

Heraeus



Parts Listing

DRS 10/12 Conveyor

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Heraeus Noblelight America LLC reserves the right to make changes without prior announcement.

DRS 10/12 PARTS LISTING

This document replaces any parts listings that may be contained within the DRS 10/12 Installation, Operation, and Maintenance Manual.

Contained within this document are the part numbers for your genuine Heraeus UV parts. Heraeus Noblelight America LLC (formerly Fusion UV Systems) received full ISO certification in 1993 and we maintain that certification today to the ISO 9001:2008 standard, which underscores our commitment to providing the highest quality components, systems, support, training, process development, and after sales service.

For the most current Replacement Parts Listing for the DRS 10/12 Conveyor, please visit:

<http://www.heraeus-noblelight.com/spareparts>

On-Line Store

Customers can now place parts orders online*. Our Web Store provides a new level of efficiency and convenience and features:

- 24/7 access
- fully secure website
- pictorial catalog of parts
- ability to review open or closed parts orders, invoices, and returns
- ability to track your parts shipments
- A discount is given for ALL parts ordered online

If you are not yet registered for the Web Store but would like to do so, please contact Sales Support on 1-301-990-8600 or salesupport.hna.uvp@heraeus.com.

* Only customers who place orders directly with Heraeus Noblelight America LLC may register for the online store. If you currently order parts through a local Heraeus Noblelight distributor, please contact them directly for all parts orders.

Customer Support

The following groups within Heraeus Noblelight America LLC are available to provide customer support.

Sales Support

The Sales Support group is responsible for the processing of domestic and international quotation requests as well as the purchase orders of spare parts, systems, and online orders.

Contact Sales Support at salesupport.hna.uvp@heraeus.com.

Technical Service

The Technical Service group is responsible for worldwide after sales support including repair services whether returned to a Heraeus Noblelight Service Center or at the customer site. This group also provides new equipment commissioning, maintenance and operator training, telephone/email/fax support, maintenance programs such as multi-level service contracts, and certified rebuilt equipment. Our service staff averages nearly 16 years of hands-on experience with Fusion UV equipment!

Contact Technical Services at techservice.hna.uvp@heraeus.com.

Applications Engineering

The Applications Engineering group concentrates on the optimization of a customer's UV process or proposed process and in assisting customers with troubleshooting of their UV curing process. Their expertise includes system selection and configuration; determination of system size, lamp type, and optics; machine design concepts, integration; and air handling systems and measurement (radiometry and thermometry).

This group oversees and operates the Applications Lab in which processes can be developed, demonstrated, or refined using any of a wide range of UV exposure equipment available, including all lamp and bulb types.

Contact Applications Engineering at info.hna.uvp@heraeus.com.

DRS 10/12 Conveyor Replacement Parts

Table 6: DRS 10/12 Conveyor and Motor Parts

| Reference Designator | Description | System Quantity | Heraeus Part Number |
|----------------------|--|-----------------|----------------------------------|
| | Bearing, 5/8 bore, drive | 1 | 540841 |
| | Bearing Assembly, take-up | 1 | 540781 |
| | Clutch Assembly | 1 | 034462 |
| | Conveyor Belt, anti-static, Teflon™-coated KEVLAR™, 14 in W x 136.6 in L x 1/4 in. weave | 1 | 027767 |
| | Conveyor Belt, Teflon™-coated KEVLAR™, 14 in W x 136.6 in L x 1/4 in. weave | 1 | 027763 |
| | Conveyor Control Board (Interface board) | 1 | 509461 |
| A101 | Encoder | 1 | 514701 |
| Control Board F1 | Fuse, 6.3 A | 1 | 296399 |
| Control Board F2, F3 | Fuse, 1.0 A | 2 | 302611 |
| Motor Control F2 | Fuse, motor control, 2 A | 1 | 023481 |
| | Gear Motor, 15 rpm, 1/12 HP (1-15 fpm) | 1 | 038818 |
| | Gear Motor, 57 rpm, 1/8 HP (5-75 fpm) | 1 | 038814 |
| | Gear Motor, 123 rpm, 1/8 HP (10-150 or 15-225 fpm) | 1 | 038811 |
| | Gear Motor, 456 rpm, 1/8 HP (50-500 fpm) | 1 | 038812 |
| | Kit, Motor Controller (contains motor controller, F1 & F2 fuses , and R21 resistors R21) | 1 | 574841 |
| R21 | Resistor, motor control, 0.25 ohm, 1/12 HP | 1 | 302633 |
| R21 | Resistor, motor control, 0.10 ohm, 1/8 HP | 1 | 295633 |
| | Roller Chain, #25 | 1 | 028793 |
| | Roller Chain Link, #25 | 1 | 028794 |
| | Sprocket, 30 tooth Sprocket, 17 tooth Sprocket, 20 tooth | 1 | 037272 or 039151 or 037276 |

DRS 10/12 Conveyor Blower Replacement Parts

Table 7: DRS 10/12 Blower Parts

| Reference Designator | Description | System Quantity | Heraeus Part Number |
|----------------------|---|-----------------|---------------------|
| K101 | Contactora (120V operation) or Contactora (220V operation) | 1 | 023411 or 023413 |
| F101-F102 | Fuse, 30A (120V operation) or Fuse, 15A (220V operation) | 2 | 025085 or 025086 |
| | Blower, Centrifugal, 60Hz:1725 rpm, 50Hz:1425 rpm, without motor For systems with belt travel from right to left (standard) | 1 | 574731 |
| | Blower, wheel, CCW rotation NOTE: For use only with conveyor systems with belt travel from left to right. Also requires Centrifugal blower listed above. | 1 | 585111 |
| | Motor, Blower, 1.5 HP, 1P, 50/60 Hz, 115/230V | 1 | 574721 |

NOTE: The number and correct size for replacement fuses depends upon the voltage for which the conveyor is wired. Refer to the schematic diagram in the Manual.

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