

# SERVICE

Basic Dresser Wayne  
D2400 Control  
System Settings



# INDEX

<b>OVATION POSITIONS</b> .....	<b>3</b>
<b>3/VISTA HOSE POSITIONS DEFINED BY VALUES OF <i>N</i>.</b> .....	<b>4</b>
<b>ALL UNITS WITH ONE PRICE PER FUELLING POINT FOR EXAMPLE</b> .....	<b>5</b>
<b>3/G2201, 3/G7202, 3/G2227, 3/G7237, 3/V387 HS3/V387</b> .....	<b>5</b>
<b>TWO PRICES PER FUELLING POINT</b> .....	<b>5</b>
<b>OVATION R22/2, R12/2, 3/VISTA 389 AND 399 AND HS3/V388</b> .....	<b>5</b>
<b>3 PRICES PER FUELLING POINT</b> .....	<b>5</b>
<b>3/V390, 3V390/U AND OVATION R13/3</b> .....	<b>5</b>
<b>3 PRODUCT BLENDER</b> .....	<b>6</b>
<b>OVATION B12/3, 3/V580 AND 3/V590U</b> .....	<b>6</b>
<b>5 PRODUCT BLENDER</b> .....	<b>7</b>
<b>OVATION B12/5 AND 3V585</b> .....	<b>7</b>
<b>3+1, AND 4+1 BLENDER 3/V595</b> .....	<b>8</b>
<b>1+3 AND 1+4 OVATION B23/4 AND B23/5</b> .....	<b>8</b>
<b>3 POSITION 3 HOSE PER SIDE BLENDER</b> .....	<b>9</b>
<b>3/V590</b> .....	<b>9</b>

**Blending Models.**



positions  
6,5,4,3

position  
1



positions  
7,3

**Model B23/5220D1 Model B12/2220D3**



positions  
6,5,4

position  
1



positions  
7,6,5,4

**Model B23/4220D1 Model B12/4220D3**



positions  
6,4

position  
1



positions  
7,5,3

**Model B23/3220D1 Model B12/3220D3**



Model R11/1220D1 Model R22/2220D1



positions  
3-2-1

Model R13/3220D1

Non-blending Models.

## Ovation Positions

The physical number of hoses on one side of the dispenser is not the same as the number of electronic hose positions on that side. Unit prices and blend ratios are set in electronic hose position or logical nozzle order. B23/3, B23/4 and B23/5 model Blenders each have **2** hoses per side and **3** inlets, but either 3, 4 or 5 grade selects/logical nozzles as shown in Figures 3-2 A-C. Logical nozzles are assigned positions 1 through 7, depending on the dispenser model as shown in Table 3-1.

Three product MGD models have one hose per side and three logical nozzles, which are positions: 1, 2, and 3. For these non-blending models, such as the R13/3, these products are shown as the X, Y, Z products in Table 3-1.

Logical nozzle positions for the Ovation models listed below are also shown in the examples in Figures 3-2 and 3-3 on the following pages.

**Ovation Hose (Logical Nozzle) Positions Defined by Values of N.**

Ovation Model # begins with	Dispenser Description	N=7	N=6	N=5	N=4	N=3	N=2	N=1
B23/5	Two Hose (1+4) Blender		Lo Feedstock	Lo-BL	Hi-BL	Hi Feedstock		Single Grade
B23/4	Two Hose (1+3) Blender		Lo Feedstock	BL	Hi Feedstock			Single Grade
B23/3	Two Hose (1+2) Blender		Lo Feedstock		Hi Feedstock			Single Grade
B12/5	Single Hose 5 Grade Blender	Lo Feedstock	Lo-BL	Mid-BL	Hi-BL	Hi Feedstock		
B12/4	Single Hose 4 Grade Blender	Lo Feedstock	Lo-BL	Hi-BL	Hi Feedstock			
B12/3	Single Hose 3 Grade Blender	Lo Feedstock		BL		Hi Feedstock		
B12/2	Single Hose 2 Grade Blender	Lo Feedstock				Hi Feedstock		
R13/3	3 Grade Non-Blender					Z	Y	X
R22/2	2 Grade Non-Blender						Y	X
R11/1	1 Grade Non-Blender							X

Model number designations are defined as follows: B23/5 model, B = Blender, 2 = two hoses per side, 3 = three inlets, 5 = five grade selects. R13/3 model, R = Regular piped non-blender, 1 = one hose per side, 3 = three inlets, 3 = three grade selects.

**3/Vista Hose Positions Defined by Values of N.**

DISPENSER TYPE	N=7	N=6	N=5	N=4	N=3	N=2	N=1
3/V595 (4+1)		Lo Feedstock	Lo-BL	Hi-BL	HI Feedstock		Single Grade
3/V595 (3+1)		Lo Feedstock	BL	HI Feedstock			Single Grade
3/V595/U	Lo Feedstock	Lo-BL	Mid-BL	Hi-BL	HI Feedstock		
3/V595/U (4)	Lo Feedstock	Lo-BL	Hi-BL	HI Feedstock			
3/V580	Lo Feedstock		BL		HI Feedstock		
3/V585	Lo Feedstock	Lo-BL	Mid-BL	Hi-BL	HI Feedstock		
3/V590				HI Feedstock	BL	Lo Feedstock	
3/V590/U	Lo Feedstock		BL		HI Feedstock		
3/V591	Lo Feedstock		BL		HI Feedstock		Single Grade
3/V490/U				AA	Z	Y	X
3/V490				AA	Z	Y	X
3/V390					Z	Y	X
3/V399						Y	X
3/V389						Y	X
3/V387							X

**ALL UNITS WITH ONE PRICE PER FUELLING POINT FOR EXAMPLE**  
**3/G2201, 3/G7202, 3/G2227, 3/G7237, 3/V387 HS3/V387**

<u>PRIME MODE</u>	<u>SUB MODE</u>	<u>DATA</u>	
MODE 03	01 TO MAX F. P.* NUMBER	0001	
MODE 18	01 TO MAX F. P.* NUMBER	POS. 01	1 (GRADE 1)
		POS. 02 TO 07	0 =NOT USED

**TWO PRICES PER FUELLING POINT**  
**OVATION R22/2, R12/2, 3/VISTA 389 AND 399 and HS3/V388**

<u>PRIME MODE</u>	<u>SUB MODE</u>	<u>DATA</u>	
MODE 03	01 TO MAX F. P.* NUMBER	0012	
MODE 18	01 TO MAX F. P.* NUMBER	POS 01	2 (GRADE 2)
		POS 02	1 (GRADE 1)
		POS 03 TO 07	0 =NOT USED

**3 PRICES PER FUELLING POINT**  
**3/V390, 3V390/U AND OVATION R13/3**

<u>PRIME MODE</u>	<u>SUB MODE</u>	<u>DATA</u>	
MODE 03	01 TO MAX F. P.* NUMBER	0123	
MODE 18	01 TO MAX F. P.* NUMBER	POS 01	3 (GRADE 3)
		POS 02	2 (GRADE 2)
		POS 03	1 (GRADE 1)
		POS 04 TO 07	0 = NOT USED

**3 PRODUCT BLENDER**  
**OVATION B12/3, 3/V580 AND 3/V590U**

<b><u>PRIME MODE</u></b>	<b><u>SUB MODE</u></b>	<b><u>DATA</u></b>	
MODE 03	01 TO MAX F. P.* NUMBER	0540	
MODE 18	01 TO MAX F. P.* NUMBER	POS 01	0 NOT USED
		POS 02	0 NOT USED
		POS 03	5 (GRADE 5)
		POS 04	0 NOT USED
		POS 05	6 (GRADE 6)
		POS 06	0 NOT USED
		POS 07	4 (GRADE 4)
MODE 17	6	50 OR CUSTOMER SPECIFICATION	
	7	101 NOT USED	
	8	101 NOT USED	
	9	101 NOT USED	



**5 PRODUCT BLENDER**  
**OVATION B12/5 AND 3V585**

<b><u>PRIME MODE</u></b>	<b><u>SUB MODE</u></b>	<b><u>DATA</u></b>	
MODE 03	01 TO MAX F. P.* NUMBER	0540	
MODE 18	01 TO MAX F. P.* NUMBER	POS 01	0 NOT USED
		POS 02	0 NOT USED
		POS 03	5 (GRADE 5)
		POS 04	8 (GRADE 8)
		POS 05	7 (GRADE 7)
		POS 06	6 (GRADE 6)
		POS 07	4 (GRADE 4)
MODE 17	6	25 OR CUSTOMER SPECIFICATION	
	7	50 OR CUSTOMER SPECIFICATION	
	8	75 OR CUSTOMER SPECIFICATION	
	9	101 NOT USED	

**3+1, AND 4+1 BLENDER 3/V595**  
**1+3 AND 1+4 OVATION B23/4 AND B23/5**

<b><u>PRIME MODE</u></b>	<b><u>SUB MODE</u></b>	<b><u>DATA</u></b>
MODE 03	01 TO MAX F. P.* NUMBER	0541
 <b><u>4+1 AND 1+4 SET UP</u></b>		
MODE 18	01 TO MAX F. P.* NUMBER	POS 01      1 (GRADE 1) POS 02      0 NOT USED POS 03      5 (GRADE 5) POS 04      8 (GRADE 8) POS 05      6 (GRADE 6) POS 06      4 (GRADE 4) POS 07      0 NOT USED
MODE 17	6 7 8 9	36 OR CUSTOMER SPECIFICATION 101 NOT USED 72 OR CUSTOMER SPECIFICATION 101 NOT USED

**3+1 AND 1+3 SETUP**

MODE 18	01 TO MAX F. P.* NUMBER	POS 01      1 (GRADE 1) POS 02      0 NOT USED POS 03      0 NOT USED POS 04      5 (GRADE 5) POS 05      6 (GRADE 6) POS 06      4 (GRADE 4) POS 07      0 NOT USED
MODE 17	6 7 8 9	50 OR CUSTOMER SPECIFICATION 101 NOT USED 101 NOT USED 101 NOT USED

**3 POSITION 3 HOSE PER SIDE BLENDER**

**3/V590**

<b><u>PRIME MODE</u></b>	<b><u>SUB MODE</u></b>	<b><u>DATA</u></b>	
MODE 03	01 TO MAX F. P.* NUMBER	0540	
MODE 18	01 TO MAX F. P.* NUMBER	POS 01	0 NOT USED
		POS 02	4 (GRADE 4)
		POS 03	6 (GRADE 6)
		POS 04	5 (GRADE 5)
		POS 05 TO 07	0 NOT USED
MODE 17	6	50 OR CUSTOMER SPECIFICATION	
	7	101 NOT USED	
	8	101 NOT USED	
	9	101 NOT USED	

## TERMS AND CONDITIONS

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Seller warrants that new product and parts of its own design and manufacture when shipped, will be good quality and will be free from defects in material and workmanship and will conform to applicable specifications. Work, when performed by Seller, will meet applicable work requirements. No warranty is made with respect to used or rebuilt equipment and with respect to products not manufactured by Seller. Seller's only obligation shall be to assign to Buyer, at the time of sale, whatever warranty seller has received from the manufacturer. Items such as but not limited to lamps, electric motors, hoses, nozzles, hose swivels and safety impact valves are included in the category referred to in the previous sentence. Seller's recommendations with respect to the operation of seller's equipment are advisory only and are not warranted. All claims under this warranty must be made in writing immediately upon discovery and, in any event, within twenty-four (24) months from date of start-up, if a product is involved, or from completion of the applicable work, if work is involved, or thirty (30) months from date of invoice (whichever shall occur first). (Provided however, that with respect to the Wayne Plus system, 2400 system, card readers, and ATC equipment, all claims must be made in writing within twelve (12) months from date of start-up. With respect to receipts/totals printers, and any other printers or printing mechanisms, all claims must be made in writing within ninety (90) days from date of start-up. Vista pumps and dispenser external metal panels will be free from defects due to rust and/or corrosion for a period of forty-eight (48) months from date of dispenser start-up). Defective and nonconforming items must be held for Seller's inspection and returned to the original F.O.B. point upon request. Seller's warranty on service parts, whether new or reconditioned, is ninety (90) days from the date of installations, or twelve (12) months from date of invoice, whichever first occurs. THE FOREGOING IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES WHATSOEVER, EXPRESSED, IMPLIED AND STATUTORY, INCLUDING WITHOUT LIMITATIONS, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS.

Upon buyer's submission of a claim as provided above and its substantiation. Seller shall, at its option either (I) repair or replace its products or work at the original f.o.b. point or location of purchase products and/or parts of (II) refund an equitable portion of the purchase price.

THE FOREGOING IS SELLER'S ONLY OBLIGATION AND BUYER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY AND, EXCEPT FOR GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, THE FOREGOING IS BUYER'S EXCLUSIVE REMEDY AGAINST SELLER FOR ALL CLAIMS ARISING HEREUNDER OR RELATING HERE TO WHETHER SUCH CLAIMS ARE BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES. BUYER'S FAILURE TO SUBMIT A CLAIM AS PROVIDED ABOVE SHALL SPECIFICALLY WAIVE ALL CLAIMS FOR DAMAGES OR OTHER RELIEF, INCLUDING BUT NOT LIMITED TO CLAIMS BASED ON LATENT DEFECTS. IN NO EVENT SHALL BUYER BE ENTITLED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES. ANY ACTION BY BUYER ARISING HEREUNDER OR RELATING HERETO, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES, MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CAUSE OF ACTION ACCRUES OR IT SHALL BE BARRED.

"NOTE: This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in as commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense."

