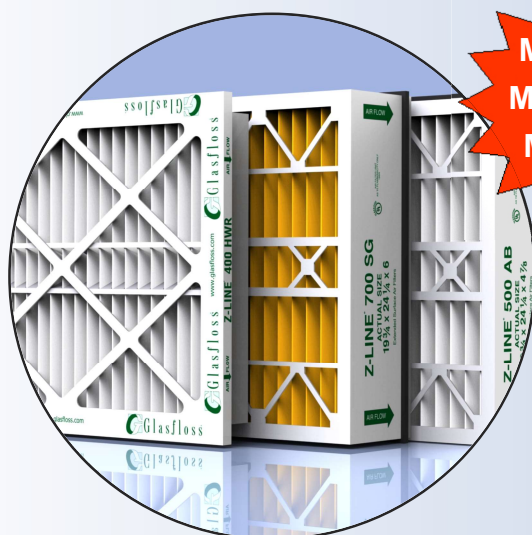




**MERV 10,  
MERV 11 &  
MERV 13**

## Z-LINE® SERIES AIR CLEANER FILTERS

- MERV 10, MERV 11 or MERV 13
- Replacement Options for Aprilaire® (formerly Space-Gard®), Trion®, Honeywell®, Goodman® & Amana® Air Cleaners
- 100% Synthetic Media
- Heavy-Duty Moisture-Resistant Construction
- Carbon Media Available for Odor Control

### FEATURES



Glasfloss Z-Line Series Air Cleaner Replacement Filters offer convenient alternatives when replacement of the original filter is necessary.

- The Z-Line 700 SG filter replacement option for Aprilaire® (formerly Space-Gard®) media #201 and #401, features a convenient cartridge design to save time and money.
- The Z-Line 600 GA is a filter replacement option for Goodman® and Amana® whole-house high efficiency media air cleaners.
- The Z-Line 500 AB and 300 AB filters are replacement options for the Trion Air Bear® and Air Cub® filters.
- The Z-Line 400 HW is a filter replacement option for the Honeywell® F-100 cartridge filters.
- The Z-Line 400 HWR is a filter replacement option for the Honeywell® F-40R cartridge filters.

Glasfloss Z-Line Series Air Cleaner Replacement Filters shall be of the extended-surface pleated media type. The media utilized shall be 100% synthetic fibers. An expanded metal reinforcement will be laminated to the air-exit side of the media by a thermo-setting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. Moisture-resistant separators are used to ensure pleat integrity during operation. The pleated cartridge will be bonded to the peripheral interior of the outer frame. A heavy-duty moisture-resistant die-cut beverage board will be utilized for an encasing frame. The frame face will be internally laminated to the pleated cartridge apexes. Gasketing on the assembled filter prevents air bypass on the Z-Line 700 SG, 500 AB and the 300 AB. Each Z-Line Series Air Cleaner Replacement Filter is individually wrapped in a plastic sleeve to protect it from contamination before installation. All filters shall be classified under U.L. std. 900 and be rated up to 180 degrees Fahrenheit. The Z-Line Series Air Cleaner Replacement Filters shall achieve a MERV 10, MERV 11 or MERV 13 when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard.

OPEN CELL GASKET

DIE CUT FRAME

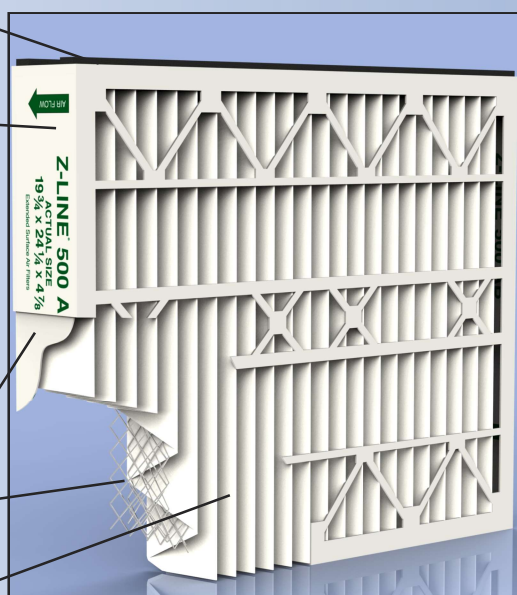
DOUBLE WALL  
BEVERAGE BOARD

EXPANDED METAL

SYNTHETIC  
MEDIA



### SPECIFICATIONS



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PRODUCT BULLETIN 5ACLNR • SECTION 5 • 8-1-2016



THE CLEAR CHOICE SINCE 1936

| MODEL<br>NUMBER | SIZE<br>W x H x D<br>EXACT | RATED<br>VELOCITY<br>FPM | INITIAL<br>RESIST.<br>IN. W.G. |            |            | MEDIA<br>SQUARE<br>FEET | SIZE<br>W x H x D<br>NOMINAL<br>MM | RATED<br>VELOCITY<br>M/H | INITIAL<br>RESIST.<br>PASCALS |            |            |
|-----------------|----------------------------|--------------------------|--------------------------------|------------|------------|-------------------------|------------------------------------|--------------------------|-------------------------------|------------|------------|
|                 |                            |                          | MERV<br>10                     | MERV<br>11 | MERV<br>13 |                         |                                    |                          | MERV<br>10                    | MERV<br>11 | MERV<br>13 |

### Z-Line 700 SG

|            |             |                     |     |     |     |     |       |                 |      |      |      |      |
|------------|-------------|---------------------|-----|-----|-----|-----|-------|-----------------|------|------|------|------|
| SGP20256   | 20 x 25 x 6 | 19-3/4 x 24-1/4 x 6 | 300 | .11 | .13 | .17 | 42.00 | 508 x 635 x 152 | 5490 | 27.3 | 32.3 | 42.2 |
| SGP16276   | 16 x 27 x 6 | 15-3/8 x 27 x 6     | 300 | .11 | .13 | .17 | 33.42 | 406 x 686 x 152 | 5490 | 27.3 | 32.3 | 42.2 |
| SGP20256AC | 20 x 25 x 6 | 19-3/4 x 24-1/4 x 6 | 300 | .21 | .24 | -   | 42.00 | 508 x 635 x 152 | 5490 | 52.2 | 59.7 | -    |

AC = Activated Carbon

### Z-Line 600 GA

|          |             |                         |     |     |     |     |       |                 |      |      |      |      |
|----------|-------------|-------------------------|-----|-----|-----|-----|-------|-----------------|------|------|------|------|
| GAP16205 | 16 x 20 x 5 | 15-3/8 x 21-7/8 x 5-1/4 | 300 | .12 | .14 | .18 | 25.27 | 406 x 508 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| GAP16255 | 16 x 25 x 5 | 15-3/8 x 25-1/2 x 5-1/4 | 300 | .12 | .14 | .18 | 28.71 | 406 x 635 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| GAP20205 | 20 x 20 x 5 | 20-1/4 x 20-3/4 x 5-1/4 | 300 | .12 | .14 | .18 | 32.48 | 508 x 508 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| GAP20255 | 20 x 25 x 5 | 20-1/4 x 25-3/8 x 5-1/4 | 300 | .12 | .14 | .18 | 36.91 | 508 x 635 x 127 | 5490 | 29.8 | 34.8 | 44.6 |

### Z-Line 500 AB & 300AB

|            |             |                         |     |     |     |     |       |                 |      |      |      |      |
|------------|-------------|-------------------------|-----|-----|-----|-----|-------|-----------------|------|------|------|------|
| ABP16255   | 16 x 25 x 5 | 15-3/4 x 24-1/4 x 4-7/8 | 300 | .12 | .14 | .18 | 28.05 | 406 x 635 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| ABP20205   | 20 x 20 x 5 | 19-3/4 x 20-3/4 x 4-7/8 | 300 | .12 | .14 | .18 | 23.45 | 508 x 508 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| ABP20255   | 25 x 20 x 5 | 24-1/4 x 19-3/4 x 4-7/8 | 300 | .12 | .14 | .18 | 32.00 | 635 x 508 x 127 | 5490 | 29.8 | 34.8 | 44.6 |
| ABP16253   | 16 x 25 x 3 | 15-7/8 x 24-1/4 x 2-7/8 | 300 | .21 | .23 | -   | 11.50 | 406 x 635 x 76  | 5490 | 52.2 | 57.2 | -    |
| ABP20255AC | 25 x 20 x 5 | 24-1/4 x 19-3/4 x 4-7/8 | 300 | .22 | .24 | -   | 32.00 | 635 x 508 x 127 | 5490 | 54.7 | 59.6 | -    |

AC = Activated Carbon

### Z-Line 400 HW

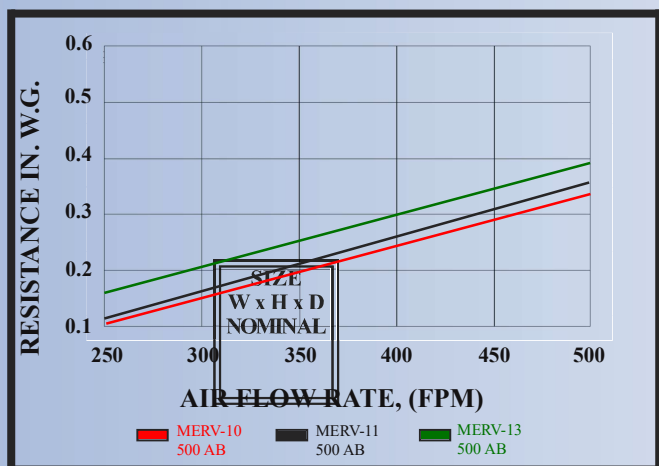
|          |                 |                     |     |     |     |     |       |                 |      |      |      |      |
|----------|-----------------|---------------------|-----|-----|-----|-----|-------|-----------------|------|------|------|------|
| HWP13204 | 12-1/2 x 20 x 4 | 12-1/2 x 20 x 4-3/8 | 300 | .13 | .15 | .19 | 12.37 | 318 x 508 x 102 | 5490 | 34.8 | 37.3 | 44.6 |
| HWP16204 | 16 x 20 x 4     | 16 x 19-7/8 x 4-3/8 | 300 | .13 | .15 | .19 | 15.34 | 406 x 508 x 102 | 5490 | 34.8 | 37.3 | 44.6 |
| HWP16254 | 16 x 25 x 4     | 16 x 24-7/8 x 4-3/8 | 300 | .13 | .15 | .19 | 19.28 | 406 x 635 x 102 | 5490 | 34.8 | 37.3 | 44.6 |
| HWP20204 | 20 x 20 x 4     | 20 x 19-7/8 x 4-3/8 | 300 | .13 | .15 | .19 | 19.44 | 508 x 508 x 102 | 5490 | 34.8 | 37.3 | 44.6 |
| HWP20254 | 20 x 25 x 4     | 20 x 24-7/8 x 4-3/8 | 300 | .13 | .15 | .19 | 24.43 | 508 x 635 x 102 | 5490 | 34.8 | 37.3 | 44.6 |

### Z-Line 400 HWR

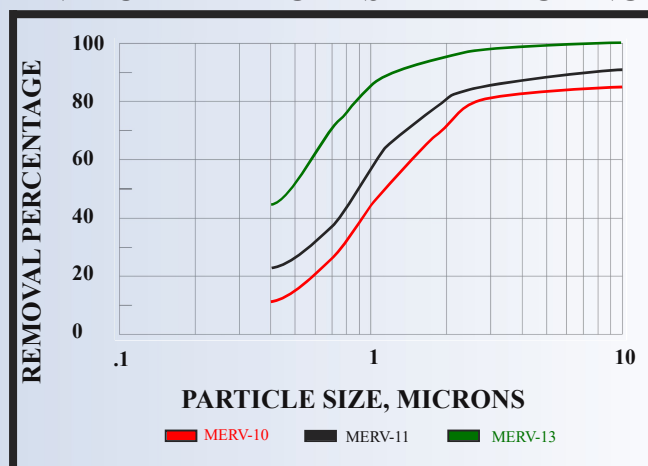
|          |             |                         |     |     |     |   |       |                 |      |      |      |   |
|----------|-------------|-------------------------|-----|-----|-----|---|-------|-----------------|------|------|------|---|
| HWR12124 | 12 x 12 x 4 | 11-3/4 x 11-3/4 x 3-3/4 | 300 | .15 | .17 | - | 4.45  | 305 x 305 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR12244 | 12 x 24 x 4 | 11-3/4 x 23-3/4 x 3-3/4 | 300 | .15 | .17 | - | 10.08 | 305 x 610 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR14144 | 14 x 14 x 4 | 13-3/4 x 13-3/4 x 3-3/4 | 300 | .15 | .17 | - | 6.59  | 356 x 356 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR14204 | 14 x 20 x 4 | 13-3/4 x 19-3/4 x 3-3/4 | 300 | .15 | .17 | - | 10.03 | 356 x 508 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR14244 | 14 x 24 x 4 | 13-3/4 x 23-3/4 x 3-3/4 | 300 | .15 | .17 | - | 12.32 | 356 x 610 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR14254 | 14 x 25 x 4 | 13-3/4 x 24-3/4 x 3-3/4 | 300 | .15 | .17 | - | 12.89 | 356 x 635 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR14304 | 14 x 30 x 4 | 13-3/4 x 29-3/4 x 3-3/4 | 300 | .15 | .17 | - | 14.97 | 356 x 762 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR16204 | 16 x 20 x 4 | 15-3/4 x 19-3/4 x 3-3/4 | 300 | .15 | .17 | - | 10.94 | 406 x 508 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR16254 | 16 x 25 x 4 | 15-3/4 x 24-3/4 x 3-3/4 | 300 | .15 | .17 | - | 14.06 | 406 x 635 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR18184 | 18 x 18 x 4 | 17-3/4 x 17-3/4 x 3-3/4 | 300 | .15 | .17 | - | 11.30 | 450 x 450 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR18244 | 18 x 24 x 4 | 17-3/4 x 23-3/4 x 3-3/4 | 300 | .15 | .17 | - | 15.68 | 450 x 610 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR18304 | 18 x 30 x 4 | 17-3/4 x 29-3/4 x 3-3/4 | 300 | .15 | .17 | - | 20.18 | 450 x 762 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR20204 | 20 x 20 x 4 | 19-3/4 x 19-3/4 x 3-3/4 | 300 | .15 | .17 | - | 14.58 | 508 x 508 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR20244 | 20 x 24 x 4 | 19-3/4 x 23-3/4 x 3-3/4 | 300 | .15 | .17 | - | 17.92 | 508 x 610 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR20254 | 20 x 25 x 4 | 19-3/4 x 24-3/4 x 3-3/4 | 300 | .15 | .17 | - | 18.75 | 508 x 635 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR20304 | 20 x 30 x 4 | 19-3/4 x 29-3/4 x 3-3/4 | 300 | .15 | .17 | - | 22.79 | 508 x 762 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR24244 | 24 x 24 x 4 | 23-3/4 x 23-3/4 x 3-3/4 | 300 | .15 | .17 | - | 22.40 | 610 x 610 x 102 | 5490 | 37.3 | 42.3 | - |
| HWR24304 | 24 x 30 x 4 | 23-3/4 x 30-3/4 x 3-3/4 | 300 | .15 | .17 | - | 27.99 | 610 x 781 x 102 | 5490 | 37.3 | 42.3 | - |

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" depth. Recommended final resistance is .50" in. w. g.

### STANDARD PRESSURE DROP



### MINIMUM PARTICLE SIZE EFFICIENCY



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700 SG

**Z-Line 700 SG (Aprilaire®) :** A replacement option for the Aprilaire® (formerly Space-Gard®) media #201 and #401. The Z-Line 700 SG comes factory-assembled to assure quality and easy installation. The Z-Line 700 SG incorporates 100% synthetic fibers that are thermally-bonded, and manufactured in an engineered gradient structure. The Z-Line 700 SG achieves a MERV 10, MERV 11 or MERV 13 rating when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard. Pre-applied gasketing on the assembled filters helps prevent air bypass.

Installation is quick:

- Simply remove the internal plastic frame from the external metal housing and remove the dirty filter and its components.
- Install the new Z-Line 700 SG filter with the metal grid (air-exit side) facing up. Once the plastic frame is closed, it will slide back into the metal housing.

The Glasfloss Z-Line 700 SG filter is also available in the 700 SGX, an activated carbon media. Refer to Z-Line SGX when ordering. Each filter is sealed in plastic to avoid contamination before use.

Aprilaire® is a registered trademark of Research Products Corporation.



600 GA

**Z-Line 600 GA (Goodman® & Amana®) :** Replacement option for the Goodman® and Amana® whole-house high efficiency media air cleaners. The Z-Line 600 GA Series incorporates 100% synthetic fibers that are thermally-bonded, and manufactured in an engineered gradient structure. The Z-Line 600 GA Series achieves a MERV 10, MERV 11 or MERV 13 rating in accordance with the ANSI/ASHRAE 52.2 Test Standard. Each filter is sealed in plastic to avoid contamination before use.

Goodman® & Amana® are registered trademarks of Goodman & Amana, Inc.



500 AB & 300 AB

**Z-Line 500 AB (Air Bear®) & 300 AB (Air Cub®) :** These pleated filters are an ideal replacement option for the Trion Air Bear® and Air Cub® filters. The Z-Line 500 AB & 300 AB filters incorporate 100% synthetic fibers that are thermally-bonded, and manufactured in an engineered gradient structure. Z-Line 500 AB & 300 AB filters achieve a MERV 10, MERV 11 or MERV 13 rating when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard. Pre-applied gasketing on the top and bottom of the filters help prevent air bypass. No modification to the filter frame is necessary.

The Glasfloss 500 AB & 300 AB filters are available with activated carbon to absorb unpleasant household odors. Refer to Z-Line 500 ABX & 300 ABX when ordering. Each filter is sealed in plastic to avoid contamination before use.

Air Bear® and Air Cub® are registered trademarks of Trion® Inc.

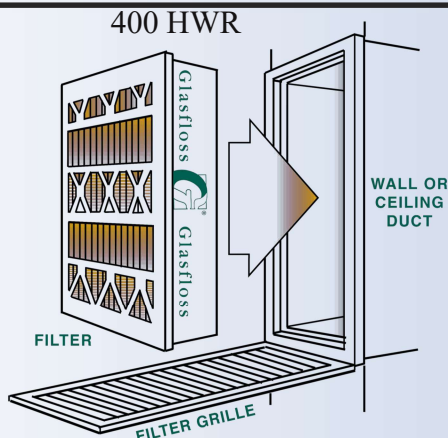


400 HW & HWR

**Z-Line 400 HW & HWR (Honeywell®) :** Replacement option for the Honeywell® F-100 and FC40R air cleaner filters. The Z-Line 400 HW and 400 HWR incorporate 100% synthetic fibers that are thermally-bonded, and manufactured in an engineered gradient structure. The Z-Line 400 HW achieves a MERV 10, MERV 11, or MERV 13 rating and 400 HWR achieve a MERV 10 or MERV 11 rating when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard. Each filter is sealed in plastic to avoid contamination before use.

Honeywell is a registered trademark of Honeywell® Products, Inc.

Glasfloss  
HWR Filter  
(Wall or  
Ceiling  
Mounted)  
Requires a  
Minimum 3 7/8"  
Duct Depth  
Opening to  
Accept This  
Filter.



- MERV 10 or MERV 11
- 100% Synthetic Fibers
- High Initial Efficiency
- Thermally Bonded
- Fibers Resist Shedding
- Media Doesn't Absorb Moisture
- No Chemical Binders

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## Air Cleaner Cross-Reference Guide

| Air Cleaner<br>Products | Glasfloss<br>Model and Part Number |
|-------------------------|------------------------------------|
|-------------------------|------------------------------------|

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Research Products Aprilaire®</u></b><br>Model 2200, 2250 Replacement Filter Type 201<br>Model 2400 Replacement Filter Type 401                                                                                                                                              | <b><u>Z-Line® 700 SG MERV 10</u></b><br>SGP20256<br>SGP16276                                                                                                                                                                                                      |
| <b><u>Goodman® &amp; Amana®</u></b><br>M0-1056<br>M1-1056<br>M2-1056<br>M8-1056                                                                                                                                                                                                   | <b><u>Z-Line® 600 GA MERV 11</u></b><br>GAP16205M11<br>GAP16255M11<br>GAP20205M11<br>GAP20255M11                                                                                                                                                                  |
| <b><u>Trion®</u></b><br>Air Bear - 255649-105<br>Air Bear - 255649-103<br>Air Bear - 255649-102<br>Air Cub - 255649-101                                                                                                                                                           | <b><u>Z-Line® 500 AB &amp; 300 AB MERV 10</u></b><br>ABP16255<br>ABP20205<br>ABP20255<br>ABP16253                                                                                                                                                                 |
| <b><u>Honeywell®</u></b><br>Model F-100<br>FC100A1052<br>FC100A1003<br>FC100A1029<br>FC100A1011<br>FC100A1037                                                                                                                                                                     | <b><u>Z-Line® 400 HW MERV 10</u></b><br><br>HWP13204<br>HWP16204<br>HWP16254<br>HWP20204<br>HWP20254                                                                                                                                                              |
| <b><u>Honeywell®</u></b><br>Model FC40R<br>FC40R1094<br>FC40R1037<br>FC40R1102<br>FC40R1110<br>FC40R1128<br>FC40R1045<br>FC40R1169<br>FC40R1052<br>FC40R1060<br>FC40R1185<br>FC40R1136<br>FC40R1830<br>FC40R1003<br>FC40R1144<br>FC40R1011<br>FC40R1029<br>FC40R1078<br>FC40R1177 | <b><u>Z-Line® 400 HWR MERV 10</u></b><br><br>HWR12124<br>HWR12244<br>HWR14144<br>HWR14204<br>HWR14244<br>HWR14254<br>HWR14304<br>HWR16204<br>HWR16254<br>HWR18184<br>HWR18244<br>HWR18304<br>HWR20204<br>HWR20244<br>HWR20254<br>HWR20304<br>HWR24244<br>HWR24304 |

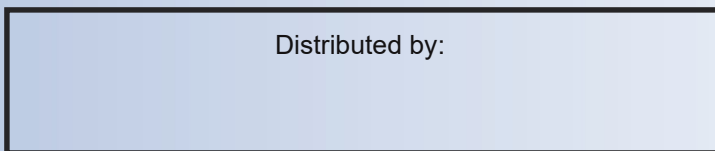


Glasfloss Industries incorporates color-coded carton labels on standard sizes to help identify the product which enhances warehouse operations and shipments.



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