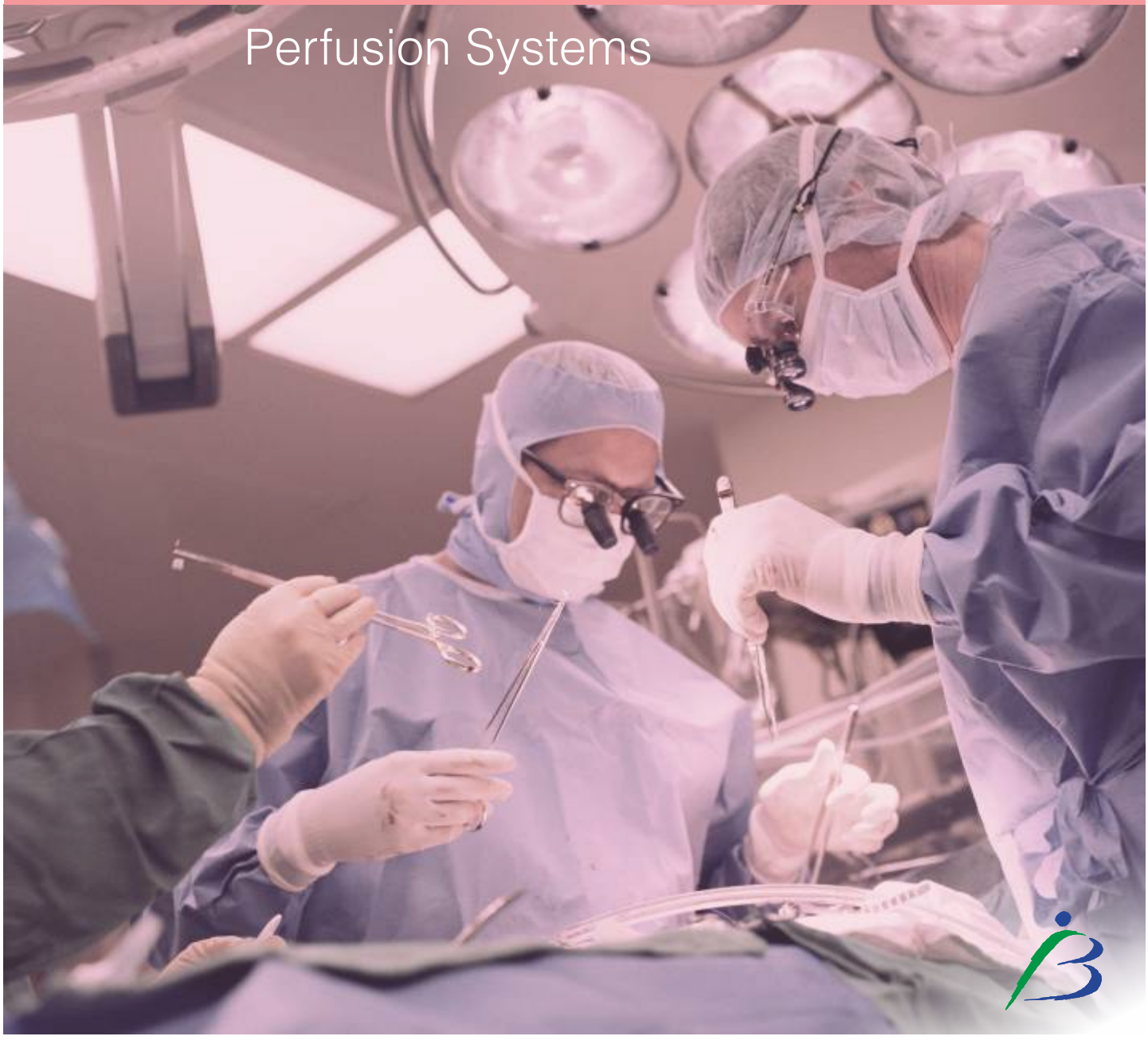
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PerfX™
Perfusion Systems

At the heart of critical moments

Perfusion Systems



CE Certificate no. 10533-2017-CE-IND-NA-PS Rev. 2.0 (Class III), 10532-2017-CE-IND-NA-PS Rev. 2.0 (Class IIa, Is); NB No.: 2460
FDA No. MFG/MD/2021/000243; ISO 9001:2015; ISO 13485:2016

HEART LUNG PACK & ACCESSORIES

Class VI implant tested tubing

Non-kinking, transparent, clear tubing

Options of clear or colour stripes Red/ Blue/ Green/ Yellow, DEHP free

Packs for Adult, Pediatric, and Infant Procedures

High quality products

Non-kinking, transparent, clear tubing

Options of components include: Gas line filter, Pre by-pass filter, Arterial filter, Leucocyte Filter, SpO_2 monitoring, Tubing organizer, Sucker, LV Vents

Ordering Information:

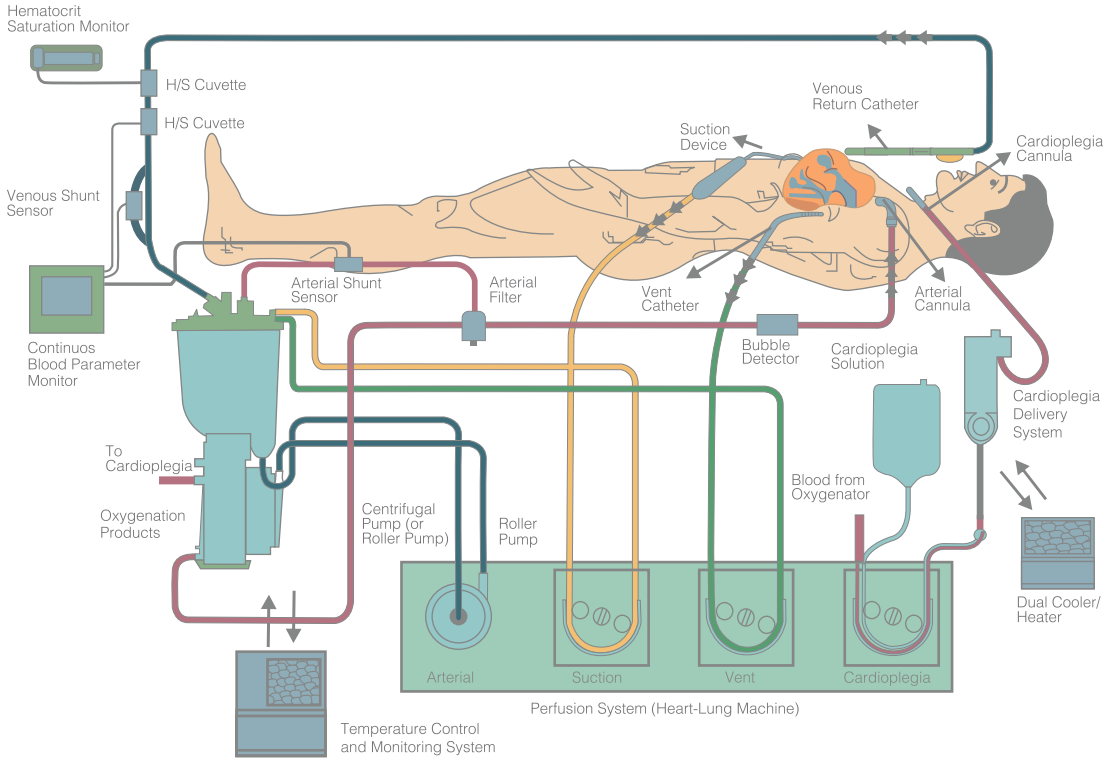
B-HL-159	:	Standard
B-HL-74	:	Std. Pack with Arterial Filter
B-HL-288	:	Heart Lung Pack Membrane Adult without Arterial Filter
B-HL-3063	:	Heart Lung Pack Membrane Pediatric without Arterial Filter



Contact for non obligatory drawings/ quotes/samples.

Additional components can be added per requirements.

ILLUSTRATIVE REPRESENTATION OF EXTRA-CORPORIAL CIRCUIT



ARTERIAL FILTER

Ordering Information:

Product Code	Filter
B-FL-09BL	BL Adult arterial filter with connections 3/8 inlet & outlet
B-FL-09BLL	BL Adult arterial filter with connections 3/8 inlet & outlet with bypass loop
B-FL-09BL(PGL)	BL Adult arterial filter with connections 3/8 inlet & outlet with bypass loop & purge line
B-FL-01PL	BL Adult arterial filter with connections 3/8 inlet & outlet
B-FL-01PLL	Adult arterial filter with connections 3/8 inlet & outlet with bypass loop
B-FL-01PGL	Adult arterial filter with connections 3/8 inlet & outlet with bypass loop & purge line
B-FL-10PL	Peadiatric arterial filter with connections 1/4 inlet & outlet
B-FL-10PLL	Peadiatric arterial filter with connections 1/4 inlet & outlet with bypass loop
B-FL-10PGL	Peadiatric arterial filter with connections 1/4 inlet & outlet with bypass loop & purge line
B-FL-15PL	Semi adult arterial filter with connections 3/8 inlet & outlet
BFL-15L(PGL)	Adult Arterial Filter with loop & Purgeline
B-FL-15PLL	Semi adult arterial filter with connections 3/8 inlet & outlet with bypass loop
B-FL-15PGL	Semi adult arterial filter with connections 3/8 inlet & outlet with bypass loop & purge line
B-FL-06	Pre byass filter with connections inlet 1/2 & outlet 3/8



Variants with or without bypass loop & purge line,
(Adult / Peadiatric / Infant)

Specifications: Adult Filter

- 40 µm Polyster screen filter
- Max. blood flow 8 L/min.
- Priming volume of 160 ml.
- Excellent air handling
- Excellent visibility & easy priming.

CARDIOPLEGIA DELIVERY SYSTEM

Heat Exchanger Pleated type

Class VI implant tested tubing

Priming volume 28 ml

High Cooling efficiency

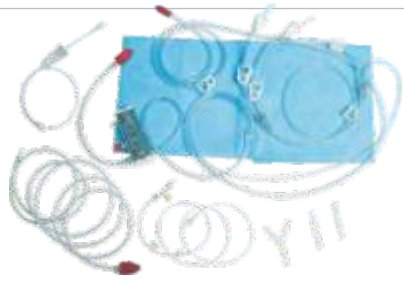
Easy set-up & priming

Non-toxic & pyrogen free

Blood inlet-outlet connection - 1/4"

Built in bridge for choice of 100% Blood or 100% Cardioplegia solution delivery

B-CP-03	BCP-113-01	BCP 251	BCP 256
B-CP-15	BCP-128-01	BCP 252	BCP 257
B-CP-162	BCP-238	BCP 253	BCP 258
BCP-113	BCP-241	BCP 254	BCP 259
BCP-128	BMX07	BCP 255	BCP 260
			BCP 10





Variants with or without
Heat Exchanger / Spiral

MISTER BLOWER

Advanced fluid/gas mixing technology for controlled delivery of CO_2 and saline during off-pump surgery

Consistent & predictable blood clearing mist

Improved visibility at anastomosis and surgical site

Class VI implant tested tubing, DEHP Free

Only blower cannulae without tubing and set available

Ordering Information:

B-OT-71 : Blower with tubings and fluid set

B-OT-77 : Blower cannula



Variants with or without
Tubings

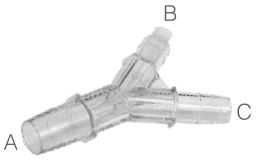
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PERFUSION ACCESSORIES

HLP Connectors

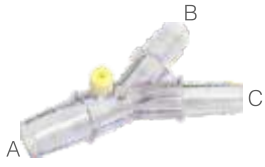
Y Connector

Code	Sizes A		B		C
BCN Y444 -	1/4	x	1/4	x	1/4
BCN Y488 -	1/4	x	3/8	x	3/8
BCN Y466 -	1/4	x	3/16	x	3/16
BCN Y844 -	3/8	x	1/4	x	1/4
BCN Y884 -	3/8	x	3/8	x	1/4
BCN Y888 -	3/8	x	3/8	x	3/8
BCN Y666 -	3/16	x	3/16	x	3/16
BCN Y244 -	1/2	x	1/4	x	1/4
BCN Y284 -	1/2	x	3/8	x	1/4
BCN Y224 -	1/2	x	1/2	x	1/4
BCN Y228 -	1/2	x	1/2	x	3/8
BCN Y222 -	1/2	x	1/2	x	1/2
BCN Y288 -	1/2	x	3/8	x	3/8



Y Connector with Luer Lock

Code	Sizes A		B		C
BCN Y444L -	1/4	x	1/4	x	1/4
BCN Y844L -	3/8	x	1/4	x	1/4
BCN Y848L -	3/8	x	1/4	x	3/8
BCN Y888L -	3/8	x	3/8	x	3/8
BCN Y666L -	3/16	x	3/16	x	3/16
BCN Y288L -	1/2	x	3/8	x	3/8
BCN Y228L -	1/2	x	1/2	x	3/8
BCN Y466L -	1/4	x	3/16	x	3/16
BCN Y284L -	1/2	x	3/8	x	1/4



Straight Connector

Code	Sizes A		B
BCN S44 -	1/4	x	1/4
BCN S46 -	1/4	x	3/16
BCN S84 -	3/8	x	1/4
BCN S88 -	3/8	x	3/8
BCN S66 -	3/16	x	3/16
BCN S22 -	1/2	x	1/2
BCN S28 -	1/2	x	3/8
BCN S24 -	1/2	x	1/4



Straight Connector with Luer Lock

Code	Sizes A		B
BCN S44L -	1/4	x	1/4
BCN S88L -	3/8	x	3/8
BCN S66L -	3/16	x	3/16
BCN S22L -	1/2	x	1/2
BCN S24L -	1/2	x	1/4
BCN S28L -	1/2	x	3/8
BCN S84L -	3/8	x	1/4
BCN S46L -	1/4	x	3/16



Cardioplegia Adapter

Size: 1/4

Code: B- CNS- 4L



Tubings (PVC / Silicon / Silicon Replacement / Separate Coated

Codes :BHL-TB1/2-10, BHL-TB3/8-10, BHL-TB1/4-10, BHL-TB1/4-12, BHL-TB3/16-10

ID Sizes Wall Thickness	1/8 x 1/16	1/8 x 3/16	3/16 x 1/16	3/16 x 3/64	1/4 x 1/32	1/4 x 1/16	1/4 x 3/32	3/8 x 1/16	3/8 x 3/32	1/2 x 3/32



Hemoconcentrator kit / Hemofilters





Variants

(Adult / Peadiatric / Infant)

TECHNICAL FEATURES	Intended Use	Fiber Internal diameter (µm)	Fiber external diameter (µm)	Fiber wall thicknes (µm)	Fiber length (mm)	Number of fibers	Filter housing internal diameter (mm)	Priming blood volume (ml)	Max trans-membrane pressure (mmHg)	Cartridge filtrate/ dialysate connectors	Unit length (mm)
BHC 47	Adult	200	260	30	225	9300	38	75	600	Female Luer Lock	265
BHC 48	Paediatric	200	260	30	140	9300	38	49	600		180
BHC 49	Infant	200	260	30	140	3600	24	21	600		180

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CE Certified Products
ISO 13485

Heart & Lung Packs - Optional Codes With Multiple Circuit Layouts

Nomenclature	Customization	Permissible Variant	Codes	
Heart Lung Pack	For Adult Use	On the basis of sizes in the layout & availability of different components like Table Loop / Membrane Adult without Arterial Filter / with ACP Arterial Filter / Silicon Pump Head / without Arterial Filter	• BHL 3701 • BHL 3702 • BHL 3703 • BHL 3704 • BHL 3708 • BHL 3709 • BHL 3710 • BHL 3711 • BHL 3712 • BHL 3713 • BHL 3714 • BHL 3715 • BHL 3041	• BHL 3484 • BHL 288 • BHL 3707 • BHL 3216 • BHL 3468 • BHL 3706 • BHL 3076 • BHL 3639 • BHL 3641 • BHL 120 • BHL 1488 • BHL 1493 • BHL 1489 • BHL 1494
Heart Lung Pack	For use to Adult / Pediatrics / Infants	On the basis of sizes in the layout & availability of different components	• BHL 4051 • BHL 4052 • BHL 4053 • BHL 4054 • BHL 4055 • BHL 4056 • BHL 4057 • BHL 4058 • BHL 4059	• BHL 4060 • BHL 4061 • BHL 4062 • BHL 4063 • BHL 4064 • BHL 4065 • BHL 82 • BHL 1490 • BHL 1495
Heart Lung Pack	For use to Infants / Neonates / Pediatrics	On the basis of sizes in the layout & availability of different components like Arterial Filter / Infant / Neonate / Pediatric / Table Loop / APCK membrane Pediatric / without Arterial Filter Pediatric / with Tubing Pediatric	• BHL 3642 • BHL 3621 • BHL 3061 • BHL 3063 • BHL 3663 • BHL 3705 • BHL 1492 • BHL 1497 • BHL 1491 • BHL 1496	
Accessories of Heart Lung Pack	Sizes	On the basis of sizes in the layout & availability of different components like Connector 1/4 X 1/4 X 1/4 / Extra AV Loop / Extra Line / Isolator Line / Mister Blower / Pack 3 Straight / Pack Y 1/2 Pack Y 3/8 / Purge Line Re-circulation / Relief Valve / Sucker Line / Sucker Line Vent / Cardioplegia Bypass line / Sheath individual line / color coded lines	• BCN Y444 • BOT 264 • BOT 265 • BOT 267 • BOT 268 • BOT 269 • BOT 270 • BOT 271 • BOT 272 • BOT 15A • BOT 71 • BOT 228 • BOT 230 • BOT 227 • BOT 266	• BOT 263 • BOT 113 • BOT 193 • BOT 194 • BOT-233 • BHL-TB1/2-10 • BHL-TBG1/4-12 • BHL-TBY1/4-12 • BHL-TBB1/4-12 • BHL-TB3/8-12 • BHL-TB3/16-12 • BHL-190

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