included.

Part #	Item description
FISHER & PAYKEL 730 humidifiers	
29028-015	31B (F&P 730) Flexible circuit w/heated wire kit (Box of 4)
FISHER & PAYKEL 850 humidifiers	
29028-016	31B (F&P 850) Flexible circuit w/heated wire kit (Box of 4)

## Filtered circuits for the 3100B

Notes:

- 1. Each filtered circuit comes with one inspiratory and expiratory filter and a cap diaphragm set. The bellows and connecting tubing must be ordered separately.
- 2. The expiratory filter needs to be changed every 24 hours, the inspiratory filter does not.

Part #	Item description
FISHER & PAYKEL 730 humidifiers	
29028-018	31B (F&P 730) Flexible filtered circuit w/heated wire (Box of 4)
FISHER & PAYKEL 850 humidifiers	
29028-019	31B (F&P 850) Flexible filtered circuit with w/heated wire (Box of 4)

## Circuit supplies for the 3100B

Part #	Item description	
11437-PMN	Connecting tubing set – unfiltered circuits (one each of the red, blue and green tubing) (ea)	
11438-PMN	MN Connecting tubing set – filtered circuits (one each of the red, blue and green tubing) (ea)	
766897	Bellows & water trap set (Box of 4)	
766896	Cap diaphragm set (Box of 4)	
12151	Inspiratory filters (Box of 12)	
12152	Expiratory filters (Box of 25)	
AH290	Humidification chamber, automatic feed (Box of 10)	

## Miscellaneous oscillator supplies

Circuit accessories 765742 Hold down patient circuit assembly 767138 Arm support for adjustable cradle 480029 Circuit port adapter for nitric oxide sampling 772793 Exhaled gas deflector for unfiltered circuits 770150 Scavenger (export only) Accessories and service items 463805 3100A/3100B wheel caster 767163 Air inlet filter element, package of 10 766586 Driver cover, dummy plate 767189 Circuit support arm 770566 Circuit cradle 462364 Thumb screw for (support arm and cradle) 766788 Column lint filter element 465298 Krytox inert grease (2 ounce tube) 765759 3100A Patient circuit calibration label 11terature 767161 3100A Service manual 767124 3100A Service manual 767124 3100B Operator's manual 767124 3100B Operator's manual 767164-101 3100B Operator's manual 767164-101 3100B Operator's manual 767377 Humidifier MR850 - Fisher & Paykel, 115 volt 768968 Humidifier mounting bracket for Hudson RCl 768968 Humidifier mounting bracket for Hudson RCl 767876 Temperature probe, 60° for MR850 770137 Temperature probe, 60° for MR850 770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches) 77211 Temperature probe, dual right angle, F&P 900MR561 (72 inches) 770135 Kit, autofeed pole, F&P 770135 Adapter bracket, autofeed pole, F&P 900MR087 770136 Kit, autofeed pole and bracket for humidifier	Part #	Item description
767138 Arm support for adjustable cradle 480029 Circuit port adapter for nitric oxide sampling 772793 Exhaled gas deflector for unfiltered circuits 770150 Scavenger (export only)  Accessories and service items 463805 3100A/3100B wheel caster 767163 Air inlet filter element, package of 10 766586 Driver cover, dummy plate 767138 Circuit support arm 770566 Circuit cradle 462364 Thumb screw for (support arm and cradle) 766798 Column lint filter element 465298 Krytox inert grease (2 ounce tube) 765759 3100A Patient circuit calibration label 11terature 767161 3100A Service manual 767124 3100B Partient circuit calibration label 11therature 767161 3100A Service manual 767164—101 3100B Operator's manual 767364 Humidifier manuting bracket for Hudson RCI 768965 Humidifier mounting bracket for Hudson RCI 768968 Humidifier mounting bracket for F&P 730 and 850 467376 Temperature probe, 60" for MR850 467375 Temperature probe, dol right angle, F&P 900MR560 (52 inches) 770211 Temperature probe, dual right angle, F&P 900MR560 (52 inches) 770211 Temperature probe, dual right angle, F&P 900MR560 (72 inches) 770137 Temperature probe, dual right angle, F&P 900MR560 (72 inches) 770134 Autofeed pole, F&P 770135 Adapter bracket, autofeed pole, F&P 900MR087 770136 Kit, autofeed pole and bracket for humidifier	Circuit acc	cessories
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T72754 3100B Patient circuit calibration label  Literature  767161 3100A Service manual  767124 3100A Operator's manual  771434 3100B Service manual  767164-101 3100B Operator's manual  Humidifiers and accessories  467377 Humidifier MR850 - Fisher & Paykel, 115 volt  768965 Humidifier mounting bracket for Hudson RCl  768968 Humidifier mounting bracket for F&P 730 and 850  467376 Temperature probe, 60" for MR850  467375 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR850 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	465298	Krytox inert grease (2 ounce tube)
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Humidifiers and accessories  467377 Humidifier MR850 - Fisher & Paykel, 115 volt  768965 Humidifier mounting bracket for Hudson RCI  768968 Humidifier mounting bracket for F&P 730 and 850  467376 Temperature probe, 60" for MR850  467375 Temperature probe, 72" for MR850  770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR850 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier	767124	3100A Operator's manual
Humidifiers and accessories  467377 Humidifier MR850 - Fisher & Paykel, 115 volt  768965 Humidifier mounting bracket for Hudson RCI  768968 Humidifier mounting bracket for F&P 730 and 850  467376 Temperature probe, 60" for MR850  467375 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  770137 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	771434	3100B Service manual
Humidifier MR850 - Fisher & Paykel, 115 volt  768965 Humidifier mounting bracket for Hudson RCI  768968 Humidifier mounting bracket for F&P 730 and 850  467376 Temperature probe, 60" for MR850  467375 Temperature probe, 72" for MR850  770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	767164-101	3100B Operator's manual
768965 Humidifier mounting bracket for Hudson RCI 768968 Humidifier mounting bracket for F&P 730 and 850 467376 Temperature probe, 60" for MR850 467375 Temperature probe, dual right angle, F&P 900MR560 (52 inches) 770137 Temperature probe, dual right angle, F&P 900MR561 (72 inches) 480044 Heated wire adapter cable for MR730 humidifier (pigtail) 466952 Heated wire adapter cable for MR850 humidifier (pigtail) 770134 Autofeed pole, F&P 770135 Adapter bracket, autofeed pole, F&P 900MR087 770136 Kit, autofeed pole and bracket for humidifier	Humidifier	s and accessories
768968 Humidifier mounting bracket for F&P 730 and 850  467376 Temperature probe, 60" for MR850  467375 Temperature probe, 72" for MR850  770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	467377	Humidifier MR850 - Fisher & Paykel, 115 volt
467376 Temperature probe, 60" for MR850 467375 Temperature probe, 72" for MR850 770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches) 772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches) 480044 Heated wire adapter cable for MR730 humidifier (pigtail) 466952 Heated wire adapter cable for MR850 humidifier (pigtail) 770134 Autofeed pole, F&P 770135 Adapter bracket, autofeed pole, F&P 900MR087 770136 Kit, autofeed pole and bracket for humidifier	768965	Humidifier mounting bracket for Hudson RCI
467375 Temperature probe, 72" for MR850  770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	768968	Humidifier mounting bracket for F&P 730 and 850
770137 Temperature probe, dual right angle, F&P 900MR560 (52 inches)  772211 Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	467376	Temperature probe, 60" for MR850
Temperature probe, dual right angle, F&P 900MR561 (72 inches)  480044 Heated wire adapter cable for MR730 humidifier (pigtail)  466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	467375	Temperature probe, 72" for MR850
480044 Heated wire adapter cable for MR730 humidifier (pigtail) 466952 Heated wire adapter cable for MR850 humidifier (pigtail) 770134 Autofeed pole, F&P 770135 Adapter bracket, autofeed pole, F&P 900MR087 770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	770137	Temperature probe, dual right angle, F&P 900MR560 (52 inches)
466952 Heated wire adapter cable for MR850 humidifier (pigtail)  770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	772211	Temperature probe, dual right angle, F&P 900MR561 (72 inches)
770134 Autofeed pole, F&P  770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	480044	Heated wire adapter cable for MR730 humidifier (pigtail)
770135 Adapter bracket, autofeed pole, F&P 900MR087  770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	466952	Heated wire adapter cable for MR850 humidifier (pigtail)
770136 Kit, autofeed pole and bracket for humidifier  Blender accessories	770134	Autofeed pole, F&P
Blender accessories	770135	Adapter bracket, autofeed pole, F&P 900MR087
	770136	Kit, autofeed pole and bracket for humidifier
09220 Flow meter 0 - 15 LPM - DISS	Blender accessories	
	09220	Flow meter 0 - 15 LPM - DISS

## 3100A and 3100B preventive maintenance

Part #	Item description
3100A w/ 3 Ohm drivers	
772730A	6K PM Driver ASSY 3 OHM
773909	KIT 6000 HR PM 3100A W/O 3 OHM Driver
772730A	12K PM Driver ASSY 3 OHM
773925-102	KIT 12K HR PM German 31A W/O 3 OHM Driver
773925-103	KIT 12K HR PM French 31A W/O 3 OHM Driver
773925-104	KIT 12K HR PM UK 31A W/O 3 OHM Driver
768930	7 Yr PM Power module ASSY driver 3100A TUV
3100B	
773937A	4K PM Driver ASSY DS 3 OHM 3100B
773937A	8K PM Driver ASSY DS 3 OHM 3100B
771437-102	KIT 8000 hour PM German 3100B
771437-103	KIT 8000 hour PM French 3100B
771437-104	KIT 8000 hour PM UK 3100B
772714	7 YR PM Driver power module ASSY 3100B

Note: Effective 08-02-11. PM interval for 3100B - See Tech Bulletin # RCVent\_64

- $\cdot$  4K PM: Every 4,000 hours of use or every 3 years, whichever comes first.
- 8K PM: Every 8,000 hours of use or every 6 years, whichever comes first.

## Pairing the 3100A/3100B HFOV with a Bird™ Sentry 2 blender

Part #	Item description
30623-002	SENTRY 2, HI FLO, FLMTR 0-70LPM, NIST
26209-001	Packaged, 3100 blender bracket with screws
51000-40881	DISS/NIST Adapter
25674-001	Hose, O <sub>2</sub> , 1m, DISSF/DISSF, Green
25675-001	Hose, O <sub>2</sub> , 1m, DISSF/DISSF, White
25676-001	Hose, O <sub>2</sub> , 1m, NISTF/NISTF, White
25677-001	Hose, O <sub>2</sub> , 1m, SISF/SISF, White
26210-001	Kit, 3100 TEE AIR Hose, SIS, B/W
26211-001	Kit, 3100 TEE AIR Hose, NIST, B/W
26212-001	Kit, 3100 TEE AIR Hose, DISS, B/W
26213-001	Kit, 3100 TEE AIR Hose, DISS, Yellow



## 3100A/3100B HFOV photo guide

#### Air tee/Hose assembly

For the customer with their own blender, but wishes to use only one air hose from the wall.



#### Long vs. short wires



**Short wire circuits:** for heated environments like isolettes **Long wire circuits:** for non-heated environments like beds

#### Flexible circuits



Cap diaphragms (766896)



Control tubing unfiltered circuits (11437) Control tubing filtered circuits (11438)



Filtered circuits (3100A and 3100B)





### Bellows water trap (766897)



Circuit port adaptor (NO sampling port) (480029)



Circuit cradle (770566)



**Arm support** (767138)



Auto-feed pole & adapter bracket kit (770136)



Exhaled gas deflector





Hudson/RCI mounting bracket (768965)



F&P (730/850) mounting bracket (768968)





#### GLOBAL HEADQUARTERS



Vyaire Medical, Inc. 26125 North Riverwoods Blvd Mettawa, IL 60045 USA Vyaire Medical, Inc. 26125 North Riverwoods Blvd Mettawa, IL 60045 USA

## vyaire.com

#### For Global Distribution

Not all models will be available in all regions, please contact a Vyaire representative for availability. Trademarks are the property of their Respective owners.

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