# Table of Contents

<table>
<thead>
<tr>
<th>Description</th>
<th>Page #</th>
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<tbody>
<tr>
<td><strong>Fire Dampers - STATIC</strong></td>
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<td>75 Series, Type A, 1.5 Hour Rated</td>
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<td>55 (Round)</td>
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<td>57IB (Insulated Register Box)</td>
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Fire Damper - 75 Series, Type A

Detail

- UL Classified - 1.5 Hour Rating, Static
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 60” x 60”, multi section sizes to 120” x 120”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 40” x 60”, multiple sizes 120” x 120”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

Profile

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Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 75 Series, Type B

**Detail**

- UL Classified - 1.5 Hour Rating, Static
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 3” to 60” x 53”, multi section sizes to 120” x 120”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 40” x 60”, multiple sizes 120” x 53”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

![Diagram of Fire Damper - 75 Series, Type B]

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Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 75 Series, Type C

**Detail**

- UL Classified - 1.5 Hour Rating, Static
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type C - Blades and frame out of the air stream
- Available in round, oval or rectangular collar
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4" to 53" Ø, Oval/Rectangular collar from 4" x 4" to 58" x 52"
- Horizontal dampers are available in single-section sizes from 4" to 38" Ø, Oval/Rectangular collar from 4" x 4" to 38" x 52"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

**Profile**

Vertical dampers are available in single-section sizes from 4" to 53" Ø, Oval/Rectangular collar from 4" x 4" to 58" x 52"
- Horizontal dampers are available in single-section sizes from 4" to 38" Ø, Oval/Rectangular collar from 4" x 4" to 38" x 52"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

**Item Code Format**

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**Manufactured by:**

Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 65 Series, Type A

**Detail**

- UL Classified - 1.5 Hour Rating, Static
- For use in installations rated less than 3 hours
- THINLINE Profile (2”) 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 48” x 49”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 41” x 36”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

- [Diagram of fire damper]
- [Symbols and codes for damper specifications]

**Item Code Format**

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<tr>
<td>Sleeve Length</td>
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<td>S = Stainless Steel</td>
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<td>165°F Link</td>
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**CONTACT**

Office: 888.973.7600
1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317
www.clward.com
Fire Damper - 65 Series, Type B

**Detail**

- UL Classified - 1.5 Hour Rating, Static
- For use in installations rated less than 3 hours
- THINLINE Profile (2") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 48” x 41”
- Horizontal dampers are available in single-section sizes from 4” x 3” to 36” x 30”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

**Item Code Format**

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Manufactured by:
Fire Damper - 05 Series, Type A

**Detail**

- UL Classified - 3 Hour Rating, Static
- For use in installations rated 3 hours or greater
- Standard Profile (4 1/4”) 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 60” x 60”, multi section sizes to 120” x 120”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 40” x 60”, multiple sizes 120” x 60” or 80” x 96”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

*Figure showing details of a fire damper*

**Item Code Format**

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Fire Damper - 05 Series, Type B

Detail

- UL Classified - 3 Hour Rating, Static
- For use in installations rated 3 hours or greater
- Standard Profile (4 1/4") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4" x 3" to 60" x 54", multi section sizes to 120" x 120"
- Horizontal dampers are available in single-section sizes from 4" x 3" to 40" x 54", multiple sizes 120" x 54" or 80" x 84"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

Profile

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UL Standards 555
NFPA Standard 90A
ICC Building Codes

Manufactured by:
Fire Damper - 05 Series, Type C

**Detail**

- UL Classified - 3 Hour Rating, Static
- For use in installations rated 3 hours or greater
- Standard Profile (4 1/4") 22 gauge frame
- Type C - Blades and frame out of the air stream
- Available in round, oval or rectangular collar
- Available for vertical and horizontal installations
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” to 53” Ø, Oval/Rectangular collar from 4” x 4” to 58” x 52”
- Horizontal dampers are available in single-section sizes from 4” to 38” Ø, Oval/Rectangular collar from 4” x 4” to 38” x 52”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

Manufactured by: 05 CH 01 2000 G22

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- **H** = Horizontal Mount
- **V** = Vertical Mount
- **G** = Galvanized
- **S** = Stainless Steel
- **08** = 8” Sleeve Length
- **12** = 12” Sleeve Length
- **17** = 17” Sleeve Length
- **20** = 20” Sleeve Length
- **24** = 24” Sleeve Length

Job Name
Location
Architect
Engineer
Contractor

CONTACT
Office: 888.973.7600
1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317
www.clward.com
Fire Damper - 95 Series, Type A

Detail

- UL Classified - 3 Hour Rating, Static
- For use in installations rated 3 hours or greater
- THINLINE Profile (2") 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical only
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4" x 4" to 48" x 49"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

Profile

![Diagram of Fire Damper]

Item Code Format

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<tr>
<td>24 - 17&quot;</td>
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</tbody>
</table>

Manufactured by:

[Manufacturer Logo]
Fire Damper - 95 Series, Type B

**Detail**

- UL Classified - 3 Hour Rating, Static
- For use in installations rated 3 hours or greater
- THINLINE Profile (2") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical only
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 48” x 41”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

*Diagram showing details of the damper*

**Item Code Format**

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<th>V</th>
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<th>2</th>
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<th>1</th>
<th>2</th>
<th>G</th>
<th>2</th>
<th>2</th>
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<th>2</th>
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<tbody>
<tr>
<td>Width</td>
<td>Type</td>
<td>Vertical</td>
<td>Blade Section</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>Optional Sleeve</td>
<td>Optional Sleeve</td>
<td>Sleeve Length</td>
<td>22 - 24 Gauge</td>
<td>16 – 18”</td>
<td>18 – 20”</td>
<td>20 – 24”</td>
<td>24 – 27”</td>
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<tr>
<td>(in)</td>
<td>(in)</td>
<td>(in)</td>
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<td>(in)</td>
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</table>

Manufactured by: CLWARD

Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 77 Series, Type A

**Detail**

- UL Classified - 1.5 Hour Rating, Dynamic
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical and horizontal installations
- For installation in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 36” x 36”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 24” x 24”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

![Profile Diagram]

**Item Code Format**

<table>
<thead>
<tr>
<th>Item Code Format</th>
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<td>75, 65, 95, 77, 75, 05</td>
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<tr>
<td>75, 65, 95, 77, 75, 05</td>
</tr>
<tr>
<td>H = Horizontal</td>
</tr>
<tr>
<td>V = Vertical</td>
</tr>
<tr>
<td>7 = Stainless Steel</td>
</tr>
<tr>
<td>17 = 17”</td>
</tr>
<tr>
<td>24 = 24”</td>
</tr>
</tbody>
</table>

Manufactured by:

**CONTACT**

Office: 888.973.7600

1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317

www.clward.com
Fire Damper - 77 Series, Type B

Detail

- UL Classified - 1.5 Hour Rating, Dynamic
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical and horizontal installations
- For installation in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 3” to 36” x 32”
- Horizontal dampers are available in single-section sizes from 4” x 3” to 24” x 21”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

Profile

Item Code Format
Fire Damper - 77 Series, Type C

Detail

- UL Classified - 1.5 Hour Rating, Dynamic
- For use in installations rated less than 3 hours
- Standard Profile (4 1/4") 22 gauge frame
- Type C - Blades and frame out of the air stream
- Available in round, oval or rectangular collar
- Available for vertical and horizontal installations
- For installations in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” to 31” Ø, Oval/Rectangular collar from 4” x 4” to 34” x 31”
- Horizontal dampers are available in single-section sizes from 4” to 20” Ø, Oval/Rectangular collar from 4” x 4” to 22” x 20”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

Profile

*Manufactured by:*

*SERIES:*
- Fire Damper
  - 75, 65, 05, 95, 77, 99, 61

*TYPE:*
- Fire Damper
  - A, B, C (round), R (rectangular), O (oval)
  - H = Horizontal
  - V = Vertical

*Material:
- G = Galvanized
- S = Stainless Steel
- T = Stainless Steel

*Dimensions:
- Optional Sleeve: 22 - 24 Gauge
- Sleeve Length: 80 - 84"; 92 - 94"; 100 - 102"; 125 - 128"; 24 - 248"

*Item Code Format*

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*UL Standards 555*
*NFPA Standard 90A*
*ICC Building Codes*
Fire Damper - 99 Series, Type A

**Detail**

- UL Classified - 3 Hour Rating, Dynamic
- For use in installations 3 hours or greater
- Standard Profile (4 1/4”) 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical and horizontal installations
- For installation in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 36” x 36”
- Horizontal dampers are available in single-section sizes from 4” x 4” to 24” x 24”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

![Profile Diagram](image)

**Item Code Format**

<table>
<thead>
<tr>
<th>Item Code Format</th>
<th>Description</th>
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<tbody>
<tr>
<td>9 9 A H 0 1 2 0 1 2 G 2 2 1 2</td>
<td>22 Gauge Width 22 Gauge Height G = Galvanized 212° Link S = Stainless Steel 165° Link T = Stainless Steel 212° Link Optional Sleeve 22 - 24 Gauge Sleeve Length 86 - 6” 101 - 12” 126 - 18” 24 - 24”</td>
</tr>
</tbody>
</table>

Manufactured by:

[Company Logo]

[Company Contact Information]

Office: 888.973.7600
1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317
www.clward.com
Fire Damper - 99 Series, Type B

**Detail**

- UL Classified - 3 Hour Rating, Dynamic
- For use in installations rated 3 hours or greater
- Standard Profile (4 1/4") 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical and horizontal installations
- For installation in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4" x 3" to 36" x 32"
- Horizontal dampers are available in single-section sizes from 4" x 3" to 24" x 21"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

**Profile**

- UL Standards 555
- NFPA Standard 90A
- ICC Building Codes

**Item Code Format**

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<th>1</th>
<th>2</th>
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</thead>
</table>

**Manufactured by:**

Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 99 Series, Type C

Detail

- UL Classified - 3 Hour Rating, Dynamic
- For use in installations rated 3 hours or greater
- Standard Profile (4 1/4") 22 gauge frame
- Type C - Blades and frame out of the air stream
- Available in round, oval or rectangular collar
- Available for vertical and horizontal installations
- For installations in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” to 31” Ø, Oval/Rectangular collar from 4” x 4” to 34” x 31”
- Horizontal dampers are available in single-section sizes from 4” to 20” Ø, Oval/Rectangular collar from 4” x 4” to 22” x 20”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

Profile

Item Code Format
Fire Damper - 61 Series, Type A

Detail

- UL Classified - 1.5 Hour Rating, Dynamic
- For use in installations rated less than 3 hours
- THINLINE Profile (2") 22 gauge frame
- Type A - Blades in the air stream
- Available for vertical installations only
- For installations in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4" x 4" to 12" x 10"
- Optional 22 gauge sleeve available: 8", 12", 17", 20" or 24"

Profile

Item Code Format

<table>
<thead>
<tr>
<th>Item Code Format</th>
<th>Description</th>
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<tbody>
<tr>
<td>61 A V 0 1 2 0 1 0 G 2 2 1 2</td>
<td>Item Code Format for Fire Damper</td>
</tr>
</tbody>
</table>

Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
Fire Damper - 61 Series, Type B

**Detail**

- UL Classified - 1.5 Hour Rating, Dynamic
- For use in installations rated less than 3 hours
- THINLINE Profile (2”) 22 gauge frame
- Type B - Blades out of the air stream
- Available for vertical mount only
- For installation in systems where fans remain running during fire and smoke control
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Vertical dampers are available in single-section sizes from 4” x 4” to 12” x 8”
- Optional 22 gauge sleeve available: 8”, 12”, 17”, 20” or 24”

**Profile**

![Diagram of fire damper]

**Item Code Format**

<table>
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<tbody>
<tr>
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</tr>
<tr>
<td><strong>SERIES:</strong> Fire Damper 70, 61, 65, 75, 77, 95, 97, 99, 61</td>
</tr>
<tr>
<td><strong>TYPE:</strong> Fire Damper A, B, C (round), R (rectangular), O (oval)</td>
</tr>
<tr>
<td><strong>V:</strong> Vertical</td>
</tr>
<tr>
<td><strong>Damper Width:</strong> 6 = Galvanized Steel, 8 = Stainless Steel</td>
</tr>
<tr>
<td><strong>Damper Height:</strong> G = Galvanized Steel, T = Stainless Steel</td>
</tr>
<tr>
<td><strong>Optional Sleeve:</strong> 22 = 22 Gauge</td>
</tr>
<tr>
<td><strong>Sleeve Length:</strong> 80 = 8”, 120 = 12”, 170 = 17”, 200 = 20”, 240 = 24”</td>
</tr>
</tbody>
</table>

**Manufactured by:**

![Manufacturer logo]
CRD - 50 Series

**Detail**

- UL Classified
- For use in non-combustible installations 3 hours or less
- 22 gauge one piece frame
- 165°F fusible link (optional 212°F)
- Standard link (SL) or Easy Access (EA) option
- Available in stainless steel
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in single-section sizes from 4" x 6" or 6" x 4" to 24" x 24"

**Profile**

```
H
W
```

**Item Code Format**

```
5 0 E A 1 2 1 2 G
```

- **5**: Series
- **0**: CRD
- **E**: SL or EA
- **A**: 3 or 5
- **1**: Damper Width
- **2**: Damper Height
- **G**: G = Galvanized
- **S**: Stainless Steel
- **H**: For use in non-combustible installations 3 hours or less
- **T**: Optional 212°F fusible link

**Manufactured by:** CLWARD

**Job Name**

**Location**

**Architect**

**Engineer**

**Contractor**
CRD - 51 Series - Single Blade

Detail

- UL Classified
- For use in non-combustible installations 3 hours or less
- 22 gauge one piece frame
- 165°F fusible link (optional 212°F)
- Available in stainless steel
- Available in single-section sizes from 6" x 4" to 24" x 12"

Profile

Item Code Format

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<tr>
<th>5</th>
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<th>S</th>
<th>B</th>
<th>1</th>
<th>2</th>
<th>0</th>
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<tr>
<td>SERIES: CRD 51</td>
<td>SB = Single Blade</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>G = Galvanized 165° Link</td>
<td>H = Galvanized 212° Link</td>
<td>S = Stainless Steel 165° Link</td>
<td>T = Stainless Steel 212° Link</td>
<td></td>
</tr>
</tbody>
</table>

This product meets the requirements for ceiling dampers established by:
UL Standard 555C
NFPA Standard 90A
ICC Building Codes

CONTACT

Office: 888.973.7600

1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317

www.clward.com

Job Name
Location
Architect
Engineer
Contractor
CRD - 55 Series

**Detail**

- UL Classified
- For use in non-combustible installations 3 hours or less
- 22 gauge one piece frame
- 165°F fusible link (optional 212°F)
- Standard link (SL) or Easy Access (EA) option
- Available in stainless steel
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in single-section sizes from 4” to 24” in standard link and 5” to 24” in easy access link

**Profile**

- 55 SL
- 55 EA

**Item Code Format**

<table>
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<tr>
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<th>5</th>
<th>E</th>
<th>A</th>
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<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>S = Standard Link</td>
<td>E = Easy Access Link</td>
<td>6 = Galvanized</td>
<td>165 Link</td>
<td>H = Galvanized</td>
<td>212 Link</td>
<td>S = Stainless Steel</td>
</tr>
</tbody>
</table>

Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
CRD - 50 Series With Boot

**Detail**

- Series 50 CRD’s are available installed in 90° (L), Straight or End Boots. (Mounting Flange or Non-Mounting Flange)
- UL Classified - For use in UL 263 wood truss floor/ceiling and roof/ceiling assemblies rated 1 hour
- UL approved for use in L-587 and L-528 floor/ceiling as well as P-556 and P-533 roof/ceiling assemblies
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame, 28 gauge boot
- 165°F fusible link (optional 212°F)
- Standard link (SL) or Easy Access (EA) option
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 4” x 6” x 4” to 14” x 14” x 10”

**Profile**

90° or “L” Boot

- A = Boot Width
- B = Boot Height
- C = Inlet Diameter
- D = Throat Depth
- D’ = Back Height = Throat Depth +2” (L” Boots only)
- E = Flange (Plaster Guard) Recess (If Ordered)
- F = Overall Height

Straight Boot

- A = Boot Width
- B = Boot Height
- C = Inlet Diameter
- D = Throat Depth
- E = Flange (Plaster Guard) Recess (If Ordered)
- F = Overall Height (12” to 13½”) depending on requested size

End Boot

- A = Boot Width
- B = Boot Height
- C = Inlet Diameter
- D = Throat Depth
- E = Flange (Plaster Guard) Recess (If Ordered)
- F = Overall Height (varies w/size)

This product meets the requirements for ceiling dampers established by:
- UL Standards 263 & 555C
- NFPA Standard 90A
- ICC Building Codes

**Item Code Format**

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<th>6</th>
<th>G</th>
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<th>6</th>
<th>L</th>
<th>6</th>
<th>F</th>
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<td>0</td>
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<td>L</td>
<td>6</td>
<td>F</td>
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</table>

Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
**Detail**

- UL Classified - For use in UL 263 wood truss floor/ceiling and roof/ceiling assemblies rated 1 hour
- UL approved for use in L-587, L-528 and P-556 design
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame, Factory installed 26 gauge box
- Collar by others (field cut and installed)
- 165°F fusible link (optional 212°F)
- Standard link (SL) or Easy Access (EA) option
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 4” x 8” to 14” x 14”

**Profile**

![Profile Diagram]

**Item Code Format**

<table>
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<tr>
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<td>Damper Height</td>
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<td>2</td>
<td>Damper Width</td>
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<td>G</td>
<td>Galvanized</td>
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<tr>
<td>7</td>
<td>Flange Height</td>
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<tr>
<td>F</td>
<td>Flange Width</td>
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</table>

**Manufactured by:**

Clward X-Paint Inc.

**Job Name**

[Blank]

**Location**

[Blank]

**Architect**

[Blank]

**Engineer**

[Blank]

**Contractor**

[Blank]
## Detail
- Insulated register boot with ceiling radiation damper
- UL Classified - For use in UL 263 wood truss floor/ceiling assemblies rated 1 hour or less
- UL approved for use in L-587 and L-528 and P-556 design
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame and blades, 28 gauge box with either 1 1/2” R-6 or 2” R-8 duct liner insulation
- 165°F fusible link (optional 212°F)
- Standard Link (on 4”) and Easy Access Link (5” and up)
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 4” x 8” x 4” to 16” x 16” x 12”
- Unique approval for Class 0, Class 1 Flex-duct or steel pipe (elbow) connections to achieve “top out” or “side out” configurations

## Profile

![Profile Diagram](image)

- 1 1/2” R-6 or 2” R-8 Insulation, top and four sides
- D = Collar, Inlet, CRD Diameter
- W+3” = R6 OR W+4” = R8
- H+3” = R6 OR H+4” = R8
- Drywall flange surrounds register opening (W, ≤H) x D

## Item Code Format

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<thead>
<tr>
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<th>Description</th>
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<td>IB</td>
<td>Damper Height</td>
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<td>Flange</td>
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</tbody>
</table>

Manufactured by:

![CLWARD Logo](image)

CONTACT

Office: 888.973.7600

1100 Ashwood Drive

Suite 1102

Canonsburg, PA 15317

www.clward.com
CRD - 58DC/58EAC Series

**Detail**

- Insulated register boot with ceiling radiation damper
- UL Classified - For use in UL 263 wood truss floor/ceiling assemblies rated 1 hour
- UL approved for use in L-587 and L-528 and P-556 design
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame and blades
- 165°F fusible link (optional 212°F)
- Standard Link (on 4") and Easy Access Link (5" and up)
- **58DC** - Ductboard box included, **58EAC** - Ductboard box not included
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 6” diameter to 14” diameter

**Profile**

![Profile Diagram]

**Item Code Format**

<table>
<thead>
<tr>
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<th>8</th>
<th>D</th>
<th>C</th>
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<tbody>
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<td>Factory Installed Box</td>
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<td>6&quot; Insulation</td>
<td>165°F Link</td>
<td>2&quot; Insulation</td>
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<td>58EAC</td>
<td>Field Fabricated Box</td>
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<td>6&quot; Insulation</td>
<td>165°F Link</td>
<td>2&quot; Insulation</td>
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Manufactured by:

[CLWARD INC.]
CRD - 58DR/58EAR Series

Detail

- Insulated register boot with ceiling radiation damper
- UL Classified - For use in UL 263 wood truss floor/ceiling assemblies rated 1 hour
- UL approved for use in L-587 and L-528 and P-556 design
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame and blades
- 165°F fusible link (optional 212°F)
- Standard Link (on 4”) and Easy Access Link (5” and up)
- **58DR** Factory Installed Ductboard Box - 1 1/2” R-6 or 2” R-8
- **58EAR** Field Installed Ductboard Box - 1 1/2” R-6 or 2” R-8
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 4” x 8” to 20” x 16”

Profile

Item Code Format

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<thead>
<tr>
<th>5</th>
<th>8</th>
<th>D</th>
<th>R</th>
<th>1</th>
<th>6</th>
<th>1</th>
<th>2</th>
<th>G</th>
<th>F</th>
<th>R</th>
<th>6</th>
<th>1</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>58DR</td>
<td>CRD</td>
<td>UL w/Ductboard Box</td>
<td>Factory Installed Box</td>
<td>R - Register Opening</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>G - Galvanized 165° Link</td>
<td>H - Galvanized 212° Link</td>
<td>F - 5/8” Flange</td>
<td>S - 1” Flange</td>
<td>R6 - 1 1/2” Insulation</td>
<td>R8 - 2” Insulation</td>
<td>Box Height</td>
</tr>
<tr>
<td>58EAR</td>
<td>CRD</td>
<td>UL w/Ductboard Box</td>
<td>Field Fabricated Box</td>
<td>H - Register Opening</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>G - Galvanized 165° Link</td>
<td>H - Galvanized 212° Link</td>
<td>F - 5/8” Flange</td>
<td>S - 1” Flange</td>
<td>R6 - 1 1/2” Insulation</td>
<td>R8 - 2” Insulation</td>
<td>Box Height</td>
</tr>
</tbody>
</table>

Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
CRD - 58DD/58EAD Series

Detail
- Insulated register boot with ceiling radiation damper
- UL Classified - For use in UL 263 wood truss floor/ceiling assemblies rated 1 hour
- UL approved for use in L-587 and L-528 and P-556 design
- Incorporates UL 555C evaluated CRD
- 22 gauge one piece frame and blades
- 165°F fusible link (optional 212°F)
- Standard Link (on 4") and Easy Access Link (5" and up)
- 58DD Factory Installed Ductboard Box - 1 1/2” R-6 or 2” R-8
- 58EAD, Field Installed Ductboard Box - 1 1/2” R-6 or 2” R-8
- Ceramic thermal blanket provided on units with blade areas of greater than 84 sq. in.
- Available in a range of sizes from 4” x 8” to 20” x 16”

Profile

Item Code Format

<table>
<thead>
<tr>
<th>5</th>
<th>8</th>
<th>D</th>
<th>D</th>
<th>1</th>
<th>6</th>
<th>1</th>
<th>2</th>
<th>G</th>
<th>1</th>
<th>R</th>
<th>6</th>
<th>1</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>58DD</td>
<td>CRD</td>
<td>UL/CFB/Ductboard Box</td>
<td>Factory Installed Box</td>
<td>0 = Dust Drop</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>0 = Galvanized</td>
<td>H = Galvanized 210°F</td>
<td>1 = 1” Flange</td>
<td>80 = 1 1/2” Insulation</td>
<td>R6</td>
<td>1 = 2” Insulation</td>
<td>16 = 16”</td>
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<tr>
<td>58EAD</td>
<td>CRD</td>
<td>UL/CFB/Ductboard Box</td>
<td>Field Fabricated Box</td>
<td>Connection at bottom of box</td>
<td>0 = Dust Drop</td>
<td>Damper Width</td>
<td>Damper Height</td>
<td>0 = Galvanized</td>
<td>H = Galvanized 210°F</td>
<td>0 = 1 1/2” Insulation</td>
<td>R6</td>
<td>0 = 2” Insulation</td>
<td>16 = 16”</td>
</tr>
</tbody>
</table>

Manufactured by:

Job Name
Location
Architect
Engineer
Contractor
Fusible Links

**Detail**

- Links are supplied in long, short or no hook
- Available in 165° and 212° temperatures
- UL Classified

**Item Code Format**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Item Description</th>
<th>Application</th>
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<td>LINK165-1</td>
<td>165° Link w/No Hooks</td>
<td>Ceiling Radiation Dampers</td>
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<tr>
<td>LINK165-3</td>
<td>165° Link w/Short Hooks</td>
<td>Type A &amp; C Dampers</td>
</tr>
<tr>
<td>LINK165-2</td>
<td>165° Link w/Long Hooks</td>
<td>Type B Dampers</td>
</tr>
<tr>
<td>LINK212-1</td>
<td>212° Link w/No Hooks</td>
<td>Ceiling Radiation Dampers</td>
</tr>
<tr>
<td>LINK212-3</td>
<td>212° Link w/Short Hooks</td>
<td>Type A &amp; C Dampers</td>
</tr>
<tr>
<td>LINK212-2</td>
<td>212° Link w/Long Hooks</td>
<td>Type B Dampers</td>
</tr>
</tbody>
</table>
Thermal Blanket

**Detail**

- Available in 24” x 24” and 28” x 28” squares
- Available with or without scrim
- Thermal blanket is found on CRD’s with areas greater than 84 sq. in.

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**Item Code Format**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTB24</td>
<td>Thermal Blanket 24” x 24”</td>
</tr>
<tr>
<td>CTB28</td>
<td>Thermal Blanket 28” x 28”</td>
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<tr>
<td>CTB24S</td>
<td>Thermal Blanket w/Scrim 24” x 24”</td>
</tr>
<tr>
<td>CTB28S</td>
<td>Thermal Blanket w/Scrim 28” x 28”</td>
</tr>
</tbody>
</table>
Notes

CONTACT
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1100 Ashwood Drive
Suite 1102
Canonsburg, PA 15317
www.clward.com
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