



**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								

## SNAP HOOK OPTION SPECIFICATIONS

Part Number	Load Capacity (kg)	Wire Rope Stroke (m)	Top Mount	Weight (kg)
ZG2W01508000C	68	2	NO SUSPENSION	25
ZG2W015080A1C	68	2	TROLLEY ZRA1	25
ZG2W015080A2C	68	2	TROLLEY ZRA2	25
ZG2W015080ATC	68	2	TROLLEY ZRAT	25
ZG2W015080HMC	68	2	HOOK MOUNT	25
ZG2W015080S2C	68	2	TROLLEY ZRS2	25
ZG2W02012000C	90	3	NO SUSPENSION	31
ZG2W020120A1C	90	3	TROLLEY ZRA1	31
ZG2W020120A2C	90	3	TROLLEY ZRA2	31
ZG2W020120ATC	90	3	TROLLEY ZRAT	31
ZG2W020120HMC	90	3	HOOK MOUNT	31
ZG2W020120S2C	90	3	TROLLEY ZRS2	31
ZG2W020120S00C	90	3	NO SUSPENSION	31
ZG2W020120SA1C	90	3	TROLLEY ZRA1	31
ZG2W020120SA2C	90	3	TROLLEY ZRA2	31
ZG2W020120SATC	90	3	TROLLEY ZRAT	31
ZG2W020120SHMC	90	3	HOOK MOUNT	31
ZG2W020120SS2C	90	3	TROLLEY ZRS2	31
ZG2W03508000C	160	2	NO SUSPENSION	31
ZG2W035080A1C	160	2	TROLLEY ZRA1	31
ZG2W035080A2C	160	2	TROLLEY ZRA2	31
ZG2W035080ATC	160	2	TROLLEY ZRAT	31
ZG2W035080HMC	160	2	HOOK MOUNT	31
ZG2W035080S2C	160	2	TROLLEY ZRS2	31
ZG2W035080S00C	160	2	NO SUSPENSION	31
ZG2W035080SA1C	160	2	TROLLEY ZRA1	31
ZG2W035080SA2C	160	2	TROLLEY ZRA2	31
ZG2W035080SATC	160	2	TROLLEY ZRAT	31
ZG2W035080SHMC	160	2	HOOK MOUNT	31
ZG2W035080SS2C	160	2	TROLLEY ZRS2	31
ZG2W05008000C	225	2	NO SUSPENSION	53
ZG2W050080A1C	225	2	TROLLEY ZRA1	53
ZG2W050080A2C	225	2	TROLLEY ZRA2	53
ZG2W050080ATC	225	2	TROLLEY ZRAT	53
ZG2W050080HMC	225	2	HOOK MOUNT	53
ZG2W050080S2C	225	2	TROLLEY ZRS2	53
ZG2W050080S00C	225	2	NO SUSPENSION	53
ZG2W050080SA1C	225	2	TROLLEY ZRA1	53
ZG2W050080SA2C	225	2	TROLLEY ZRA2	53
ZG2W050080SATC	225	2	TROLLEY ZRAT	53
ZG2W050080SHMC	225	2	HOOK MOUNT	53
ZG2W050080SS2C	225	2	TROLLEY ZRS2	53

Bullard Hook option available, please refer to the Model Code Explanation table for nomenclature.

## 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 (kg)	225 kg @ 700 kPa	225 kg @ 700 kPa
	Max Vertical Travel (m)	2	2
	Control Type	Force Sensing Handle	Force Sensing Handle
	Product Weight (kg)	53	53
	Min Headroom Height (m)	1	1
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 (m/min)	37	37
	Lifting speed at max Load (m/min)	12	12
	Safety Feature	- Fall Arrestor - Max load protection - Alarm during any malfunction - Safety Interlock	- Fall Arrestor - Max load protection - Alarm during any malfunction - Safety Interlock

\* Note: Feature available in software interface