

JAYCO VENT VALVES ARE SHIPPED FROM THE FACTORY SET AT 1.3 OZ/INCH<sup>2</sup> PRESSURE FOR 2" AND 3" VALVES WHILE 4" VALVES ARE SET AT 1.5 OZ/INCH<sup>2</sup>, UNLESS OTHERWISE SPECIFIED. THE VACUUM SETTING OF 0.4 OZ/INCH<sup>2</sup> IS SPRING OPERATED AND NOT AFFECTED BY CHANGING THE PRESSURE SETTING.

TO INCREASE THE PRESSURE SETTING OF THE VALVE, WEIGHTS CAN BE ADDED TO THE INTERNAL PLUNGER ASSEMBLY. FOR HIGHER PRESSURE SETTINGS THE ALUMINUM PLUNGER MUST BE REPLACED BY A BULLET PLUNGER.



### SMALL INCREASE

ADD WEIGHT(S) IN 0.5 OZ/INCH<sup>2</sup> OR 1 OZ/INCH<sup>2</sup> INCREMENTS TO THE PLUNGER ASSEMBLY TO GAIN DESIRED PRESSURE SETTING. THIS IS DONE WITH BRONZE WASHERS CALLED WEIGHTS. EACH VALVE HAS A MAXIMUM AMOUNT OF WASHERS THAT CAN BE ADDED.

**1 oz WEIGHT • FLEXIBILITY**

### MEDIUM INCREASE

WHEN ADDING MORE THAN 1 OZ/INCH<sup>2</sup> A CUSTOM BRONZE WEIGHT CAN BE ADDED TO THE PLUNGER ASSEMBLY TO GAIN THE DESIRED PRESSURE SETTING. I.E. ADD A 2.5 OZ/INCH<sup>2</sup> WEIGHT TO A STANDARD PLUNGER ASSEMBLY TO HAVE A PRESSURE SETTING OF 4 OZ/INCH<sup>2</sup>, (1.5 + 2.5 = 4.0).

**2.5 oz WEIGHT • ECONOMICAL**



### LARGE INCREASE

FOR HIGHER PRESSURE SETTINGS THE PLUNGER ASSEMBLY MUST BE SWITCHED OUT WITH A CUSTOM "BULLET PLUNGER ASSEMBLY." THESE LARGE BRONZE WEIGHTS HAVE THE VACUUM BREAKER BUILT INTO THEM. THESE ARE SOLD BY THEIR TOTAL PRESSURE SETTING AND NOT THEIR ADDITIONAL INCREASE LIKE THE WEIGHTS.

**12 oz BULLET PLUNGER**

THE FOLLOWING PAGES HAVE THE PART NUMBERS TO ASSIST YOU IN ORDERING WEIGHTS FOR THE SIX JAYCO VENT VALVES. ON THESE PAGES YOU CAN SEE THE MAXIMUM AMOUNT OF WEIGHTS THAT CAN BE ADDED TO EACH VALVE AND WHEN A "BULLET PLUNGER" MUST BE USED.

REMEMBER THAT INCREASING THE PRESSURE SETTING ON THE VENT VALVE WILL DELAY THE PRESSURE RELIEF. MAKE SURE THAT THE CHANGES MADE WILL WORK WITHIN THE CONFINES OF THE INSTALLATION. PLEASE CALL IF YOU HAVE QUESTIONS ABOUT THIS DOCUMENT.

## JAYCO VENT VALVES WEIGHTS 2" JV101 & JV200

PRESSURE SETTING	ADDITIONAL WEIGHT	WEIGHT P/N	BULLET PLUNGER P/N
1.3 oz	STANDARD	--	--
2.0 oz	0.7 oz	JV0260Z	--
2.5 oz	0.5 & .7 oz	JV0260A + JV0260Z	--
3.0 oz	1.0 & .7 oz	JV0260B + JV0260Z	--
3.5 oz	1.5 & .7 oz	JV0260C + JV0260Z	--
4.0 oz	2.0 & .7 oz	JV0260D + JV0260Z	--
4.5 oz	2.5 & .7 oz	JV0260E + JV0260Z	--
5.0 oz	3.0 & .7 oz	JV0260F + JV0260Z	--
5.5 oz	3.5 & .7 oz	JV0260G + JV0260Z	--
6.0 oz	4.0 & .7 oz	JV0260H + JV0260Z	--
6.5 oz	4.5 & .7 oz	JV0260I + JV0260Z	--
7.0 oz	5.0 & .7 oz	JV0260J + JV0260Z	←
* 7.5 oz	5.5 & .7 oz	JV0260K + JV0260Z	--
* 8.0 oz	6.0 & .7 oz	JV0260L + JV0260Z	--
* 8.5 oz	6.5 & .7 oz	JV0260M + JV0260Z	--
* 9.0 oz	7.0 & .7 oz	JV0260N + JV0260Z	--
* 10.0 oz	--	--	JV0261A
* 12.0 oz	--	--	JV0261B
* 14.0 oz	--	--	JV0261E
* 16.0 oz	--	--	JV0261G

MAX AMOUNT OF STACKED 1 oz WASHERS

- ALL WEIGHTS LISTED ABOVE ARE IN OZ/INCH<sup>2</sup>
  - MAX AMOUNT OF STACKED 1 OZ WEIGHTS IS 5 FOR A PRESSURE SETTING OF 6.5 oz
  - CUSTOM BRONZE WEIGHTS RANGE FROM 1.5 oz TO 7.5 oz (3 oz TO 9 oz PRESSURE SETTINGS)
  - PRESSURE SETTINGS FROM 10 oz TO 16 oz REQUIRE A "BULLET PLUNGER" INSTEAD OF ADDING WEIGHTS TO THE EXISTING PLUNGER. BULLET PLUNGERS REPLACE THE ORIGINAL PLUNGER AND CANNOT HAVE ADDITIONAL WEIGHT ADDED TO THEM
  - WHEN MIXING WEIGHTS, INSTALL THE BIGGER (HEAVIER) WEIGHT ON TOP OF THE SMALLER WEIGHT
- \* ON THE JV200, THE BLEEDER LEVER AND THE CONICAL LEVER SPRING MUST BE REMOVED WHEN THE PRESSURE SETTING IS SET BETWEEN 7.5 oz & 16 oz (P/N'S JV0230 & JV0262)

## JAYCO VENT VALVES WEIGHTS 3" JV301 & JV401

PRESSURE SETTING	ADDITIONAL WEIGHT	WEIGHT P/N	BULLET PLUNGER P/N
1.3 oz	STANDARD	--	--
2.0 oz	0.7 oz	JV0360Z	--
2.5 oz	0.5 & .7 oz	JV0360A + JV0360Z	--
3.0 oz	1.0 & .7 oz	JV0360B + JV0360Z	--
3.5 oz	1.5 & .7 oz	JV0360C + JV0360Z	--
4.0 oz	2.0 & .7 oz	JV0360D + JV0360Z	--
4.5 oz	2.5 & .7 oz	JV0360E + JV0360Z	--
* 5.0 oz	3.0 & .7 oz	JV0360F + JV0360Z	←
* 5.5 oz	3.5 & .7 oz	JV0360G + JV0360Z	--
* 6.0 oz	4.0 & .7 oz	JV0360H + JV0360Z	--
* 6.5 oz	4.5 & .7 oz	JV0360I + JV0360Z	--
* 7.0 oz	5.0 & .7 oz	JV0360J + JV0360Z	--
* 7.5 oz	5.5 & .7 oz	JV0360K + JV0360Z	--
* 8.0 oz	6.0 & .7 oz	JV0360L + JV0360Z	--
* 9.0 oz	--	--	JV0361B
* 10.0 oz	--	--	JV0361C
* 12.0 oz	--	--	JV0361D
* 14.0 oz	--	--	JV0361E
* 16.0 oz	--	--	JV0361F

MAX AMOUNT OF STACKED 1 oz WASHERS

- ALL WEIGHTS LISTED ABOVE ARE IN OZ/INCH<sup>2</sup>
  - MAX AMOUNT OF STACKED 1 oz WEIGHTS IS 4 FOR A PRESSURE SETTING OF 5.5 oz
  - CUSTOM BRONZE WEIGHTS RANGE FROM 1.5 oz TO 6 oz (3 oz TO 7.5 oz PRESSURE SETTINGS)
  - A MODIFIED PLUNGER MUST BE USED WITH 4.5 oz TO 6.5 oz WEIGHTS. THE MODIFIED PLUNGER ALLOWS FOR MORE SPACE TO FIT THE HEAVIER CUSTOM WEIGHTS. P/N IS JV0311 (STARTING IN 2013, NEW VALVES ARE SHIPPING WITH MODIFIED PLUNGERS)
  - PRESSURE SETTINGS FROM 9 oz TO 12 oz REQUIRE A "BULLET PLUNGER" INSTEAD OF ADDING WEIGHTS TO THE EXISTING PLUNGER. BULLET PLUNGERS REPLACE THE ORIGINAL PLUNGER AND CANNOT HAVE ADDITIONAL WEIGHT ADDED TO THEM
  - WHEN MIXING WEIGHTS, INSTALL THE BIGGER (HEAVIER) WEIGHT ON TOP OF THE SMALLER WEIGHT
- \* ON THE JV 401, THE BLEEDER LEVER AND THE CONICAL LEVER SPRING MUST BE REMOVED WHEN THE PRESSURE SETTING IS SET BETWEEN 5 oz & 12 oz (P/N'S JV0430 & JV0262)

# JAYCO VENT VALVES WEIGHTS

## 4" JV500 & JV600

PRESSURE SETTING	ADDITIONAL WEIGHT	WEIGHT P/N	BULLET PLUNGER P/N
1.5 oz	STANDARD	--	--
2.0 oz	0.5oz	JV0460A	--
2.5 oz	1.0 oz	JV0460B	--
3.0 oz	1.5oz	JV0460C	--
3.5 oz	2.0 oz	JV0460D	--
4.0 oz	2.5oz	JV0460E	--
4.5 oz	3.0 oz	JV0460F	--
5.0 oz	3.5oz	JV0460G	--
5.5 oz	4.0 oz	JV0460H	--
6.0 oz	4.5 oz	JV0460I	--
6.5 oz	5.0 oz	JV0460J	--
7.0 oz	5.5oz	JV0460K	--
7.5 oz	6.0 oz	JV0460L	--
8.0 oz	6.5oz	JV0460M	--
8.5 oz	7.0 oz	JV0460N	--
9.0 oz	7.5oz	JV0460O	--
* 9.5 oz	8.0 oz	JV0460P	--
* 10.0 oz	8.5 oz	JV0460Q	--
* 10.5 oz	9.0 oz	JV0460R	--
* 11.0 oz	9.5 oz	JV0460S	--
* 11.5 oz	10 oz	JV0460T	--
* 12.0 oz	10.5 oz	JV0460U	--
* 14.0 oz	--	--	JV0461A
* 16.0 oz	--	--	JV0461B

MAX AMOUNT OF STACKED 1 oz WASHERS

- ALL WEIGHTS LISTED ABOVE ARE IN OZ/INCH<sup>2</sup>
  - MAX AMOUNT OF STACKED 1 oz WEIGHTS IS 7 FOR A PRESSURE SETTING OF 8.5 oz
  - CUSTOM BRONZE WEIGHTS RANGE FROM 1.5 oz TO 10.5oz (3oz TO 12oz PRESSURE SETTINGS)
  - PRESSURE SETTINGS FROM 14 oz TO 16 oz REQUIRE A "BULLET PLUNGER" INSTEAD OF ADDING WEIGHTS TO THE EXISTING PLUNGER. BULLET PLUNGERS REPLACE THE ORIGINAL PLUNGER AND CANNOT HAVE ADDITIONAL WEIGHT ADDED TO THEM
  - WHEN MIXING WEIGHTS, INSTALL THE BIGGER (HEAVIER) WEIGHT ON TOP OF THE SMALLER WEIGHT
- \* ON THE JV600, THE BLEEDER LEVER AND THE CONICAL LEVER SPRING MUST BE REMOVED WHEN THE PRESSURE SETTING IS SET BETWEEN 9.5 oz & 16 oz (P/N'S JV0430 & JV0262)