

# HYDROSCOPIC CONDENSER HUMIDIFIER (HCH/HCHF, HME/HMEF)

LATEX FREE | SINGLE PATIENT USE | DISPOSABLE

Hygroscopic condenser humidifiers (also called heat and moisture exchangers - HME/HMEF) effectively provide heat and moisture delivery/recovery for ventilated patients. Available in a variety of sizes and shapes, HCHs are compatible with leading breathing systems and come with or without filtration material.

- Effectively provides heat and moisture delivery/recovery for ventilated and spontaneously breathing patients
- Filters up to 99.99% of expiratory bacterial/viral content\*
- Designed with sampling port (unless indicated)
- Available in a variety of shapes and sizes
- Compatible with leading breathing systems
- Packaged (50 ea/CS)



HYGROSCOPIC CONDENSER HUMIDIFIER (HCH) HEAT MOISTURE EXCHANGER (HME)						
ITEM	FH603007 / FH603006 Port / No Port	FH603010	FH603012	FH603014	FH603021 / FH603023 Port / No Port	FH603028
DESCRIPTION	Round, Large	Swivel	Rectangular	Angled, Small	Straight, Small	Straight, Pediatric
VT RANGE (mL)	150 - 1500	250 - 1500	200 - 1500	150 - 1500	150 - 1500	150-1500
MOISTURE OUTPUT (mg H <sub>2</sub> O/L) ±0.1g	33.4	34	32	33.2	33.7	34.0
WEIGHT (g)	17.8	37.1	36.4	16.8	14.7	13.6
ID / OD (mm)	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	15 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID
DEAD SPACE (mL)	47	74	62	42.8	35.3	24.3
RESISTANCE (cm H <sub>2</sub> O) 30 LPM	0.2	<1	<1	0.5	0.6	0.4

HYGROSCOPIC CONDENSER HUMIDIFIER + FILTER (HCHF) HEAT MOISTURE EXCHANGER + FILTER (HMEF)						
ITEM	FH603008 / FH603005 Port / No Port	FH603009	FH603011	FH603013	FH603020 / FH603022 Port / No Port	FH603027
DESCRIPTION	Round, Large	Swivel	Rectangular	Angled, Small	Straight, Small	Straight, Pediatric
VT RANGE (mL)	150 - 1500	250 - 1500	200 - 1500	150 - 1500	150 - 1500	150-1500
MOISTURE OUTPUT (mg H <sub>2</sub> O/L) ±0.1g	34.1	36	32.5	33.4	33.6	34.0
WEIGHT (g)	18.5	38.3	37.2	17.2	15.0	13.6
ID / OD (mm)	22 ID x 22 OD / 15 ID	15 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID	22 ID x 22 OD / 15 ID
DEAD SPACE (mL)	47	74	62	42.8	35.3	24.3
RESISTANCE (cm H <sub>2</sub> O) 30 LPM	0.8	<2	<1	1.9	2	2.4
BFE EFFICIENCY*	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%
VFE EFFICIENCY*	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%	>99.99%

\*SunMed Bacterial/Filter media was tested to VFE Efficiency 99.99% and BFE Efficiency 99.99% ASTM Standards by Nelson Laboratory. Filter efficiency may vary during use and should be replaced if filter becomes visibly soiled, resistance to flow reaches an unacceptable limit or after 24 hours of active use.