

VTG Dehumidifying Dryer, 460/3/60

- Dual Desiccant Beds, Single Blower Design
- Temperature Range: 180-375°F
- Return Air Cooling Coil for > 250°F Drying
- Remote Process Heater Assembly
- Two-Tone Enclosure featuring Mirrored Finish Stainless Steel Panels
- Easy Access Large Capacity Cartridge Filter
- Dew Point Sensor with Readout to -40°F

Focus-V

- 5.7" LCD Color Touchscreen
- Real-Time Graphing of Key Variables
- 7 Day Clock
- Material Saver-Over-Drying Protection with Temperature Setback
- Over-Temperature Protection
- USB Connection for Data Download
- Configurable Alarms (Fatal or Non-Fatal)
- Positive Air Flow Verification

Drying Hopper

- Fully Insulated
- Solid Cone Air Diffuser
- Large Clean out Door
- Stainless Steel Contact Surfaces
- Mirrored Finish Stainless Steel Wrapper
- Hopper-Mounted Process Heater
- Drain-out Tube with Slide Gate
- Slide Gate on Hopper Discharge

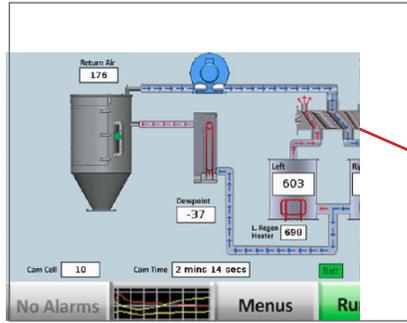
VANTAGE Stand for Dryer and Hopper

- Casters for Portability
- Connection Hoses, Supply & Return Red Silicone

Single Port Convertible VTA

- Available with 1.5" OD or 2.0" OD port. Please specify during ordering

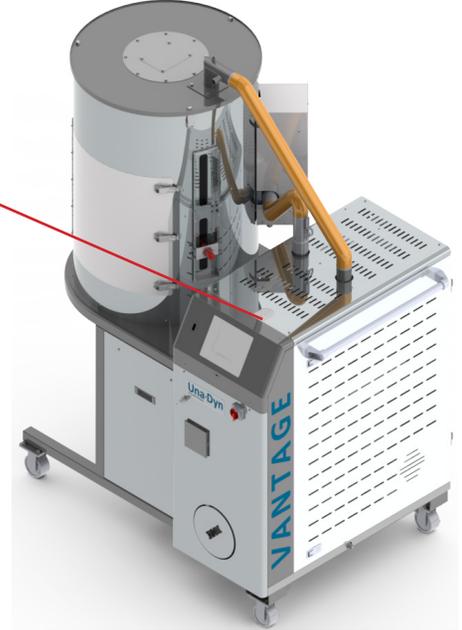
FOCUS-V: Main Screen



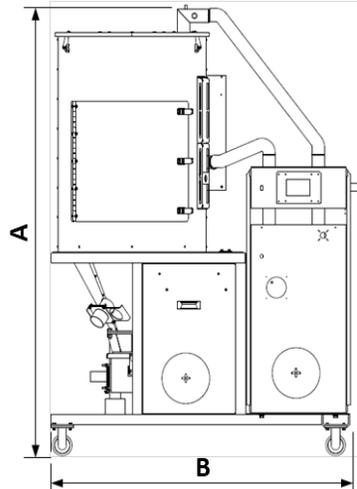
**Included With
Purchase:**

**OPERATOR
BONUS PACK**

(4) Process Filters



Reference TB-00060-SHC-25-1000 for Hopper&TB-00060 VTG.30-175 VANTAGE Series Dryer Information.



Dryer	Hopper	A (in)	B (in)	Wide (in)	Price US\$
30	SHC-120	77	52	39	\$16,980
55	SHC-200	75	52	39	\$21,460
100	SHC-400	81	62	45	\$26,135
150	SHC-600	97	62	45	\$29,565

Options	Price US\$
Hopper Loading w/Self-Contained Loaders	
SC-55 Self-Contained Loader	\$2,940
LS-45 Self-Contained Loader	\$3,390
Machine Loading w/Self-Contained Glass Tube Loaders	
SC-55/8" GT Self-Contained Loader	\$4,040
LS-45/8" GT Self-contained Loader	\$5,800
AutoLoad AL 1525-OO Compressed Air Loader	\$1,650
VCL On-Board Loading Integral to Dryer *	
Single VCL VTG-30 & 55 ^[1] Machine Only	\$4,790
Single VCL VTG-100/150/175 ^[1] Machine Only	\$5,260
Dual VCL VTG-30 & 55 ^[2]	\$5,860
Dual VCL VTG-100/150/175 ^[2]	\$6,190
High Temperature >300°F Conveying Package; Include Stainless Steel Conveying Hosing	\$870

*VCL Options add 4 weeks delivery

Dryer Model Range and Specifications										
Dryer		Hopper Model	Hopper Volume ft ³	Lbs. @ 35 Lbs. /ft ³	Throughput Rate Lbs./hr.				Power @ 460V/3/60 FLA	Water @ 85 °F GPM
Ready Model	Airflow CFM				Residence Time					
					3	4	5	6		
30	30	SHC-120	3.4	120	40	30	24	20	10	2
55	55	SHC-200	5.7	200		50	40	33	17	2
100	100	SHC-400	11.4	400		100	80	67	22	4
150	150	SHC-600	17.1	600		150	120	100	22	4

^[1]NOTE: Includes Vacuum Pump, Protective Filter, Motor Starter, Single Port Convertible VTA 1.5" O.D., Standard Temperature Hardware Package including: (2) Elbows, (2) Bolted Tube Couplers, and Flex Hosing. (1) Machine Loading Chamber = GT4 Chamber (for VTG-30 and 55) or GT8 Chamber (for VTG-100, 150 and 175) with internal flapper and 1.5" O.D. ^[2]Note: Includes Vacuum Pump, Protective Filter, Motor Starter, DSS (Dual Sequence Segregation Valve for Open and Closed loop Conveying), Controller Add-On, Single Port Convertible VTA 1.5" O.D., Standard Temperature Hardware Package including: (1) Suction lance, (3) Elbows, (3) Bolt Tube Couplers, and Flex Hosing. (1) Machine Loading Chamber = GT4 Chamber (For VTG-30 and 55) or GT8 Chamber (for VTG-100-175) with internal flapper and 1.5" O.D. and (1) Hopper Loading Chamber = 0.25 LS Chamber (For

Terms and Conditions

1. **UNIVERSAL DYNAMICS, INC., (henceforth referred to as UNA-DYN, or the COMPANY)** guarantees that its products are free from defects in materials and workmanship, and that if, within one year from date of shipment thereof, any guaranteed product should fail for the foregoing reasons, UNA-DYN will replace or repair such product free of charge under conditions described herein. THE CORRECTION OF SUCH DEFECTS BY REPAIR OR REPLACEMENT IN THE MANNER SET FORTH HEREIN SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER AND SHALL CONSTITUTE FULFILLMENT OF ALL OF THE OBLIGATIONS OF UNA-DYN WITH RESPECT TO ANY WARRANTY GIVEN HEREIN RELATING TO ANY EQUIPMENT SOLD OR DELIVERED HEREUNDER.

UNA-DYN does not guarantee the performance of any product except as may be expressly stated to the contrary in the applicable quotation or other documents of which these conditions are a part.

Guarantees of products not manufactured by UNA-DYN, including purchased components, shall be limited to the guarantees and warranties of the respective manufacturers.

THE WARRANTIES, OBLIGATIONS AND LIABILITIES OF UNA-DYN SET FORTH HEREIN ARE EXCLUSIVE AND IN SUBSTITUTION FOR ALL OTHER WARRANTIES, OBLIGATIONS AND LIABILITIES OF UNA-DYN, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. WITH RESPECT TO ANY NON-CONFORMANCE OR DEFECT IN PRODUCT. IN NO EVENT SHALL UNA-DYN BE LIABLE TO BUYER OR ITS CUSTOMERS FOR LOSS OF USE, REVENUE OR PROFIT, OR FOR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO THE TRANSACTIONS HEREIN.

2. **ALL CLAIMS** under the guarantee above, must be made promptly in writing to UNADYN. Defective material must either be returned to UNA-DYN, freight prepaid, or made available for inspection at customer's location within thirty (30) days of written claim.

3. **RETURNS** - Before returning any material, CUSTOMER will request a Returned Goods Authorization (RGA) number from UNA-DYN and this number must be used to identify the returned material and all associated documents. ALL RETURNED MATERIAL MUST BE SHIPPED PREPAID.

4. Any replacement parts will be shipped freight collect. Shipment of replacements prior to receipt and inspection of presumed defective parts does not waive UNA-DYN'S rights. The decision to repair, replace, or issue credit for defective material rests solely with UNA-DYN.

5. **PRICES** - All prices are F.O.B. Dock, Woodbridge, Virginia, or point of manufacture. Prices do not include sales, use, excise, or similar taxes, which shall be paid by the PURCHASER or in lieu thereof, the PURCHASER shall provide UNA-DYN with a certificate of tax exemption to the taxing authorities.

6. **ORDERS** – To be binding and valid, all orders must be accepted in writing by the COMPANY, either at its principal office in Woodbridge, Virginia or the office of the Material Handling Division. UNA-DYN reserves the right to refuse any order prior to its written acceptance. The PURCHASER will provide all necessary credit information to enable UNA-DYN to assess and approve their credit worthiness. A 30% deposit of all orders over \$10,000 (USD) is required. The remaining 70% is Net 30.

7. **DELIVERY** – Delivery dates refer to the dates when it is estimated that the equipment will be ready for shipment from the place of manufacture and are based on prompt receipt by the seller of the order and of information necessary to permit the seller to proceed with work immediately and without interruption. It is understood and agreed that shipping dates are approximate only and while UNA-DYN will use all reasonable diligence to meet them, it does not guarantee any shipping date.

8. **DELAYS** – If shipment is delayed at PURCHASER'S request, payments due upon and after shipment are due as though shipment has been made at the time CUSTOMER was notified that shipment was ready. If shipment is delayed more than seven (7) days at CUSTOMER'S request, material may be stored at UNA-DYN'S premises or a public warehouse and CUSTOMER agrees to pay all reasonable storage and removal charges related to such storage.

9. **ENGINEERING CHANGES** – UNA-DYN reserves the right to make changes in designs and/or construction in its products at any time without incurring any obligation on units previously delivered to modify such units to include subsequent changes.

10. **TERMINATION** – PURCHASER may terminate the contract of which these conditions are a part upon notice in writing to UNA-DYN. For standard products, the PURCHASER shall pay twenty percent (20%) of the selling price of such equipment.

For special products, not part of UNA-DYN's standard line, UNA-DYN shall cease work and deliver to PURCHASER all completed or partially completed equipment and work in process. PURCHASER shall pay UNA-DYN the contract price for all completed equipment, plus all expenses of UNA-DYN in connection with partially completed work, including direct factory and engineering costs, cancellation charges to UNA-DYN on account of any commitments made under the contract, and an additional 10% of all charges to cover overhead.

11. **PURCHASER** – will use and shall require its employees to use all safety devices and guards on the shipment and maintain the same in proper working order. PURCHASER shall use and require its employees to use safe operating procedures in operating the equipment. If PURCHASER fails to observe the obligations in this paragraph, PURCHASER agrees to indemnify and save UNA-DYN harmless from any liability or obligation incurred by UNA-DYN to persons injured directly or indirectly in connection with the operation of the equipment. PURCHASER further agrees to notify UNA-DYN promptly, and in any event within thirty (30) days, of any accident or malfunction involving UNA-DYN's equipment which results in personal injury or damage to property and to cooperate fully with UNA-DYN in investigating and determining the causes of such accident or malfunction. In the event that PURCHASER fails to give such notice to UNA-DYN or to cooperate with UNA-DYN, PURCHASER agrees to indemnify and save UNA-DYN harmless from any claims arising from such accident or malfunction.

12. GENERAL:

A) This agreement is the final and complete agreement of the parties. There are no other agreements, contracts, understandings, or representations, oral or written, expressed or implied with respect to this transaction or the equipment being sold hereunder. No amendment thereto shall be effective unless in writing and signed by the parties. THESE STANDARD CONDITIONS OF SALE CONSTITUTE AN OFFER OR COUNTEROFFER THAT EXPRESSLY LIMITS ACCEPTANCE TO THE TERMS AND CONDITIONS HEREOF, INCLUDING THE EXCLUSION OF WARRANTIES AND LIMITATION OF LIABILITY AND REMEDY PROVISIONS. UNA-DYN EXPRESSLY REJECTS ANY OFFER THAT CONTAINS TERMS ADDITIONAL TO OR DIFFERENT FROM THOSE FOUND IN THESE STANDARD CONDITIONS OF SALE. THESE STANDARD CONDITIONS OF SALE WILL CONTROL OVER ANY CONFLICTING, ADDITIONAL OR DIFFERENT TERMS AND CONDITIONS IN ANY OTHER AGREEMENT OR ORDER ISSUED OR SUBMITTED BY PURCHASER IN CONNECTION HERewith. ANY ACTION BY UNA-DYN IN FULFILLING AN ORDER BY THE PURCHASER SHALL NOT BE DEEMED AN ACCEPTANCE OF THE PURCHASER'S TERMS AND CONDITIONS. Any and all other terms, verbal or written, are specifically excluded unless in writing and agreed to in writing by both parties.

B) In all cases, clerical errors are subject to correction.

C) In the event that any terms of this agreement be or become or are declared to be invalid or void by any court of competent jurisdiction, such terms shall be null and void, and shall be deemed deleted from this agreement, and all remaining terms of the agreement shall remain in full force and effect.

D) The validity, enforceability and interpretation of the above terms and conditions shall be determined and governed by the laws of the Commonwealth of Virginia.

13. **GOVERNING LAW AND FORUM** - The rights and obligations of the parties under this Agreement and any action in contract or tort between said parties under this agreement or resulting from the use or operation of equipment shall be governed by the laws of the Commonwealth of Virginia and may be brought only in the courts of the Commonwealth of Virginia.

14. **INDEMNITY** - Purchaser agrees to indemnify, defend and hold harmless UNA-DYN, its affiliates and their respective directors, officers, employees, and agents from and against all claims, demands, causes of action, losses, costs and expenses (including without limitation reasonable attorney's fees) (collectively, "losses") arising out of or related to the use of this equipment if the equipment has been (i) subjected to misuse, neglect, accident or abuse; (ii) modified, repaired or altered by someone other than UNADYN; or (iii) used in a manner not in accordance with instructions furnished by UNA-DYN.