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ORDERING SPECIFICATIONS

PRO-AIR UNITS - 3 MODELS P-03, P-06 & P-12

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TWO MOUNTING STYLES: HORIZONTAL & VERTICAL

- For All Repetitive Lifting Applications.
- Made to Order Travels from 1 Foot to 15 Feet or More.
- Smaller, More Compact Bal-Trol®.
- Same Lifting Capacity as Modular and Full Capacity Models.
- Fewer Parts and Less Maintenance.
- Simple to Operate. It Contains No Expensive Electronic Components or Computer Parts to Fail or Require Reprogramming.
- Cost-Effective Solution for Workplace Lifting Injuries.

RATIO	P-03 80 PSI	P-06 80 PSI	P-12 80 PSI
8:1	40 LBS	75 LBS	150 LBS
6:1	60 LBS	100 LBS	200 LBS
4:1	80 LBS	125 LBS	300 LBS

Examples:

Model - PH12/6-7H

Pro-Air, Horizontal Mtg., 200 lbs. cap., 7' travel, Speed Handle Control.

Model - PH06/8-4-SL

Pro-Air, Horizontal Mtg., 75 lbs. cap., 4' travel, Slim-Line Sensi-Touch® Control.

Model - PV03/6-6-B

Pro-Air, Vertical Mtg., 50 lbs. cap., 6' travel, Balance Control.

CHECK UNIT'S OVERALL LENGTH, CHECK YOUR HORIZONTAL & VERTICAL DIMENSIONS.



ORDER PRO-AIR CAPACITY VERTICAL

P **V** **03** / **6** — **6** — **B**
 MOUNTING W/H MODEL RATIO TRAVEL (6 FT.) BALANCE CONTROL

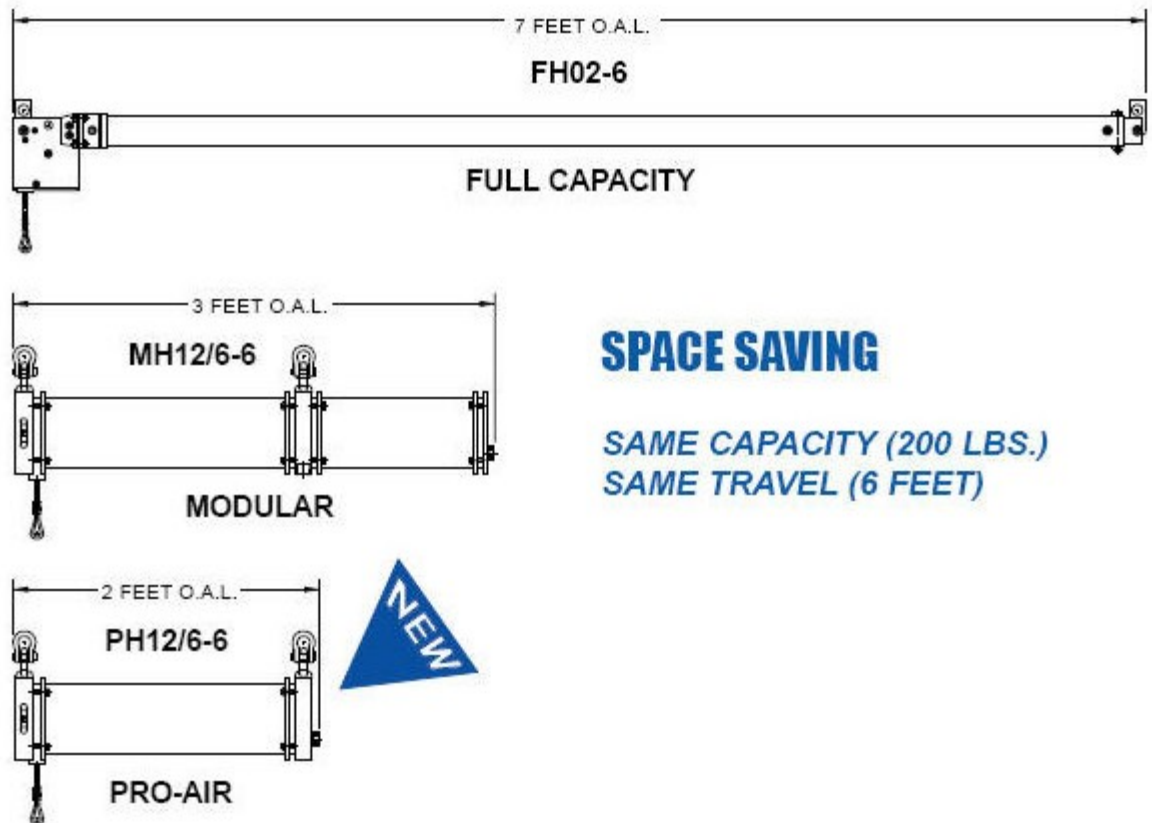
PV03/6-6B Pro-Air Capacity, Vertical mounting, 60 lb. Cap. @ 80 PSI, 6 ft. travel with Balance Control.

WE RECOMMEND OUR SAFETY CHAIN & DROP STOP* LOAD ARRESTORS (OSHA APPROVED) FOR SAFETY OF PERSONNEL AND PRODUCT.

TMI TRI-MOTION
INDUSTRIES, INC.
LEADERS IN AIR BALANCING HOISTS

COMPARING OVERALL LENGTHS

BAL-TROL
BALANCE CONTROL



Bal-Trol® Air Balancers/Air Balancing Hoists feature three distinct styles of units and six control packages. Selection is made on the following **IMPORTANT** Criteria:

- WEIGHT** (What Bal-Trol® Needs to Lift)
- APPLICATION** (Type of Control Required)
 - BALANCER** - When a tool or fixture must give a degree of weightlessness.
 - SENSI-TOUCH®** - Pick & Place application for loads small in size.
 - SLIM-LINE SENSI-TOUCH®** - Smaller in size, fits comfortably in most hands.
 - SPEED HANDLE** - Pick & Place application for large loads.
 - NEW!! PRO HANDLE** - Proportional speed up & down, similar to your car accelerator.
 - NEW!! SLIM HANDLE** - Smaller, works on any size Bal-trol®.
- SPACE REQUIRED FOR MOUNTING** - Three styles to select:
 - FULL CAPACITY UNITS:** Offer 1:1 ratio, these units are dimensionally longer than modular units.
 - MODULAR UNITS:** When mounting space is limited.

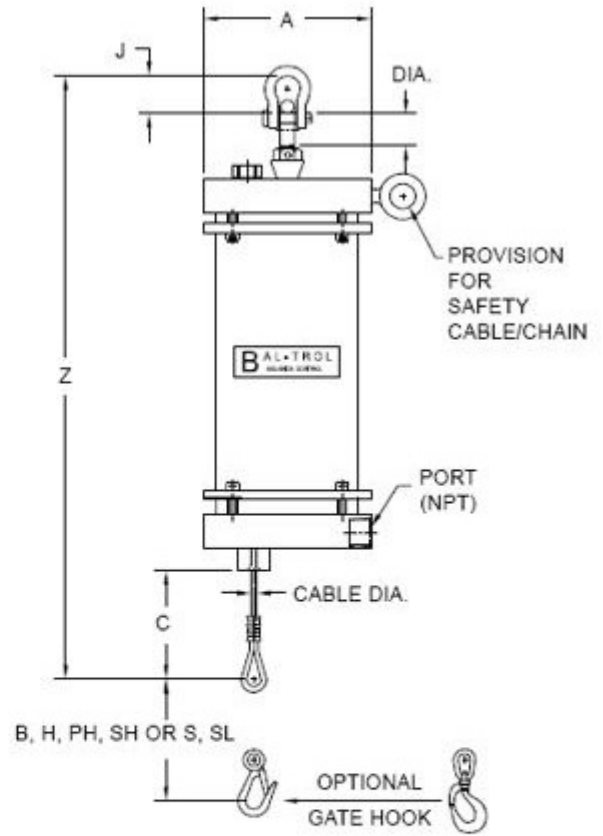
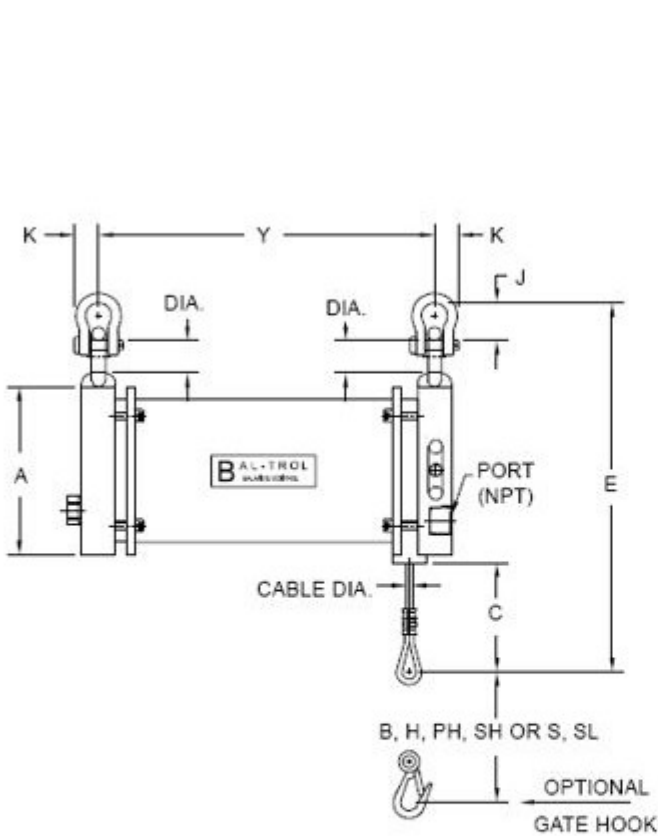
In the illustration, the two units have the same travel and capacity. Six foot of travel at 200 lbs. capacity. 1:1 Ratio equal 7' O.A.L, Modular equals 3' O.A.L.

 - NEW!! PRO-AIR UNITS:** Smaller, more compact but has the same lifting capacity. Fewer parts and less maintenance. Six foot of travel at 200 lbs. capacity equals 2' O.A.L

PRO-AIR UNITS

PH & PV DIMENSIONS

MODEL	A	B	C	E	H	J	K	S	DIA.	CABLE DIA.	PORT (NPT)
03	3.63	3.00	4.50	10.54	3.00	1.50	.93	16.69	.78	ID: 1/16 OD: 3/32 (7 X 7)	1/4
06	4.50	3.00	4.50	11.64	3.00	1.50	.93	16.69	.78	ID: 3/32 OD: 1/8 (7 X 19)	3/8
12	6.25	10.00	5.50	14.24	3.00	1.50	.93	16.69	.97	ID: 1/8 OD: 3/16 (19 X 7)	3/8



NOTE: We Reserve the Right to Change Specifications & Dimensions Without Notice. When Specifications Are Critical Consult Factory.

THE CHART BELOW INDICATES THE OVERALL LENGTH OF UNITS AT VARIOUS TRAVEL. THESE MEASUREMENTS ARE THE OVERALL LENGTH ONLY, NO CONTROLS ADDED IN.

PRO-AIR MODEL OVERALL LENGTHS AT VARIOUS TRAVEL.

We Have Figured Your Overall Lengths.

	40 LBS.		60 LBS.		80 LBS.		75 LBS.		100 LBS.		125 LBS.		150 LBS.		200 LBS.		300 LBS.	
TRAVEL FEET	HORIZ. PH03/8	VERT. PV03/8	HORIZ. PH03/6	VERT. PV03/6	HORIZ. PH03/4	VERT. PV03/4	HORIZ. PH06/8	VERT. PV06/8	HORIZ. PH06/6	VERT. PV06/6	HORIZ. PH06/4	VERT. PV06/4	HORIZ. PH12/8	VERT. PV12/8	HORIZ. PH12/6	VERT. PV12/6	HORIZ. PH12/4	VERT. PV12/4
	Y	Z	Y	Z	Y	Z	Y	Z	Y	Z	Y	Z	Y	Z	Y	Z	Y	Z
1'	6.46	15.42	6.96	15.92	7.96	16.92	7.75	17.06	8.25	17.56	9.25	18.56	10.12	21.00	10.62	21.50	11.62	22.50
2'	7.96	16.92	8.96	17.92	10.96	19.92	9.25	18.56	10.25	19.56	12.25	21.56	11.62	22.50	12.62	23.50	14.62	25.50
3'	9.46	18.42	10.96	19.92	13.96	22.92	10.75	20.06	12.25	21.56	15.25	24.56	13.12	24.00	14.62	25.50	17.62	28.50
4'	10.96	19.92	12.96	21.92	16.96	25.92	12.25	21.56	14.25	23.56	18.25	27.56	14.62	25.50	16.62	27.50	20.62	31.50
5'	12.46	21.42	14.96	23.92	19.96	28.92	13.75	23.06	16.25	25.56	21.25	30.56	16.12	27.00	18.62	29.50	23.62	34.50
6'	13.96	22.92	16.96	25.92	22.96	31.92	15.25	24.56	18.25	27.56	24.25	33.56	17.62	28.50	20.62	31.50	26.62	37.50
7'	15.46	24.42	18.96	27.92	25.96	34.92	16.75	26.06	20.25	29.56	27.25	36.56	19.12	30.00	22.62	33.50	29.62	40.50
8'	16.96	25.92	20.96	29.92	28.96	37.92	18.25	27.56	22.25	31.56	30.25	39.56	20.62	31.50	24.62	35.50	32.62	43.50
9'	18.46	27.42	22.96	31.92	31.96	40.92	19.75	29.06	24.25	33.56	33.25	42.56	22.12	33.00	26.62	37.50	35.62	46.50
10'	19.96	28.92	24.96	33.92	34.96	43.92	21.25	30.56	26.25	35.56	36.25	45.56	23.62	34.50	28.62	39.50	38.62	49.50

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<http://www.duramastercylinders.com>

ISO 9001:2000 Certification
No. 5047 1494/B

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