Information for Clinical Choice

Forced air warming control units/blowers

Support document

Introduction

Information for Clinical Choice (ICC) has been developed to assist Clinicians in the decision-making process when assessing the suitability of a product by providing a clear illustration and description of the features of a range of similar products supplied through NHS Supply Chain.

The criteria provided, in the form of a Support Document, is the result of a product review conducted by the clinical team in the Category Management Service Provider with support from clinical stakeholders from across the NHS as part of our assurance process.

The aim, alongside delivering savings back into NHS frontline services, is to ensure that clinical choice remains at the forefront of any product switching decision.

Patient Temperature Management - Forced air warming control units/blowers

Forced air warming (FAW) blanket is designed to prevent hypothermia and keep patients at a normal core body temperature for use before, during and after surgical procedures. Blankets are used in conjunction with a FAW blower which is specific to each supplier. FAW systems deliver controlled warm air through a connecting hose into a quiltlike blanket that have small holes on one surface and warm air escaping through these holes provides conductive and convective warming to the patient, they are single patient use. The control unit/blower uses a HEPA filter to eliminate air contaminates delivering clean air to the patient blankets. The control unit/blower have temperature settings to give the clinical choice, so they set temperature that's required. The control unit/blowers usually have multiple mounting methods including floor, pole bed rail and dedicated trolley.

This ICC is one of a number that will look at different warming forced warm air systems to enable clinicians to make an informed decision when choosing products

Further information and guidance
https://www.nice.org.uk/guidance/cg65/chapter/recommendations

NHS Supply Chain

Forced Air Warming Control Units/Blowers						
Supplier	**KCI Medical Ltd**	**CENTRAL MEDICAL SUPPLIES LTD (CMS)**	**HEALTHCARE 21 UK LTD**	**HEALTHCARE 21 UK LTD**	**Aquilant Ltd**	**GBUK TTd**
Brand	Bair Hugger	Mistral Air	Celsius	Warmtouch	Medtronic	IOB
MPC	77507	MA1200	CCALIMA2	501	CWS4000/CWS5000	IOB-505
NPC	FDB85056	-	-	-	-	FDB85364
Description	FAW Convective Warming device	FAW Convective Warming device	FAW Convective Warming device	FAW Convective Warming device	FAW Convective Warming device	FAW Convective Warming device
Picture						
dBA	48dBA low fan setting 53dBA high fan setting	48dBA	49dBA to 58dBA	70dBA	47dBA	<55dBA
Filter Change	500 hours	2000 hours	1000 hours	2000 hours	1000 hours	500 hours
Operating Temperature	High: 43° +/- 1.5°C, Med: 38° +/- 1.5°C , Low: 32° +/- 1.5°C	Ambient, 32˚C, 38˚C and 43˚C	Ambient,38˚C, 43˚C and 45˚Boost	Ambient, 34˚C, 40˚C, 45˚and 47˚C Boost	Ambient 34˚C, 37˚C 43˚C and 46˚C	Ambient, 32˚C, 38˚C and 43˚C
Country of Manufacture	USA	Netherlands	Spain	Malaysia	Australia	USA

References:

If you have any questions, would like further information, or have feedback to share, please contact:

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