



ZERO GRAVITY 2.0
Intelligent Air Balancer

DEFY GRAVITY

to Have the Perfect Ergonomic Solution

ZERO GRAVITY 2.0

Productivity in Balance

Finding the perfect fit for your ergonomic needs doesn't have to be complicated. Lighten the load and let the Zero Gravity Air Balancer 2.0 from Ingersoll Rand® do the heavy lifting. An improved design and innovative new features cut operator effort in half for reduced fatigue, provide greater flexibility and control, and make setup and maintenance a breeze.

Ability to adjust speed ensures unrestrained work flow for the operator at production speed with no loss of productivity or unexpected downtime due to communication lags

An intuitive interface makes making safety adjustments quick and easy



The improved ergonomic handle design allows for less operator effort and increased productivity

Plug and play solution limits down time with intuitive setup

Inline handle for up and down movement

No up/down push button controls, reducing the potential for fatigue and repetitive stress injuries

ERGONOMICS

A redesigned, ergonomically enhanced handle to reduce operator effort while in float mode. Plus, the redesigned ergonomic handle further reduces the potential for fatigue and repetitive stress injuries.

SIMPLICITY

The Zero Gravity Air Balancer 2.0 was created with simplicity in mind. A plug-and-play design eliminates the need for extensive technical training making setup a snap. An intuitive interface makes making safety adjustments quick and easy, while the addition of data run and cycle times courtesy of a Windows GUI tool allows users to plan predictive maintenance schedules.

FLEXIBILITY

Designed to retrofit easily on any new or existing Ingersoll Rand Air Balancer, The Zero Gravity Air Balancer 2.0 seamlessly transitions between handle and float mode saving time and increasing productivity. Plus, a new 3-speed control system provides the operator with even greater flexibility and control.



MODEL CODE EXPLANATION

Example:	ZG	2	W	020	120	S	00	B
Type of Control Kit								
ZG = Zero Gravity								
2 = Gen 2								
Wire								
W = Wire Rope								
Capacity								
015 = 150 lb. (68 kg)								
020 = 200 lb. (91 kg)								
035 = 350 lb. (158 kg)								
050 = 500 lb. (227 kg)								
Inches of Travel								
080 = 80 in. (203 cm)								
120 = 120 in. (305 cm)								
S = Z-Stop								
Type of Suspension Kit								
00 = No Suspension								
AT = ZRAT Rail								
A1 = ZRA1 Rail								
A2 = ZRA2 Rail								
HM = Top Hook Mount								
S2 = ZRS2 Rail								
Type of Hook								
B = Bullard								
C = Steel Snap								

ZERO GRAVITY 2.0

BULLARD HOOK OPTION SPECIFICATIONS

Part Number	Load Capacity (lb)	Wire Rpoee Stroke (in)	Top Mount	Weight (lb)
ZG2W01508000B	150	80	NO SUSPENION	55
ZG2W015080A1B	150	80	TROLLEY ZRA1	55
ZG2W015080A2B	150	80	TROLLEY ZRA2	55
ZG2W015080ATB	150	80	TROLLEY ZRAT	55
ZG2W015080HMB	150	80	HOOK MOUNT	55
ZG2W015080S2B	150	80	TROLLEY ZRS2	55
ZG2W02012000B	200	120	NO SUSPENION	68
ZG2W020120A1B	200	120	TROLLEY ZRA1	68
ZG2W020120A2B	200	120	TROLLEY ZRA2	68
ZG2W020120ATB	200	120	TROLLEY ZRAT	68
ZG2W020120HMB	200	120	HOOK MOUNT	68
ZG2W020120S2B	200	120	TROLLEY ZRS2	68
ZG2W020120S00B	200	120	NO SUSPENION	68
ZG2W020120SA1B	200	120	TROLLEY ZRA1	68
ZG2W020120SA2B	200	120	TROLLEY ZRA2	68
ZG2W020120SATB	200	120	TROLLEY ZRAT	68
ZG2W020120SHMB	200	120	HOOK MOUNT	68
ZG2W020120SS2B	200	120	TROLLEY ZRS2	68
ZG2W03508000B	350	80	NO SUSPENION	68
ZG2W035080A1B	350	80	TROLLEY ZRA1	68
ZG2W035080A2B	350	80	TROLLEY ZRA2	68
ZG2W035080ATB	350	80	TROLLEY ZRAT	68
ZG2W035080HMB	350	80	HOOK MOUNT	68
ZG2W035080S2B	350	80	TROLLEY ZRS2	68
ZG2W035080S00B	350	80	NO SUSPENION	68
ZG2W035080SA1B	350	80	TROLLEY ZRA1	68
ZG2W035080SA2B	350	80	TROLLEY ZRA2	68
ZG2W035080SATB	350	80	TROLLEY ZRAT	68
ZG2W035080SHMB	350	80	HOOK MOUNT	68
ZG2W035080SS2B	350	80	TROLLEY ZRS2	68
ZG2W05008000B	500	80	NO SUSPENION	115
ZG2W050080A1B	500	80	TROLLEY ZRA1	115
ZG2W050080A2B	500	80	TROLLEY ZRA2	115
ZG2W050080ATB	500	80	TROLLEY ZRAT	115
ZG2W050080HMB	500	80	HOOK MOUNT	115
ZG2W050080S2B	500	80	TROLLEY ZRS2	115
ZG2W050080S00B	500	80	NO SUSPENION	115
ZG2W050080SA1B	500	80	TROLLEY ZRA1	115
ZG2W050080SA2B	500	80	TROLLEY ZRA2	115
ZG2W050080SATB	500	80	TROLLEY ZRAT	115
ZG2W050080SHMB	500	80	HOOK MOUNT	115
ZG2W050080SS2B	500	80	TROLLEY ZRS2	115

SNAP HOOK OPTION SPECIFICATIONS

Part Number	Load Capacity (lb)	Wire Rpoee Stroke (in)	Top Mount	Weight (lb)
ZG2W01508000C	150	80	NO SUSPENION	55
ZG2W015080A1C	150	80	TROLLEY ZRA1	55
ZG2W015080A2C	150	80	TROLLEY ZRA2	55
ZG2W015080ATC	150	80	TROLLEY ZRAT	55
ZG2W015080HMC	150	80	HOOK MOUNT	55
ZG2W015080S2C	150	80	TROLLEY ZRS2	55
ZG2W02012000C	200	120	NO SUSPENION	68
ZG2W020120A1C	200	120	TROLLEY ZRA1	68
ZG2W020120A2C	200	120	TROLLEY ZRA2	68
ZG2W020120ATC	200	120	TROLLEY ZRAT	68
ZG2W020120HMC	200	120	HOOK MOUNT	68
ZG2W020120S2C	200	120	TROLLEY ZRS2	68
ZG2W020120S00C	200	120	NO SUSPENION	68
ZG2W020120SA1C	200	120	TROLLEY ZRA1	68
ZG2W020120SA2C	200	120	TROLLEY ZRA2	68
ZG2W020120SATC	200	120	TROLLEY ZRAT	68
ZG2W020120SHMC	200	120	HOOK MOUNT	68
ZG2W020120SS2C	200	120	TROLLEY ZRS2	68
ZG2W03508000C	350	80	NO SUSPENION	68
ZG2W035080A1C	350	80	TROLLEY ZRA1	68
ZG2W035080A2C	350	80	TROLLEY ZRA2	68
ZG2W035080ATC	350	80	TROLLEY ZRAT	68
ZG2W035080HMC	350	80	HOOK MOUNT	68
ZG2W035080S2C	350	80	TROLLEY ZRS2	68
ZG2W035080S00C	350	80	NO SUSPENION	68
ZG2W035080SA1C	350	80	TROLLEY ZRA1	68
ZG2W035080SA2C	350	80	TROLLEY ZRA2	68
ZG2W035080SATC	350	80	TROLLEY ZRAT	68
ZG2W035080SHMC	350	80	HOOK MOUNT	68
ZG2W035080SS2C	350	80	TROLLEY ZRS2	68
ZG2W05008000C	500	80	NO SUSPENION	115
ZG2W050080A1C	500	80	TROLLEY ZRA1	115
ZG2W050080A2C	500	80	TROLLEY ZRA2	115
ZG2W050080ATC	500	80	TROLLEY ZRAT	115
ZG2W050080HMC	500	80	HOOK MOUNT	115
ZG2W050080S2C	500	80	TROLLEY ZRS2	115
ZG2W050080S00C	500	80	NO SUSPENION	115
ZG2W050080SA1C	500	80	TROLLEY ZRA1	115
ZG2W050080SA2C	500	80	TROLLEY ZRA2	115
ZG2W050080SATC	500	80	TROLLEY ZRAT	115
ZG2W050080SHMC	500	80	HOOK MOUNT	115
ZG2W050080SS2C	500	80	TROLLEY ZRS2	115

GEN 1 TO GEN 2 COMPARISON

	DESCRIPTION	GEN 1 Ingersoll Rand® ZGW05008000	GEN 2 Ingersoll Rand® ZG2W05008000B
GENERAL OFFERINGS	Working Principle	Electro Pneumatic	Electro Pneumatic
	Max Lifting Capacity (lbs)	300 @ 100 psi	400 @ 100 psi
	Max Vertical Travel (in)	60	80
	Control Type	Force Sensing Handle	Force Sensing Handle
	Product Weight (lbs)	115	115
	Min Headroom Height (in)	41	41
FEATURES	Emergency Stop	YES	YES
	Speed Control*	NO	YES
	Load display*	NO	YES
	Cycle time display*	NO	YES
	Over Load Alarm	YES	YES
	Malfunction Alarm	YES	YES
	Float mode	YES	YES
	Lifting speed at No load (ft/Min)	120	120
	Lifting speed at max Load (ft/min)	37	37
	Safety Feature	<ul style="list-style-type: none"> - Fall Arrestor - Max load protection - Alarm during any malfunction - Safety Interlock 	<ul style="list-style-type: none"> - Fall Arrestor - Max load protection - Alarm during any malfunction - Safety Interlock

* Note: Feature available in software interface



Learn more at [ingersollrand.com](https://www.ingersollrand.com)

Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.