

RPM Chair Dimensions and Operating Instructions

Seat

	Seat Height*	Seat Depth	Seat Width	Seat Pan Angle	Seat Back/ Seat Pan Angle	Forward Tilt
BIFMA G-1 Ergonomic Std. Requirements January 1, 2002:						
	15" - 19.9" May use multiple cylinders	16.2" - 16.9"	17.7" min.	0° - 4° rearward	90° - 115°	
Basic	15" - 23 3/4"*	17.5"	20 1/2"	2°	93° - 109°	3°
Advanced	15" - 23 3/4"*	16.5" - 18.5"	20 1/2"	2°	93° - 109°	3°
High Task	23 1/2" - 31 1/4"*	see basic and advanced	20 1/2"	2°	93° - 109°	3°

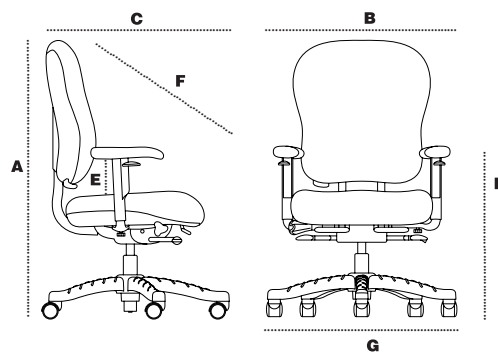
*RPM has three seat height options to accommodate more body types: low 15" - 17 1/4", medium (standard) 16 1/2" - 20.5", high 18 1/4" - 23 1/4", and high task 23 1/2" - 31 1/4".

Back

	Backrest	Lumbar Support Height	Lumbar Support Width	Lumbar Support Center Ht.	Seat Back Width
BIFMA Stds.		5.9" - 9.8"	14.2" min.	5.9" - 9.8"	14.2" min.
Basic	yes	5.9" - 9.9"	17"	8"	19"
Advanced	yes	5.9" - 9.9"	17"	8"	19"
High Task	yes	5.9" - 9.9"	17"	8"	19"

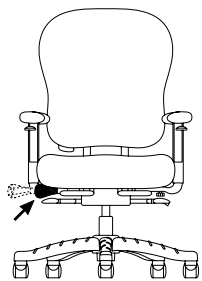
		Basic	Advanced	High Task	Side
A	overall height	37 1/8" - 45 3/8"	37 1/8" - 45 3/8"	43 1/4" - 51"	32 1/2"
B	overall width	27"	27"	27"	22"
C	overall depth	21 1/4"	21 1/4"	21 1/4"	23 1/2"
D	arm height (from floor)	Fixed 24 7/8" - 29 7/8" High Performance 23 3/4" - 31 1/2"	24 7/8" - 29 7/8" 23 3/4" - 31 1/2"	32 1/8" - 39 7/8" 31" - 42"	25"
E	arm height (from seat)	Fixed 8 7/8" High Performance 7 1/4" - 10 1/2"	8 7/8" 7 1/4" - 10 1/2"	8 7/8" 7 1/4" - 10 1/2"	7 1/4"
F	recline range	25°	25°	25°	n/a
G	base diameter	27"	27"	27"	22 1/2" wide
	footring (height: 9" - 18")			20" dia.	
H	weight (with fixed arms)	44 lbs.	44 lbs.	51 lbs.	28 lbs.

(Measurements of arm chairs, advanced control with pneumatic seat height adjustment, in inches)



Arm Dimensions	Height from the Seat Reference Point	Width between Arms (at the innermost point on the armpad)	Width between Arms (measured at the inside of the arm support)	Rotation	Slide (to the front or back of the chair)
Fixed arms	8 3/8"	17" - 19" (2" range)	18 3/4" - 20 3/4" (2" range)	NA	NA
High performance arms on Advanced Control chair	7 1/4" - 10 1/2" (3 1/4" range)	17 3/4" - 19 3/4" (2" range)	20" - 22" (2" range)	±15°, 30° total (3 fixed positions)	1" range
High performance arms on Basic Control chair	7 1/4" - 10 1/2" (3 1/4" range)	17 3/4" - 19 3/4" (2" range)	20" - 22" (2" range)	±15°, 30° total (3 fixed positions)	NA

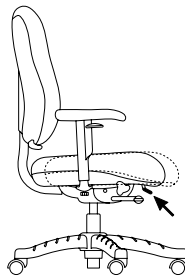
Compliance: ANSI/BIFMA x5.1 - 1993, BIFMA G1-2002 Ergonomic Standard, Cal 117, Cal 133 (with approved FR upholstery)
Operating Instructions also available online at www.knoll.com



Tilt Tension

On the right side of the seat, there is a retractable knob which facilitates the adjustment when the knob is extended.

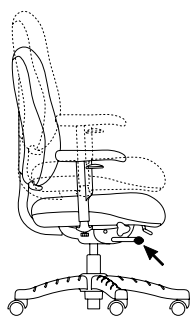
Turn the knob forward to tighten and backward to loosen. When finished, tuck the knob under the seat.



Seat Depth

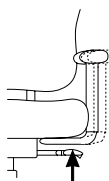
The sliding seat activation is located underneath the seat on the rear, left-hand side of the control. The adjustment mechanism is a button that has a space for two fingers. To activate, push up on the button and move the seat forward or backward. There are 4 positions within a 2" range.

(on Advanced Models only)



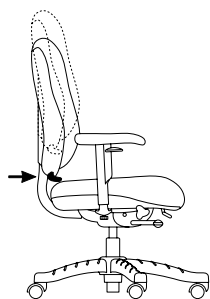
Seat Height

While seated, lift the lever on the right side of the chair to lower seat height. Remove your weight from the chair and lift the handle to raise the chair to the highest position.



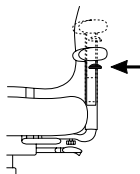
Fixed Height Arms

Fixed height arms include an arm support width feature which is adjustable in width (2" total) without a tool.



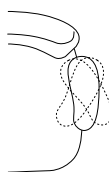
Back Height

Press the lever on the bottom of the right side of the back cushion to reposition the back height within a four inch range. It is necessary to press the lever to make the back move.



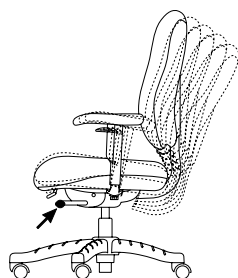
High Performance Arms

High Performance arms are controlled by the lever next to the armpad and from the knob beneath the arm support.



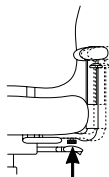
Arm Height and Armpad Pivot

Press the lever next to the armpad to adjust the arm height and to set the arm pivot in one of three fixed positions.



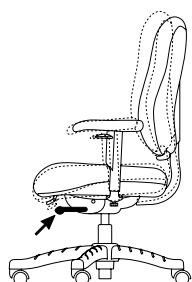
Multiple Stop Tilt Lock and Upright Tilt Lock

To lock the chair upright or in a reclined position, lift the lever on the left side of the chair. Push down on the lever and recline to unlock the chair.



Arm Width

Loosen the knob under the arm support to adjust the arm support placement on the chair. There is a 2" total width adjustment for all arms (fixed and height-adjustable)



Forward Tilt

The forward tilt lever is located on the rear, left-hand side of the control—to activate, push the lever in, lift your weight off the seat, and pull up on the rear of the seat to tilt it forward.

RPM Chair Control Index

control	feature	explanation
Advanced Control	Synchronized tilt (1 : 1.9)	back reclines 1.9 times faster than seat
	Tilt lock (5 positions)	chair can be locked in upright and reclined positions
	Forward tilt (3°)	chair locks in a forward tilting position for intensive keyboarding application
	4" back height	allows for correct positioning of lumbar support
	2" seat depth adjustments	seat adjusts in depth to provide proper support under the legs of both taller and shorter users
	Retractable tension	tension knob is easy to reach and tucks out of the way when not in use
	Instructions	easy to reach instruction card attached to chair makes adjusting the chair easy for everyone
	Dual J-Bar	provides additional support for the back
Basic Control	360° swivel	
	Synchronized tilt (1 : 1.9)	back reclines 1.9 times faster than seat
	Tilt lock (5 positions)	chair can be locked in upright and reclined positions
	Forward tilt (3°)	chair locks in a forward tilting position for intensive keyboarding application
	4" back height	allows for correct positioning of lumbar support
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