



LCHX Performance Curves

LCHX Index

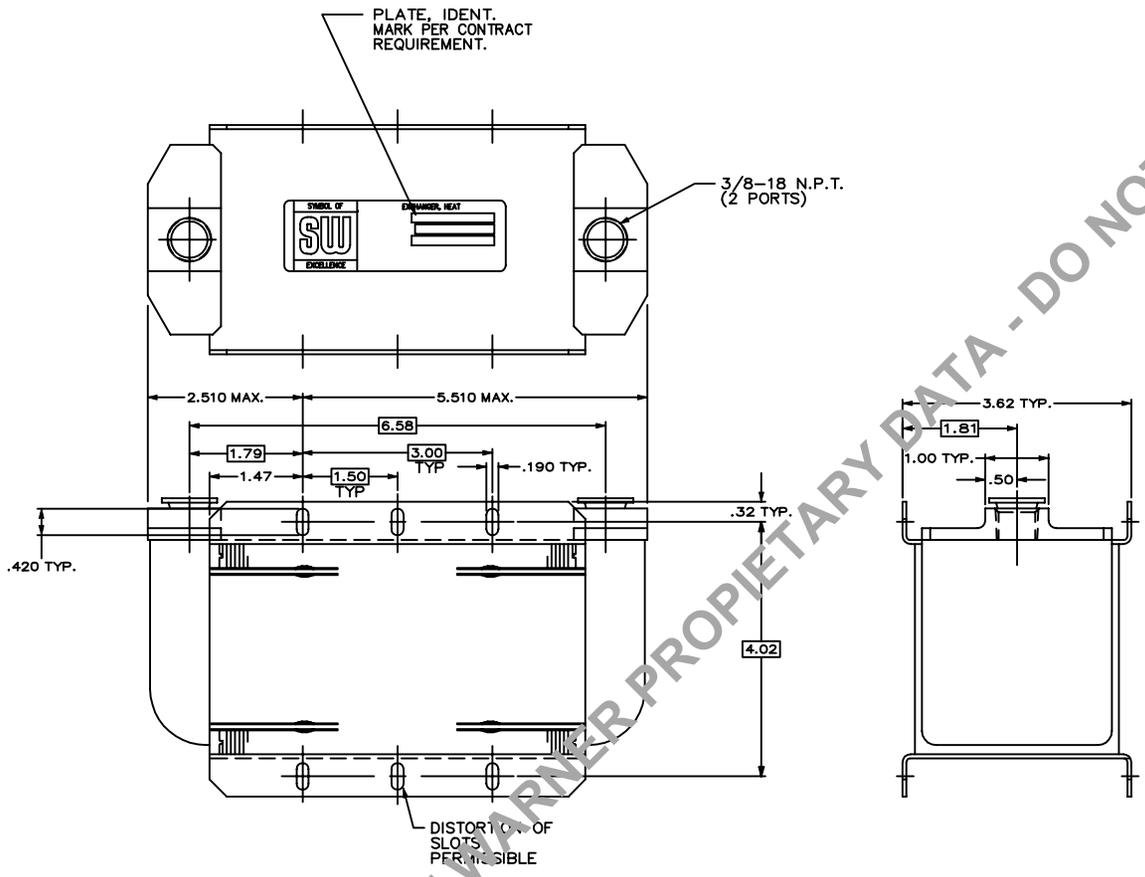
Heat Exchanger:

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8 7 6 5 4 3 2 1

| | | REVISIONS | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED |
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STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

8406R

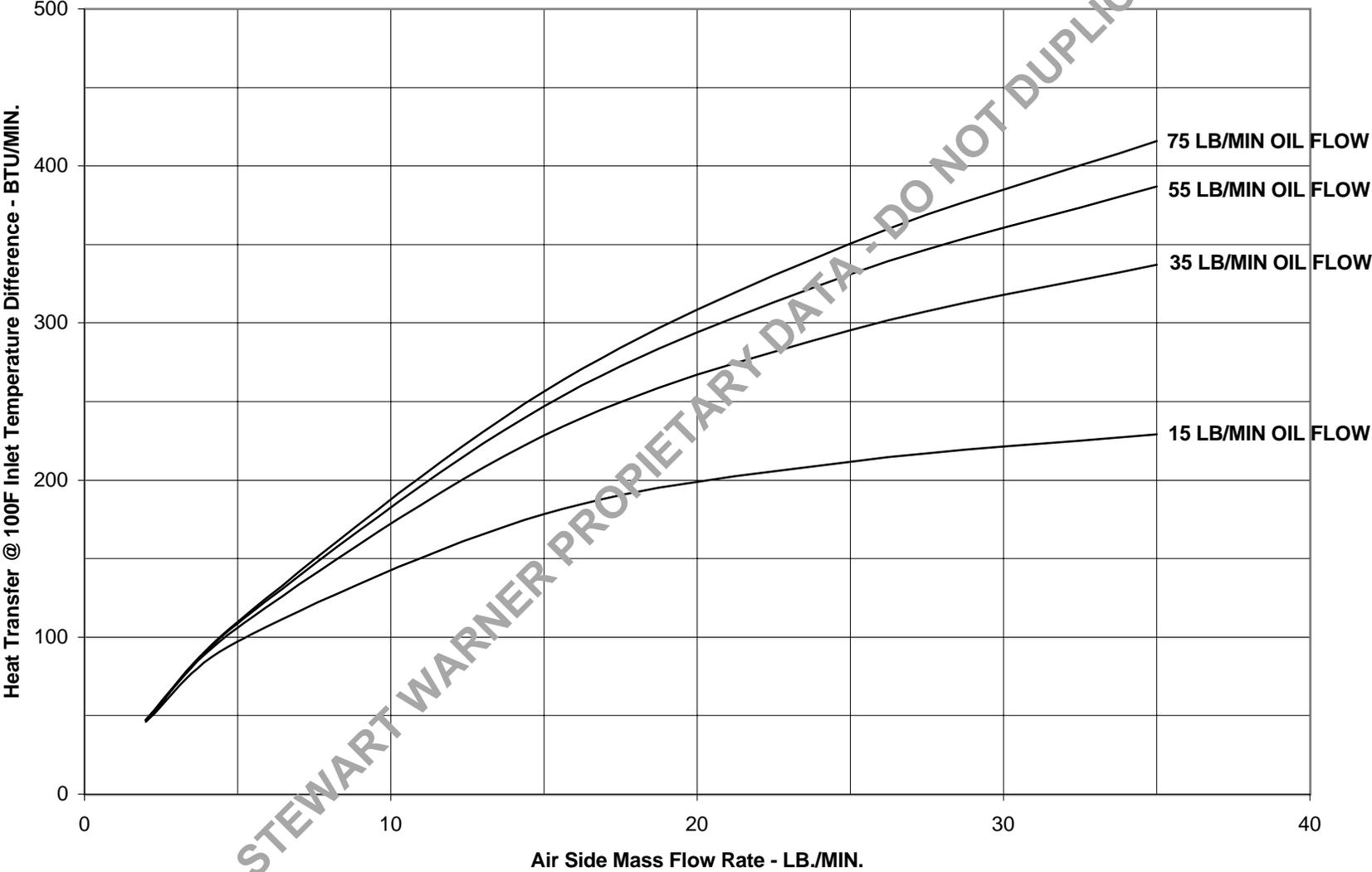
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE HEAT EXCHANGER OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 8406R |
| SCALE | WT | SHEET |

THIS DRAWING IS PREPARED IN ACCORDANCE WITH:
DOD-STD-360 ENGINEERING DRAWING PRACTICES AND
ANSI-Y14.5 ENGINEERING AND TOLERANCING FOR
ENGINEERING DRAWINGS.

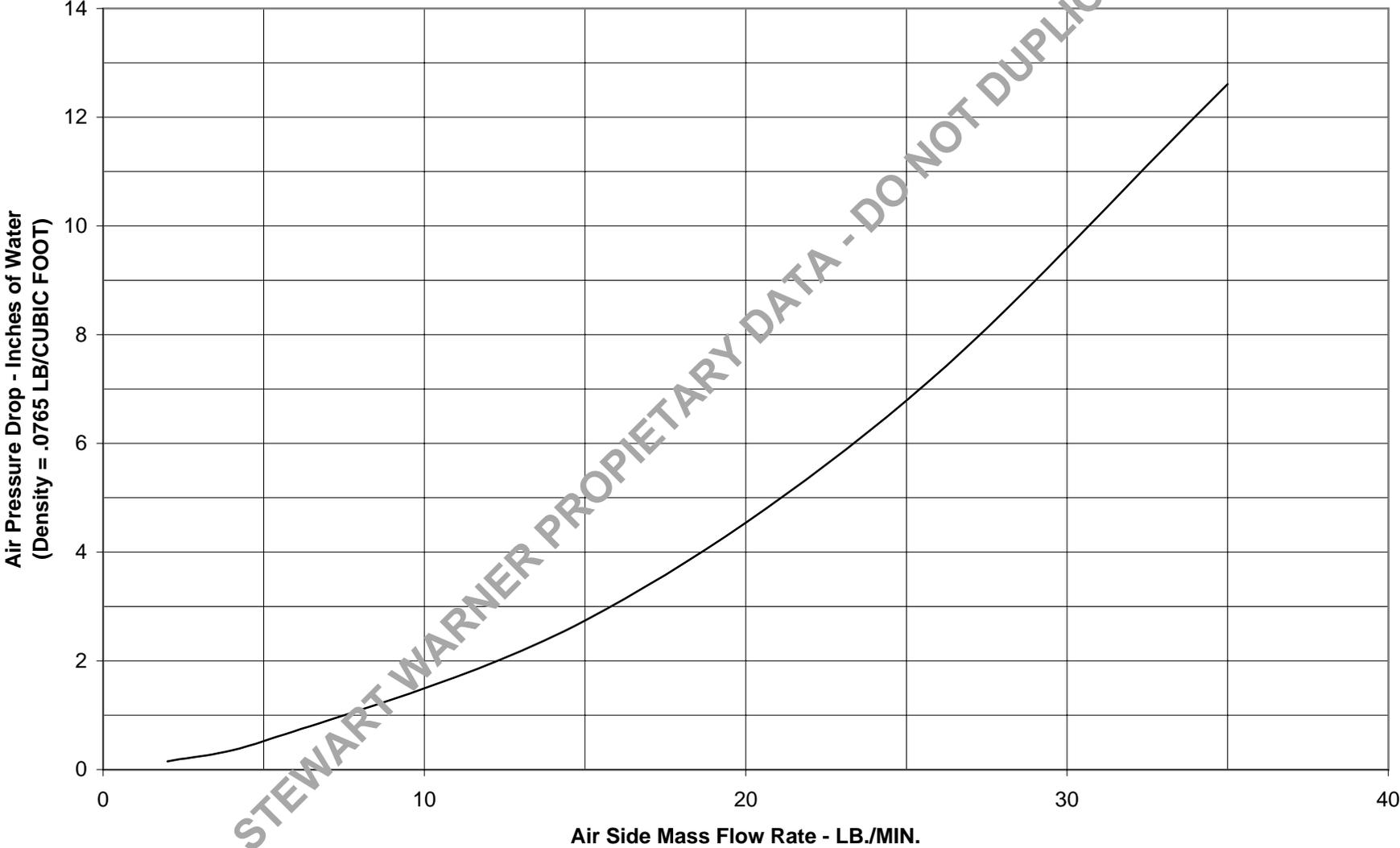
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FORM NO. 1453 REV. 12-80 8 7 6 5 4 3 2 1

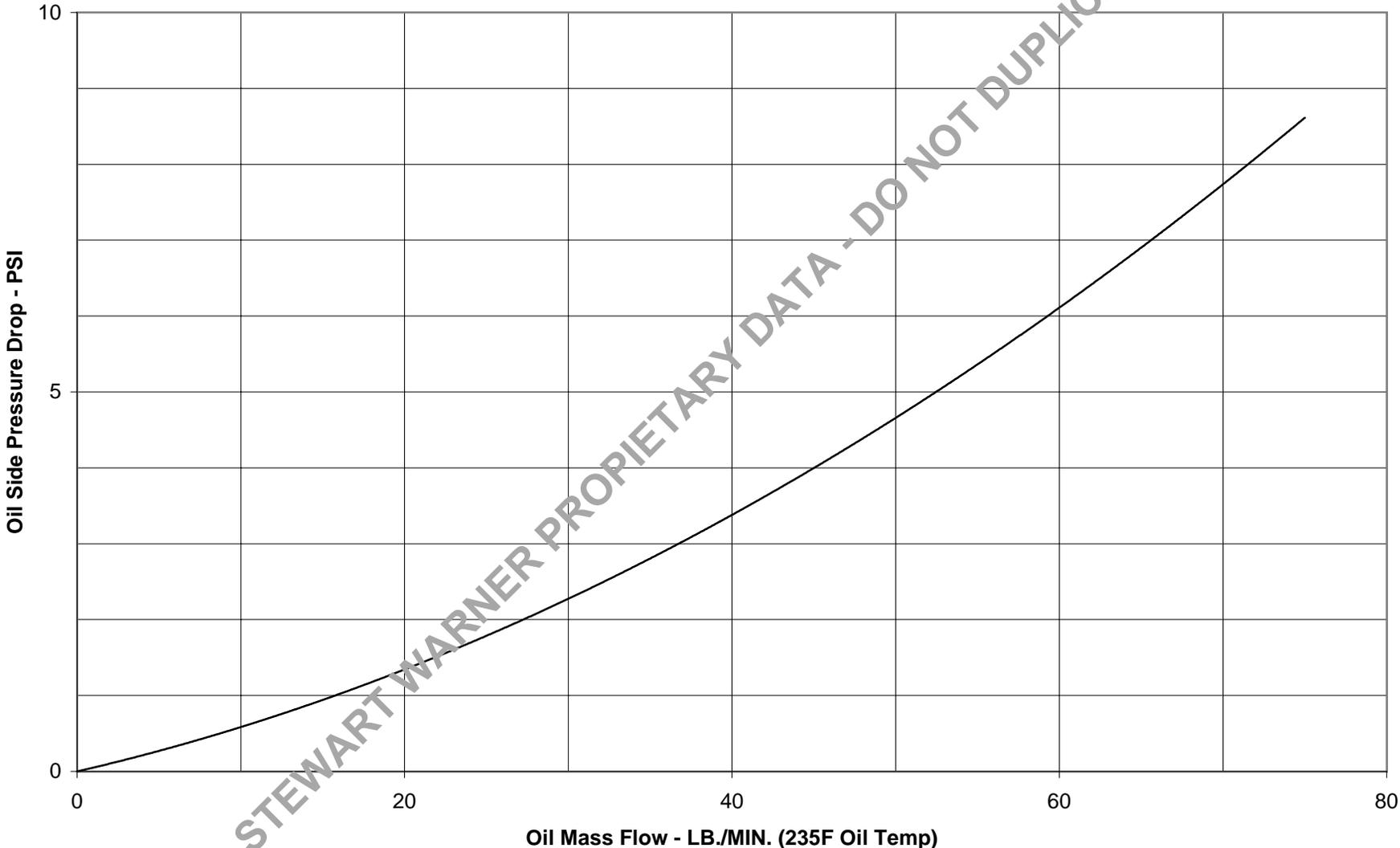
Stewart Warner 8406R Calculated Heat Rejection



Stewart Warner 8406R Air Side Pressure Drop

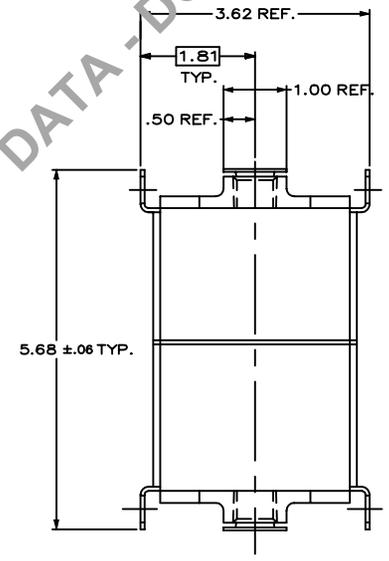
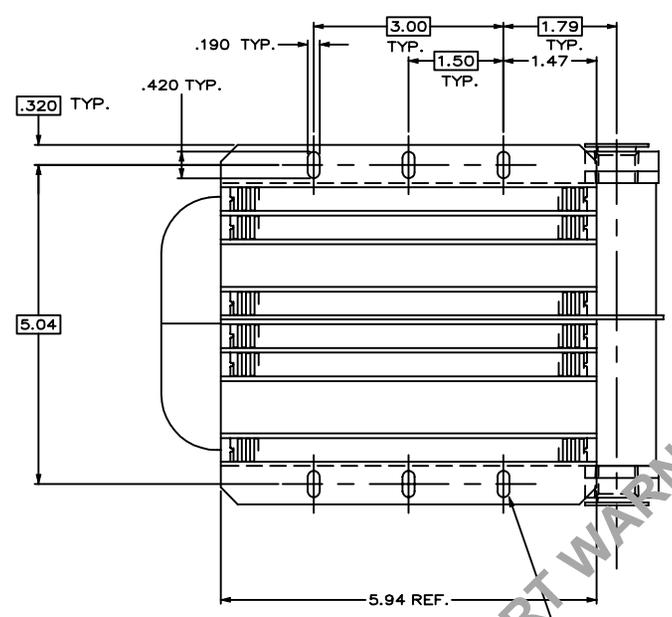
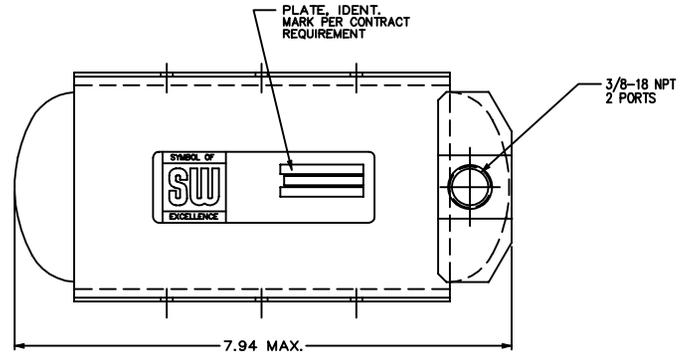


Stewart Warner 8406R Oil Side Pressure Drop



8 7 6 5 4 3 2 1

| | | REVISIONS | | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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DISTORTION OF SLOTS PERMISSIBLE

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

8432R

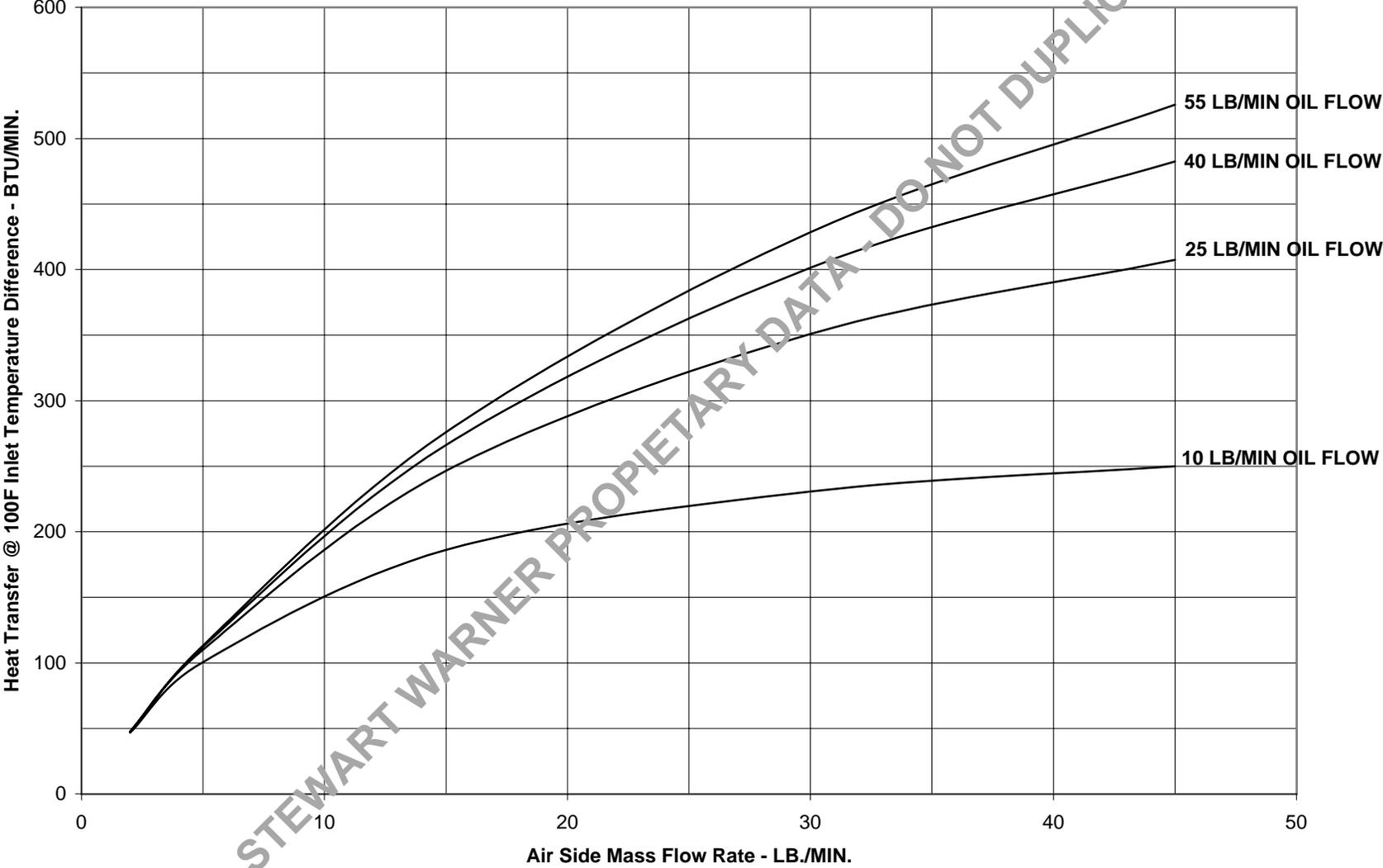
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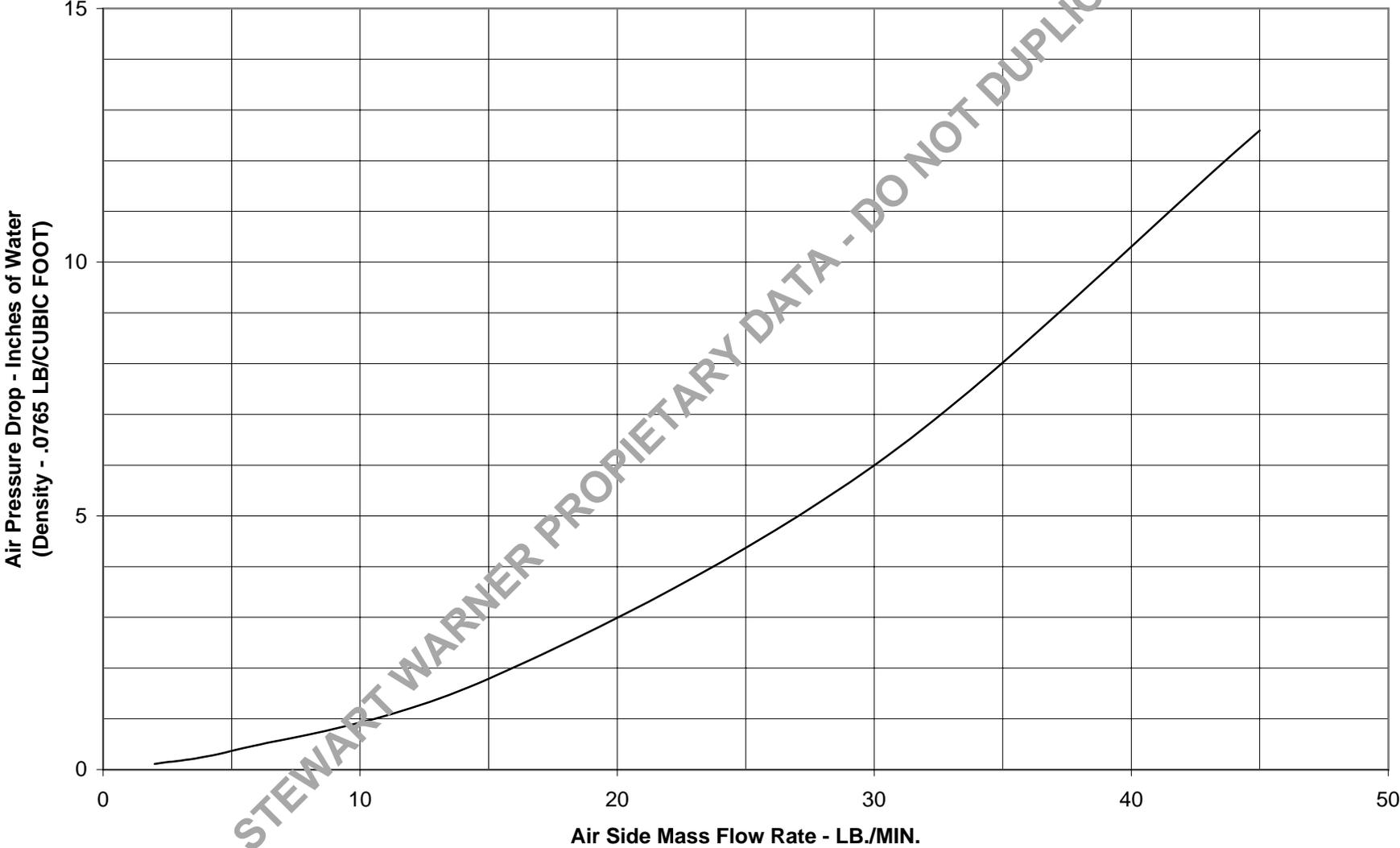
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | | |
| TITLE HEAT EXCHANGER OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 8432R | |
| SCALE | WT | SHEET | |

FORM NO. 1453 REV. 12-80 8 7 6 5 4 3 2 1

Stewart Warner 8432R Calculated Heat Rejection

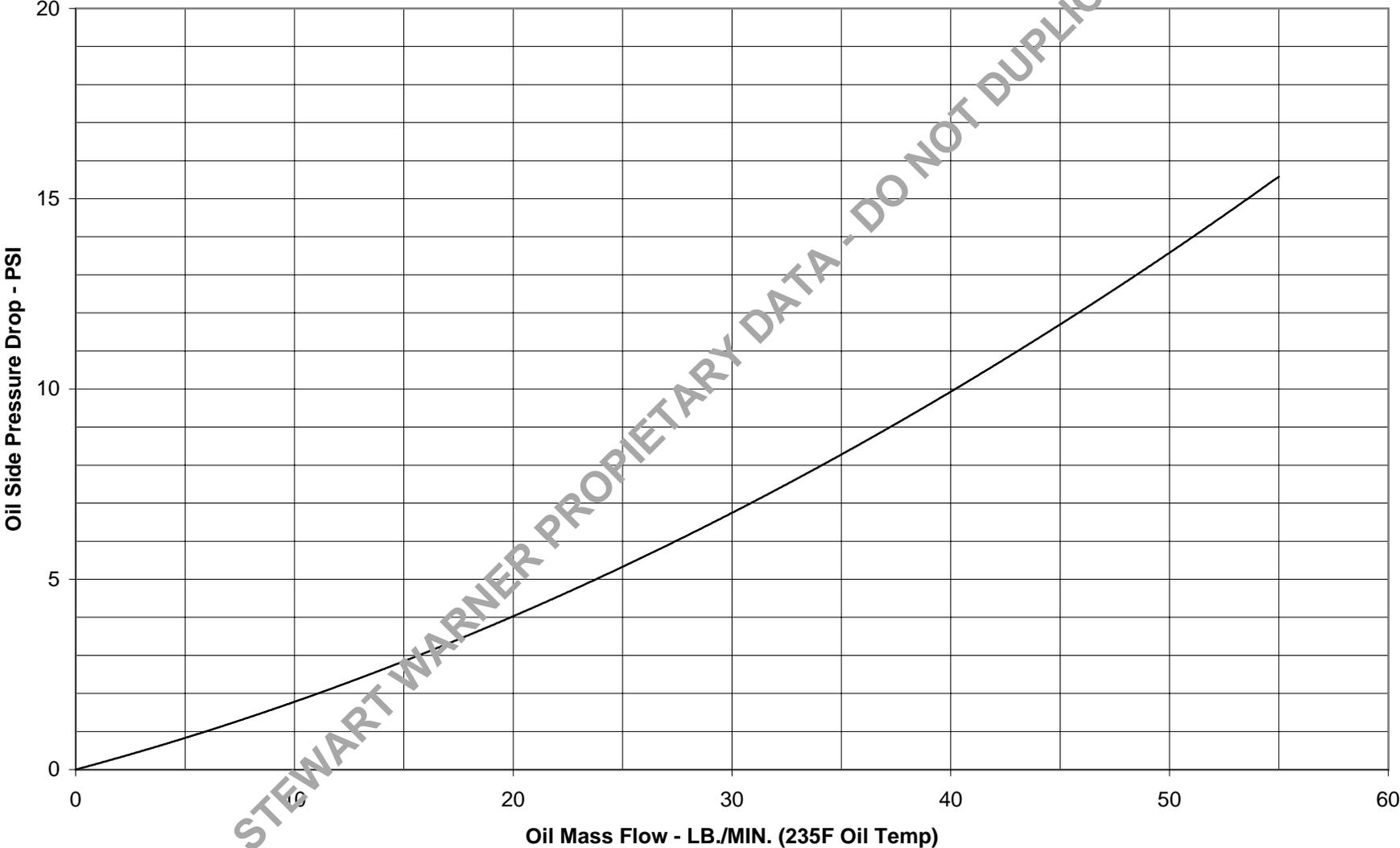


Stewart Warner 8432R Air Side Pressure Drop



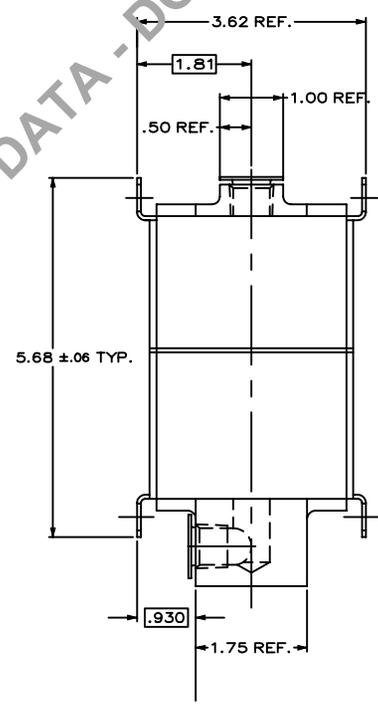
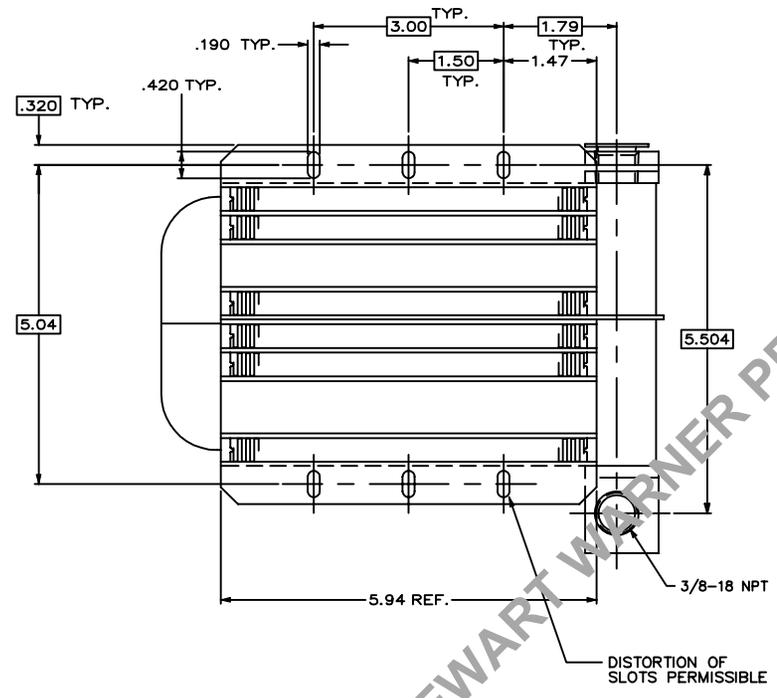
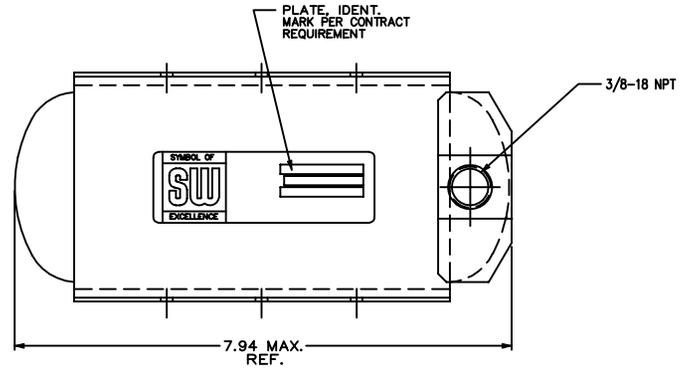
STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

Stewart Warner 8432R Oil Side Pressure Drop



8 7 6 5 4 3 2 1

| | | REVISIONS | | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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8432S

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

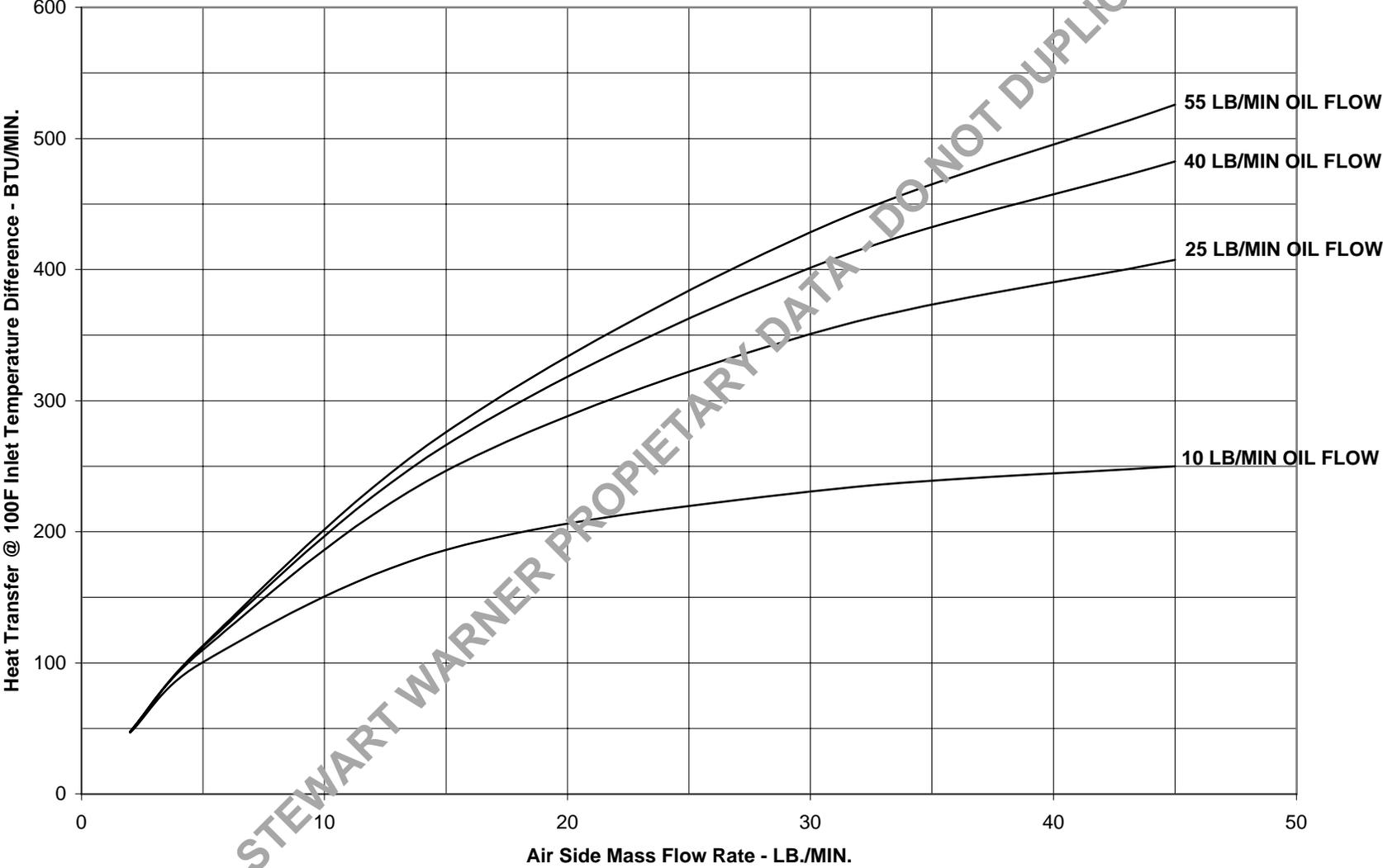
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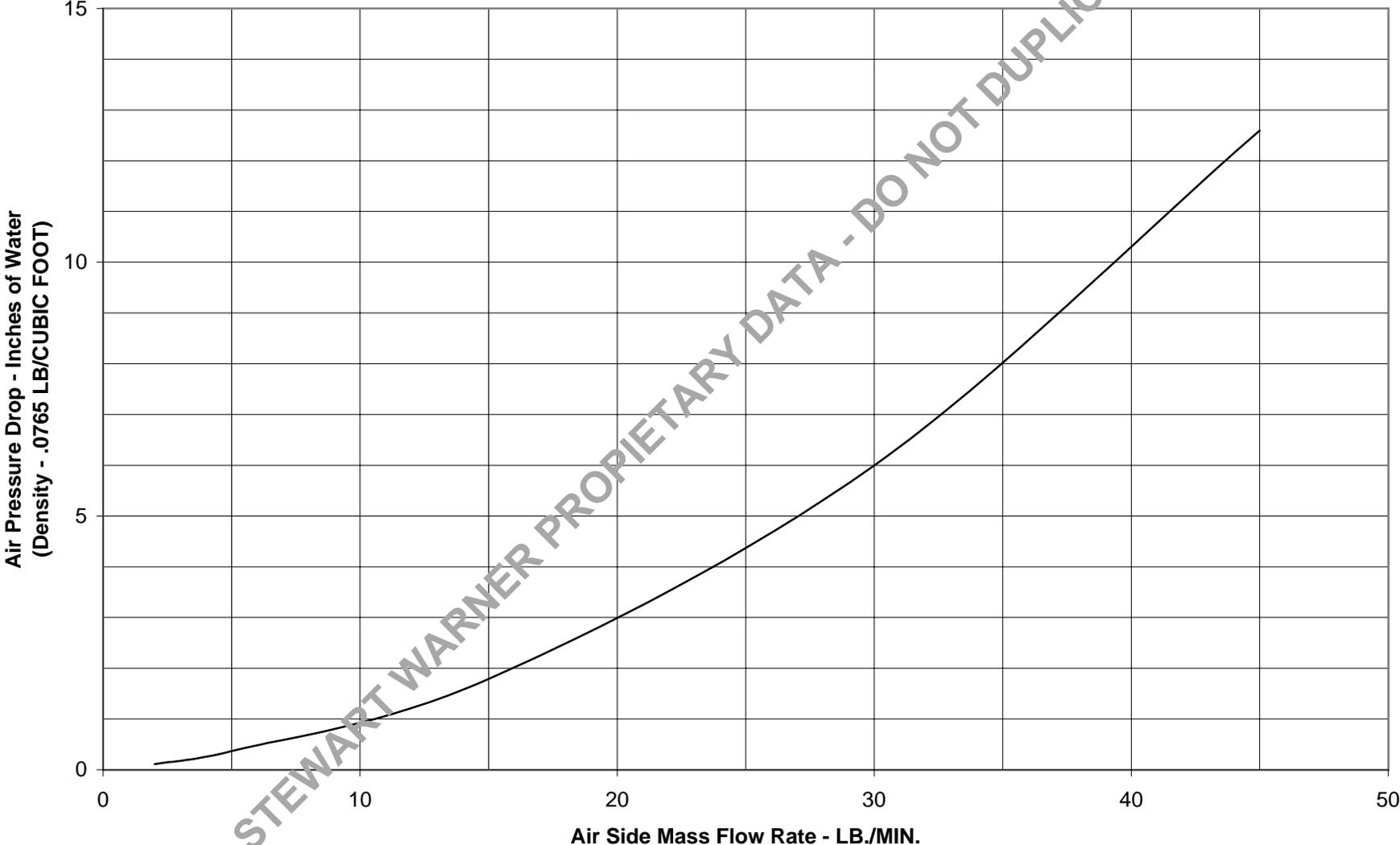
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|--|-------------------|------------------|
| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE HEAT EXCHANGER OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 8432S |
| SCALE | WT | SHEET |

FORM NO. 1453 REV. 12-80 8 7 6 5 4 3 2 1

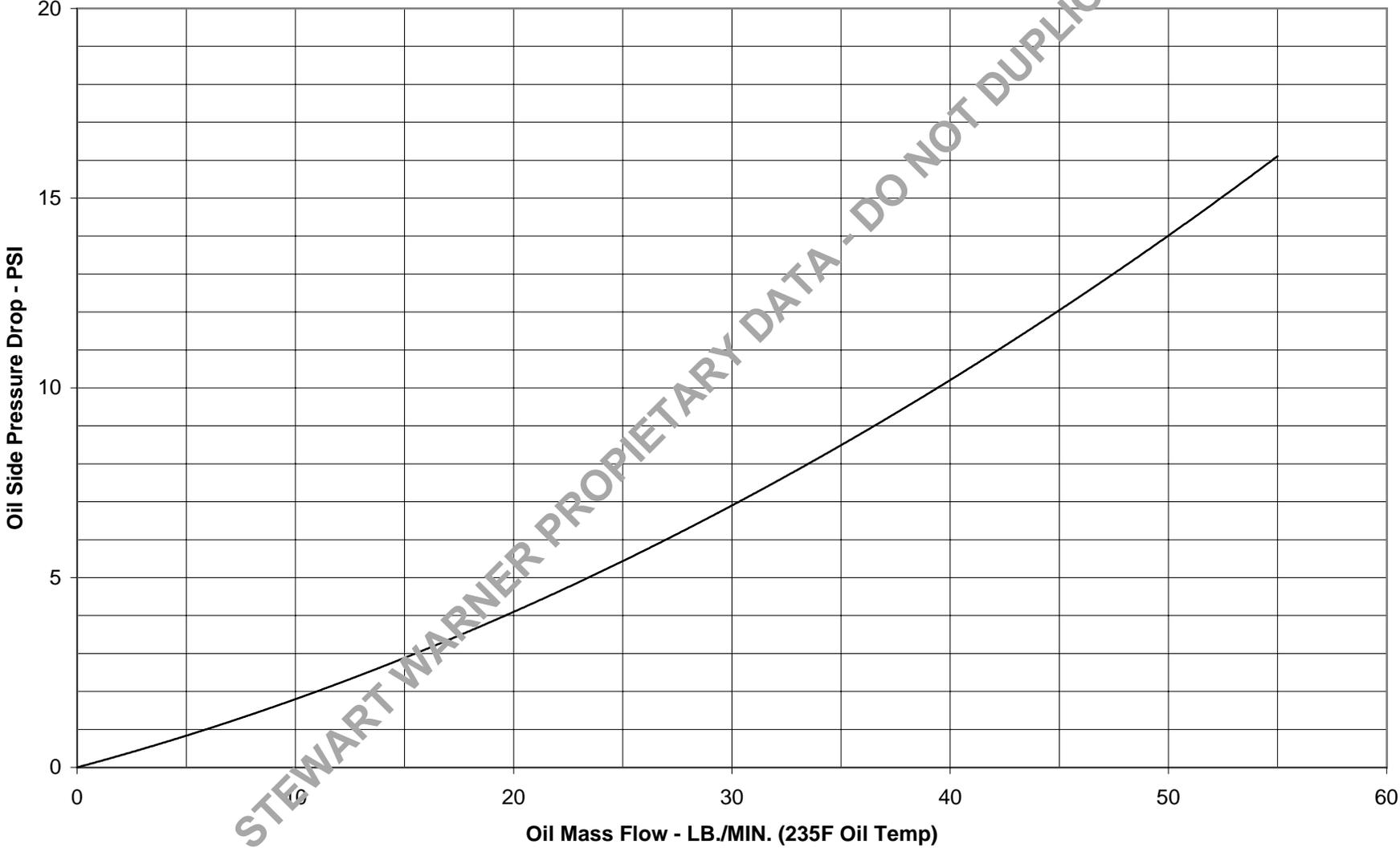
Stewart Warner 8432S Calculated Heat Rejection



Stewart Warner 8432S Air Side Pressure Drop

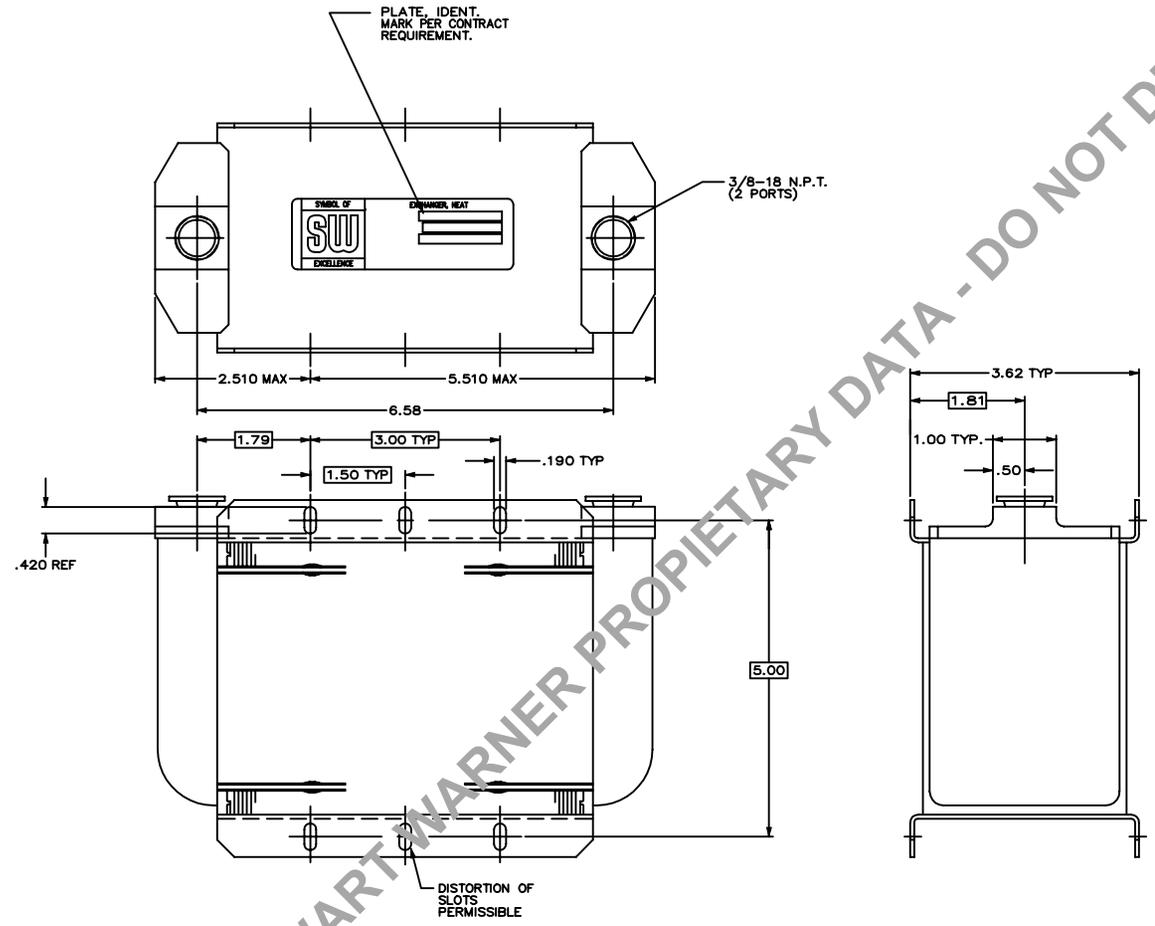


Stewart Warner 8432S Oil Side Pressure Drop



8 7 6 5 4 3 2 1

| | | REVISIONS | |
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| ZONE | REV | DESCRIPTION | DATE |
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STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

10599R

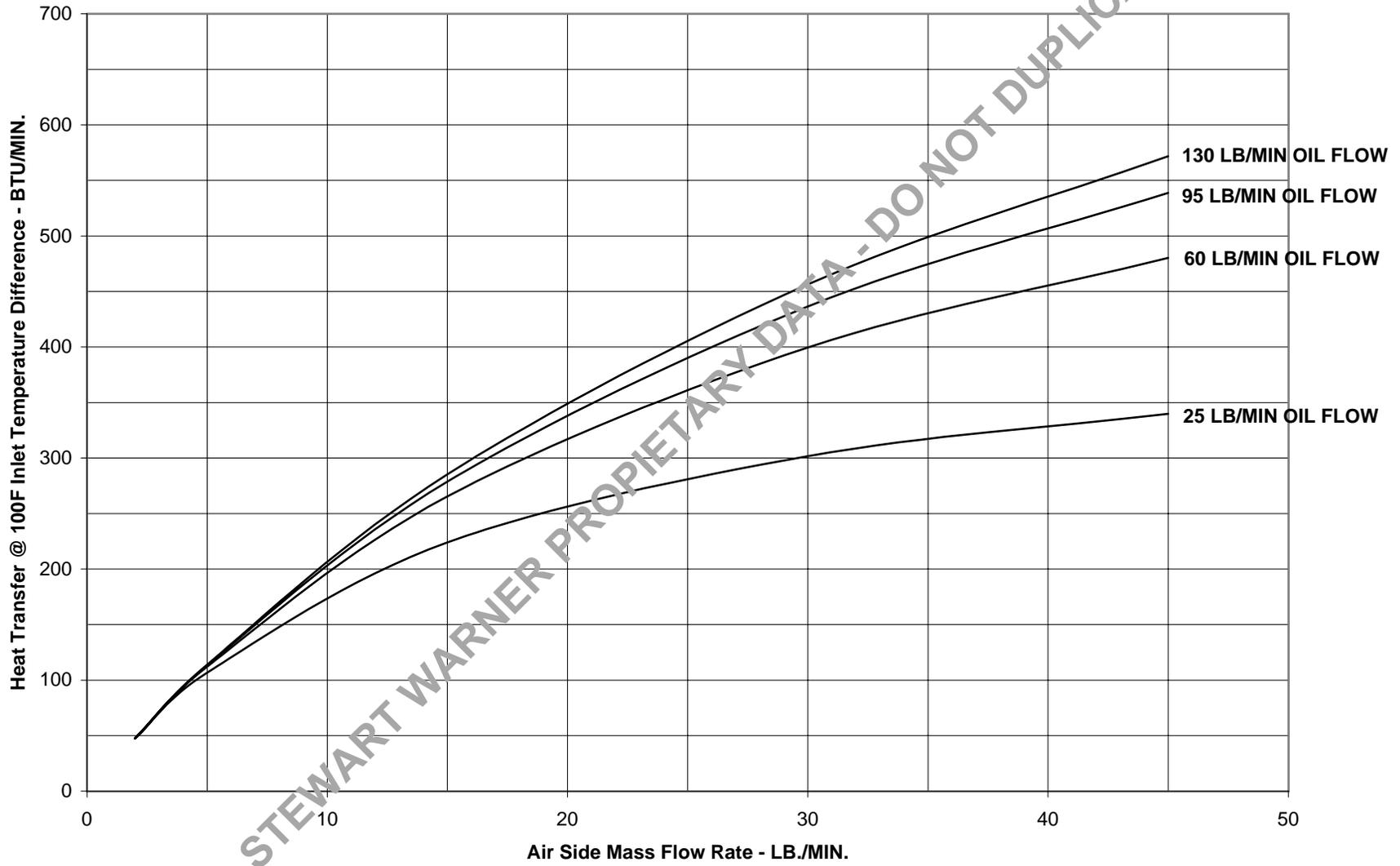
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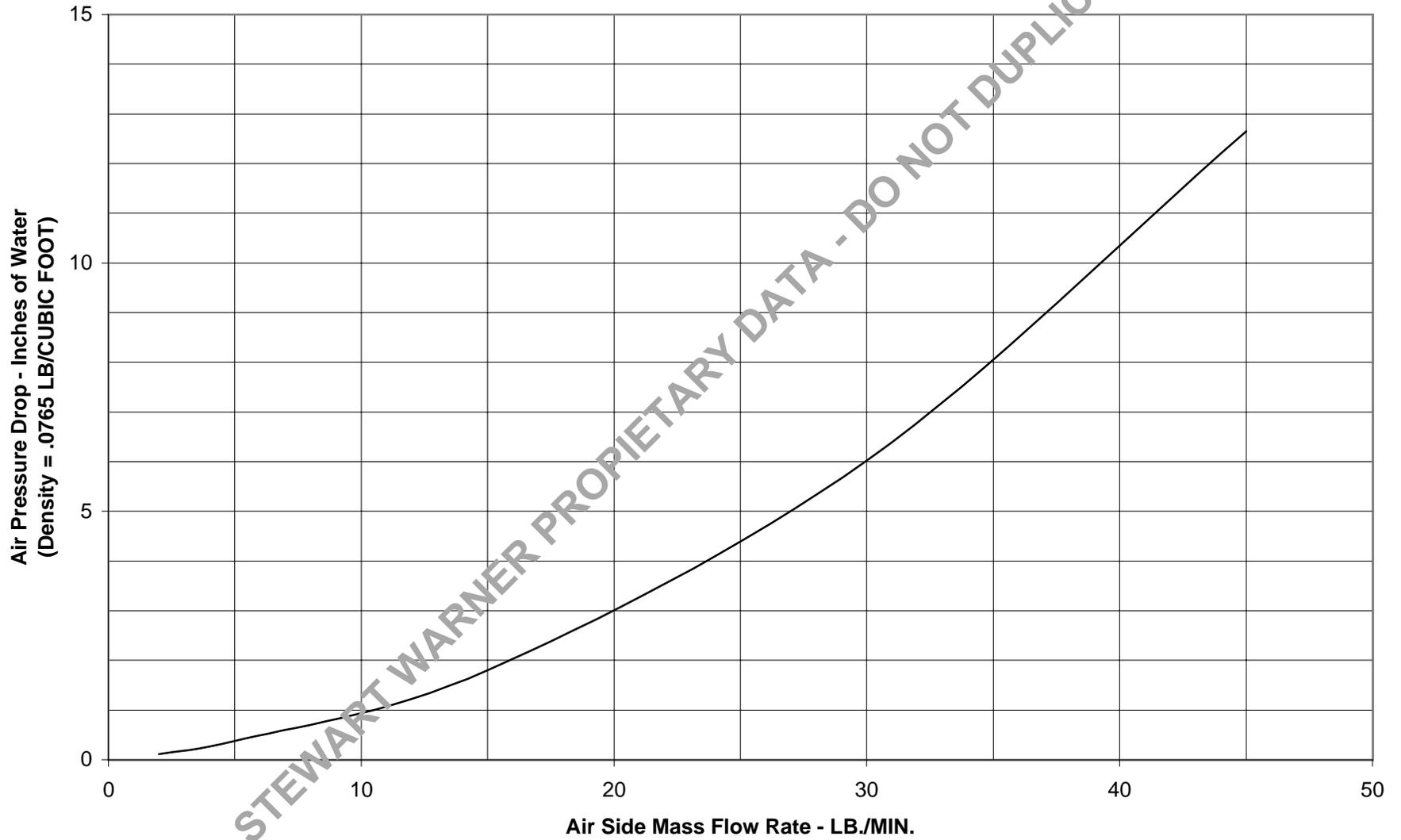
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | | |
| TITLE HEAT EXCHANGER OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10599R | |
| SCALE | WT | SHEET | |

FORM NO. 1453 REV. 12-80 8 7 6 5 4 3 2 1

Stewart Warner 10599R Calculated Heat Rejection

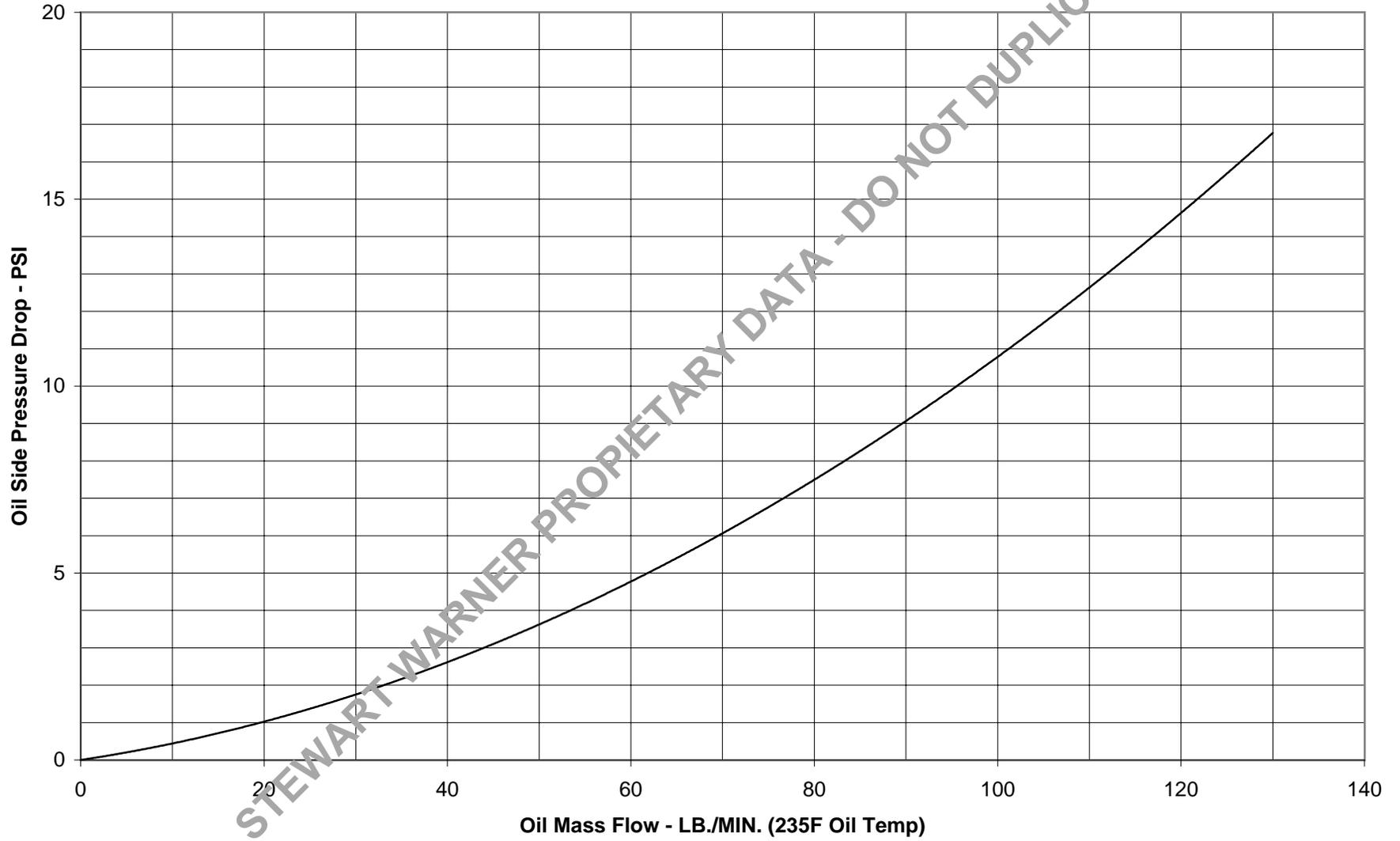


Stewart Warner 10599R Air Side Pressure Drop



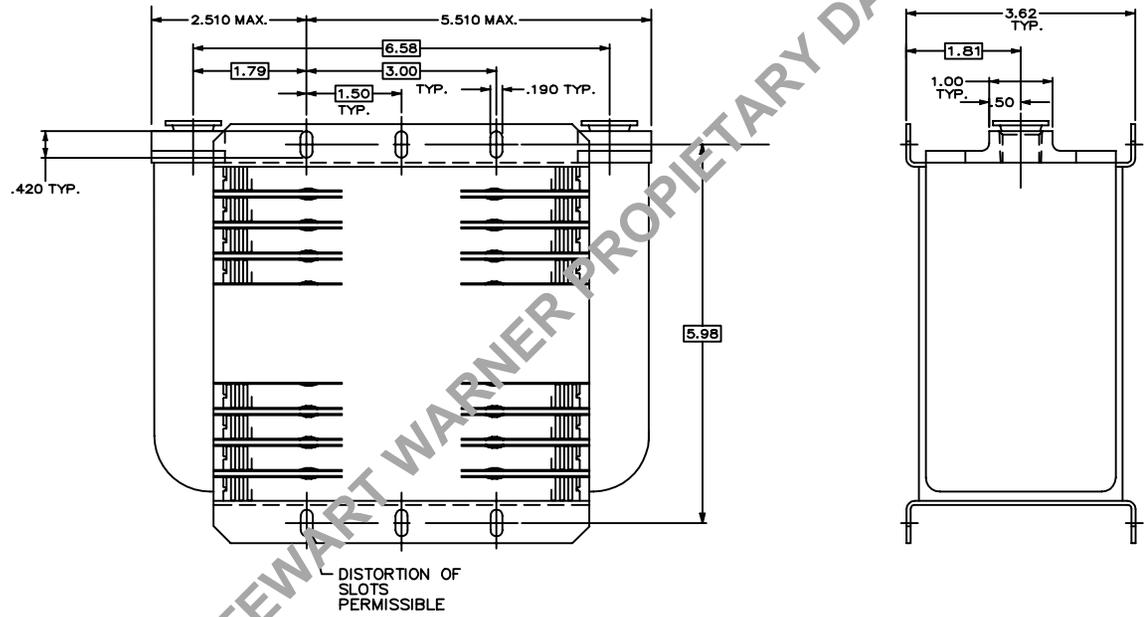
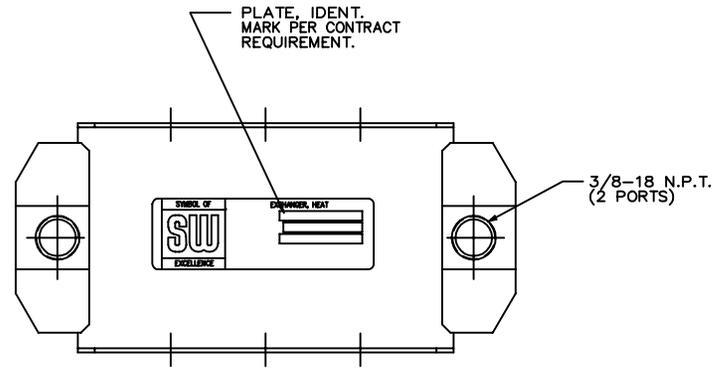
STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

Stewart Warner 10599R Oil Side Pressure Drop



8 7 6 5 4 3 2 1

| | | REVISIONS | | |
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10610R

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

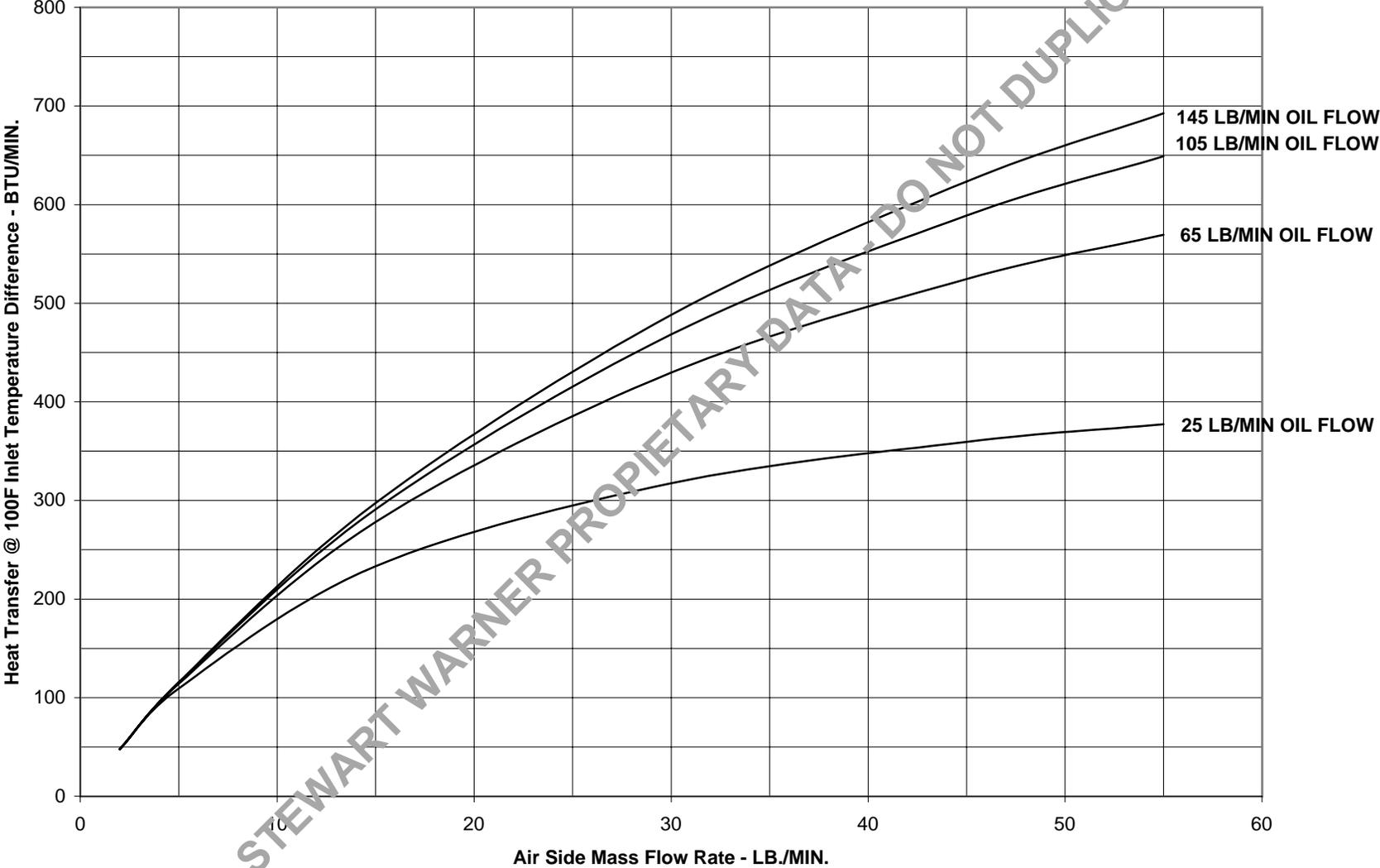
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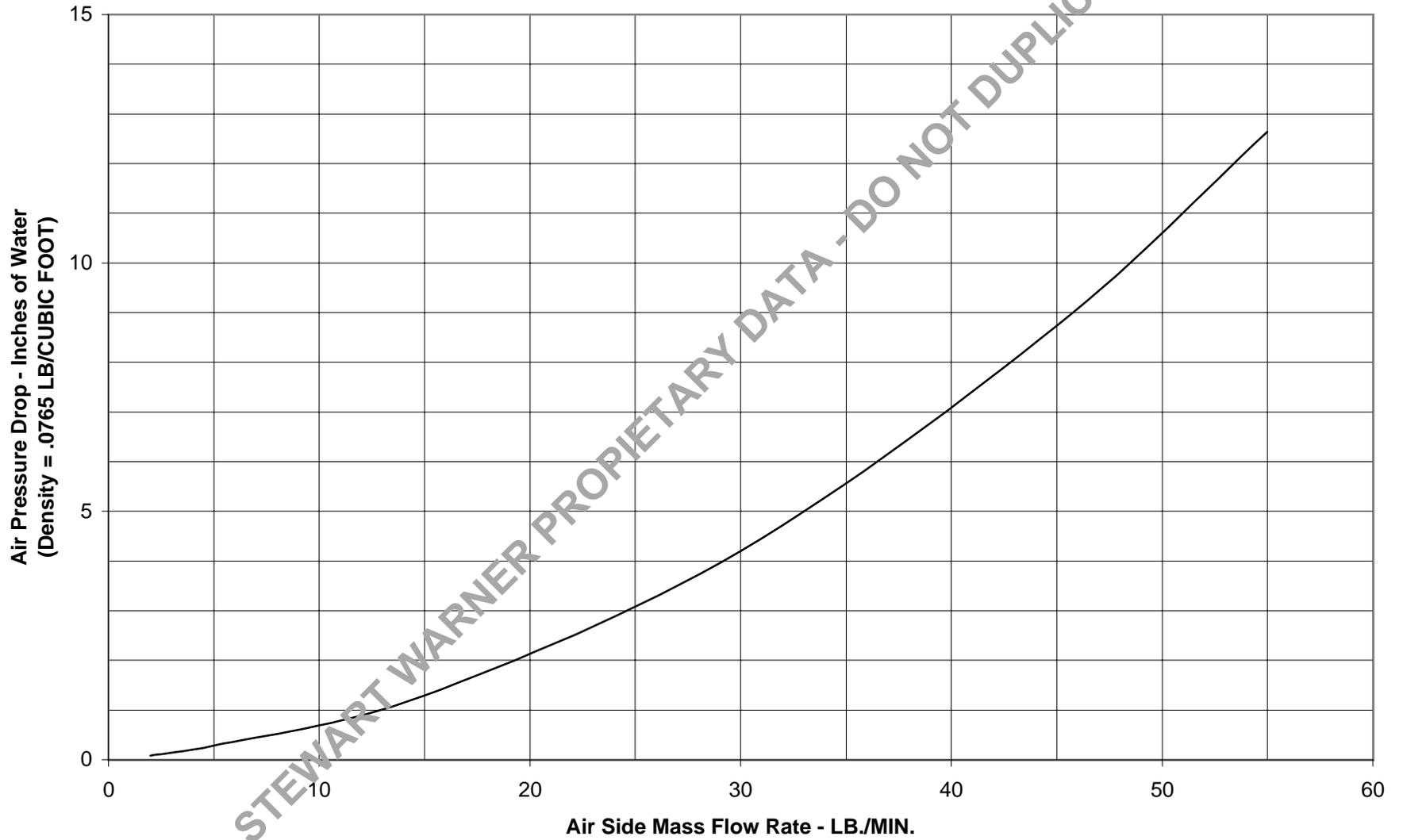
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | | |
| TITLE HEAT EXCHANGER OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10610R | |
| SCALE | WT | SHEET | |

FORM NO. 1453 REV. 12-86 8 7 6 5 4 3 2 1

Stewart Warner 10610R Calculated Heat Rejection

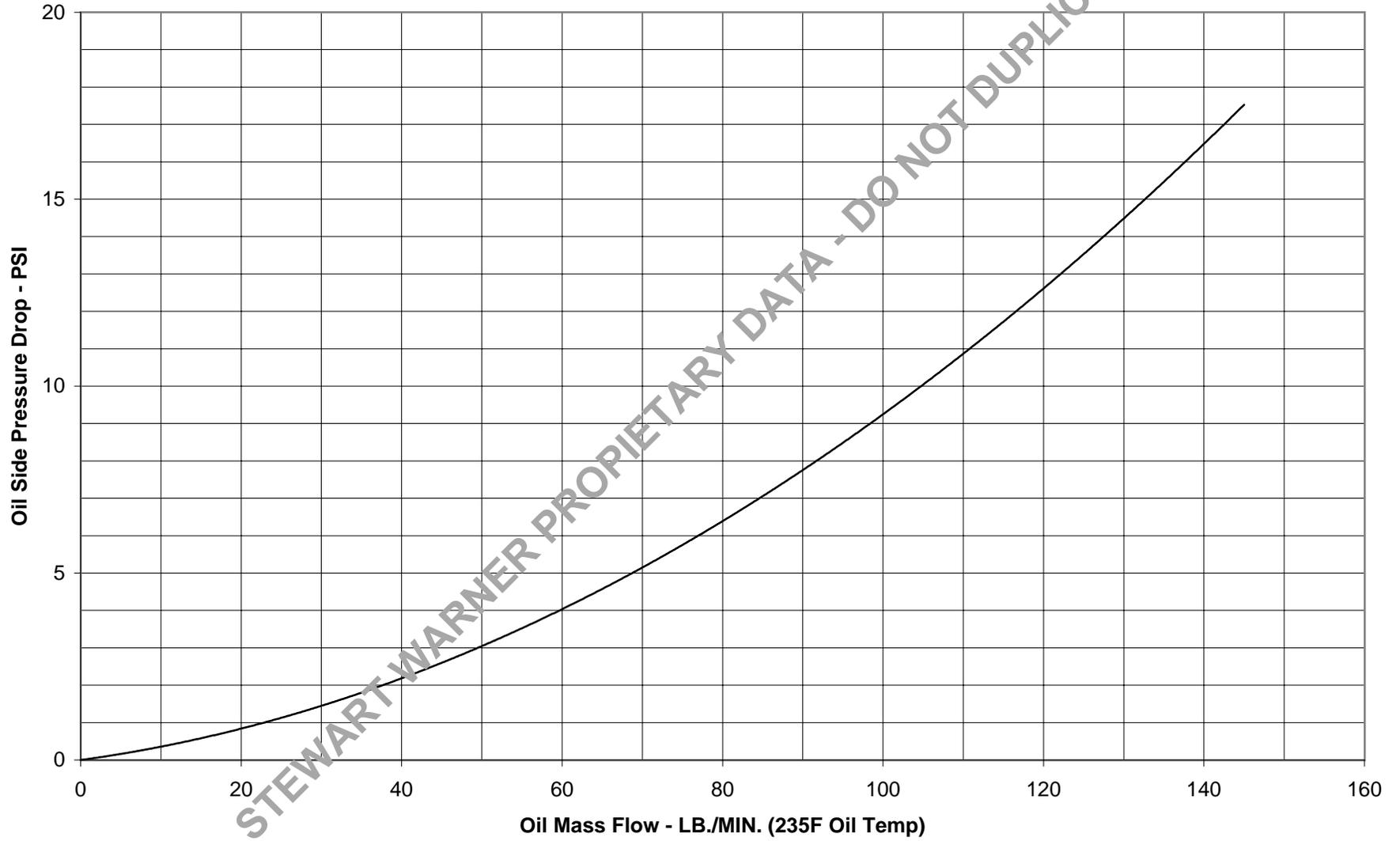


Stewart Warner 10610R Air Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

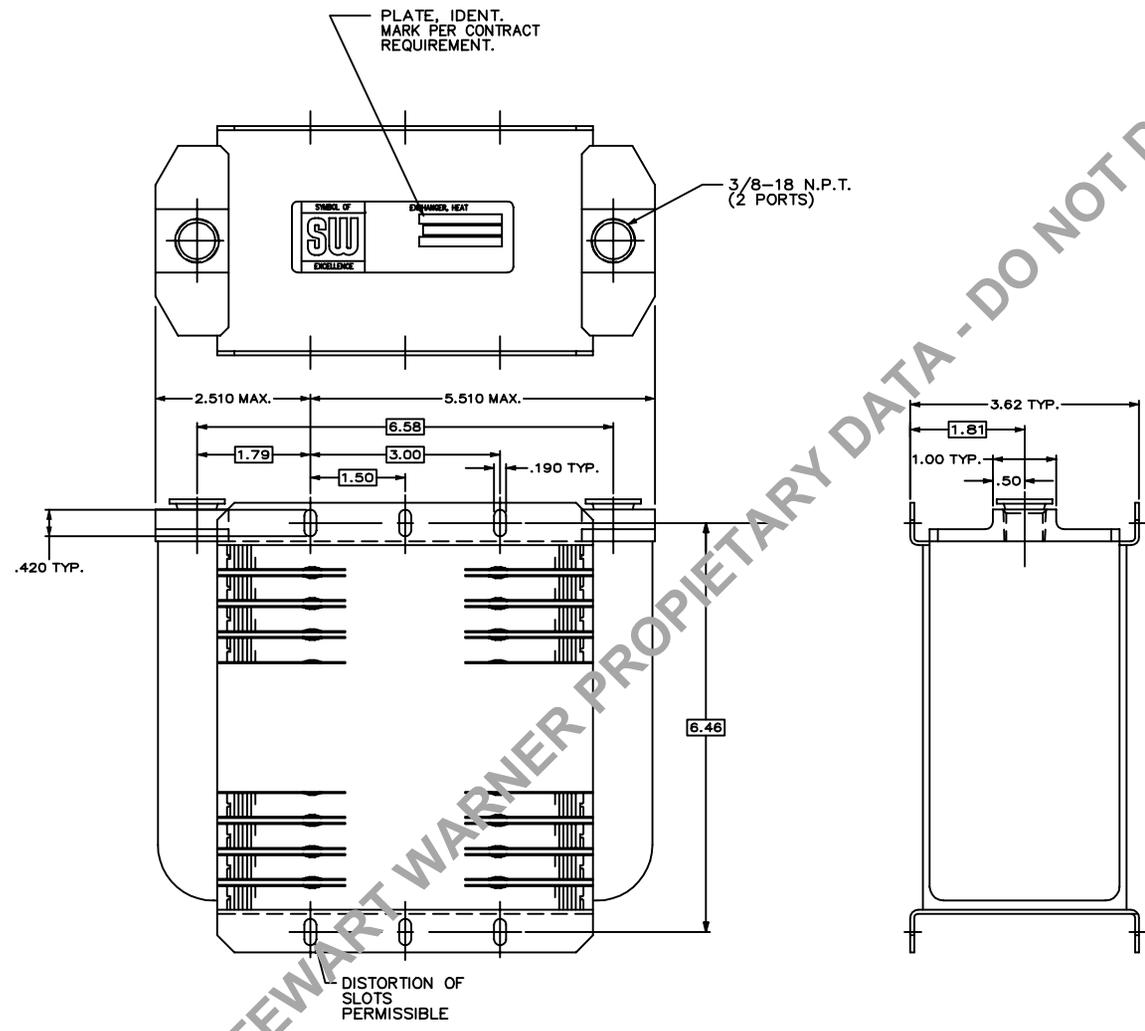
Stewart Warner 10610R Oil Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

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D
C
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| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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10611R

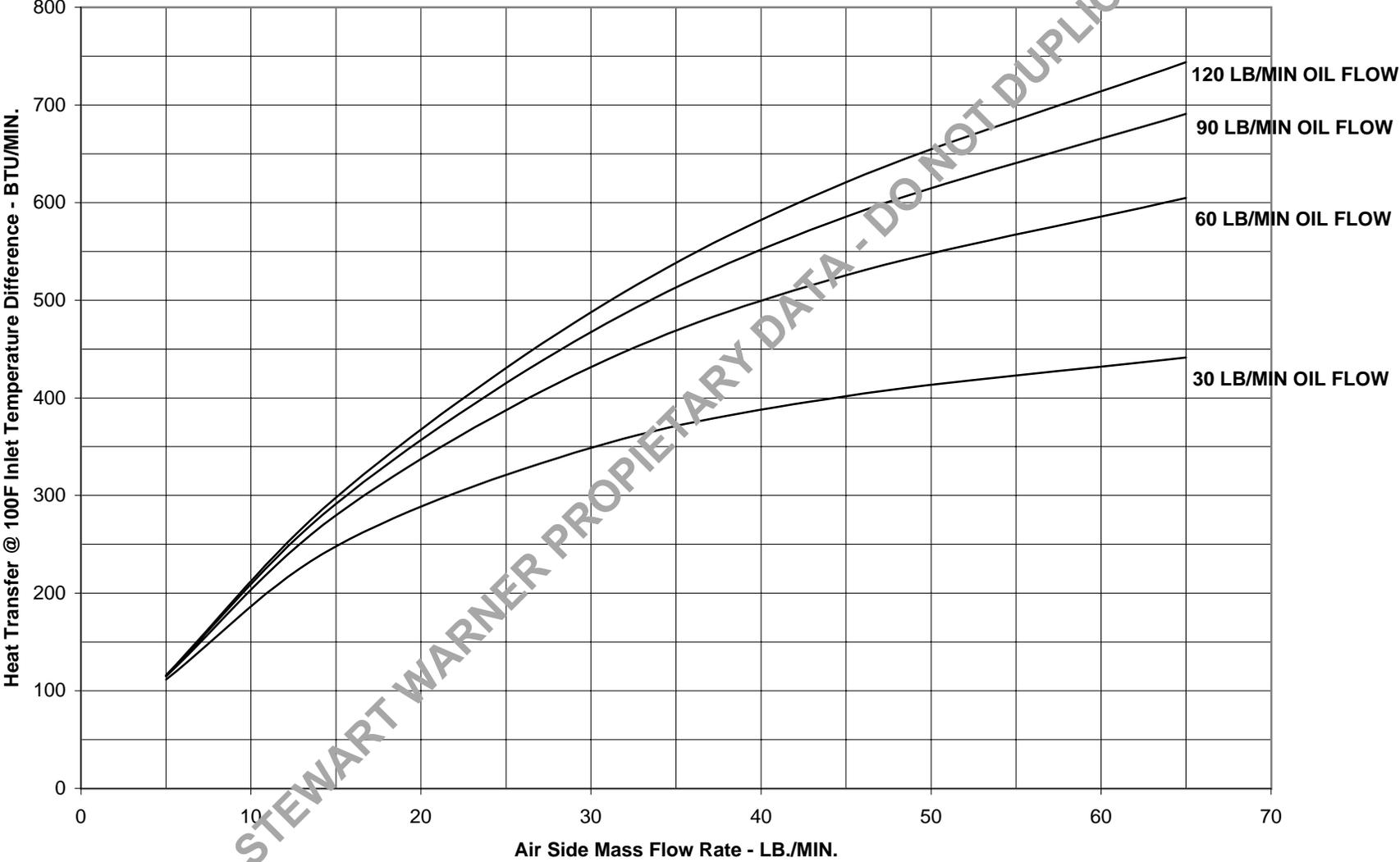
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| TITLE HEAT EXCHANGER OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10611R |
| SCALE | WT | SHEET |

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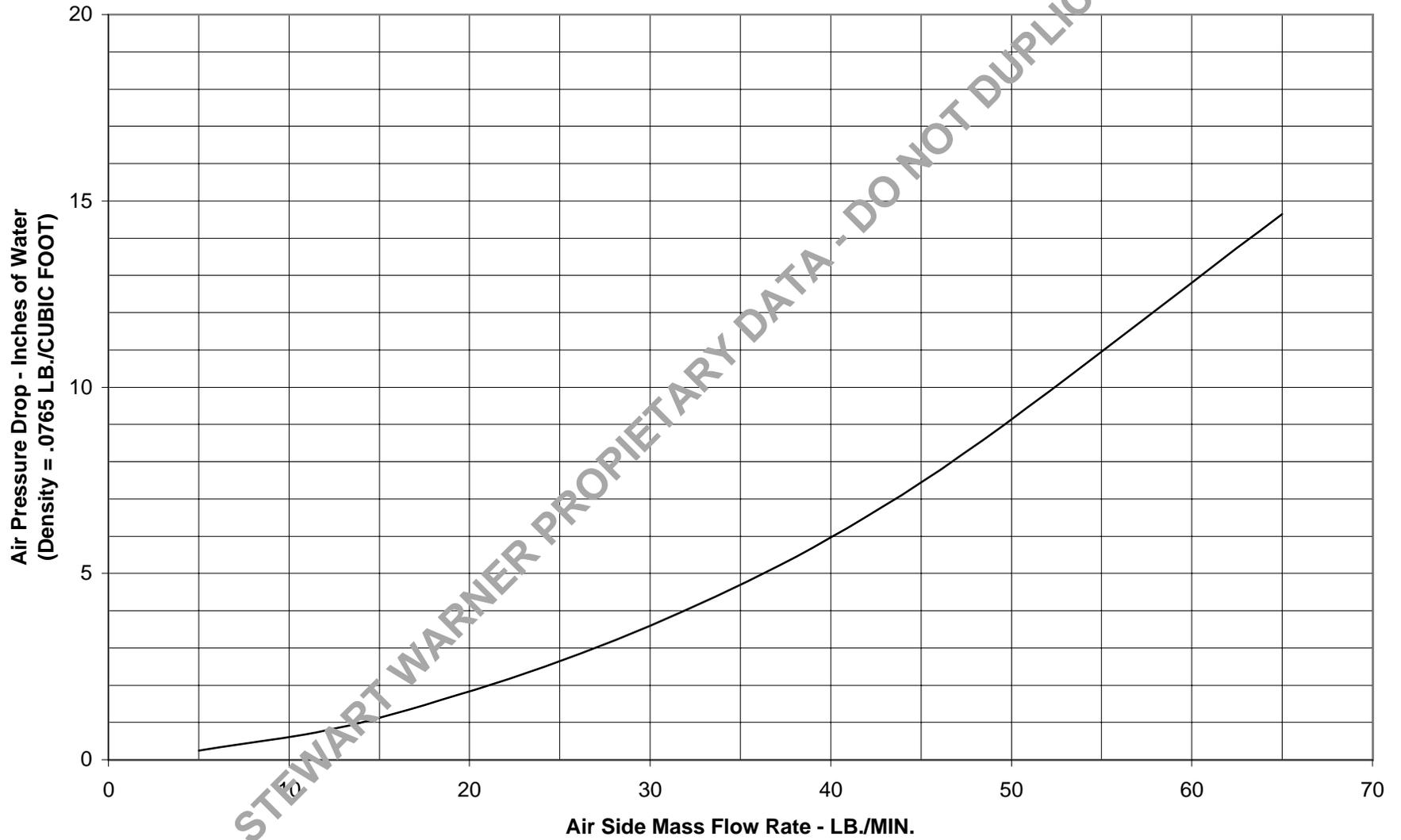
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FORM NO. 1453 8 7 6 5 4 3 2 1 REV. 12-80

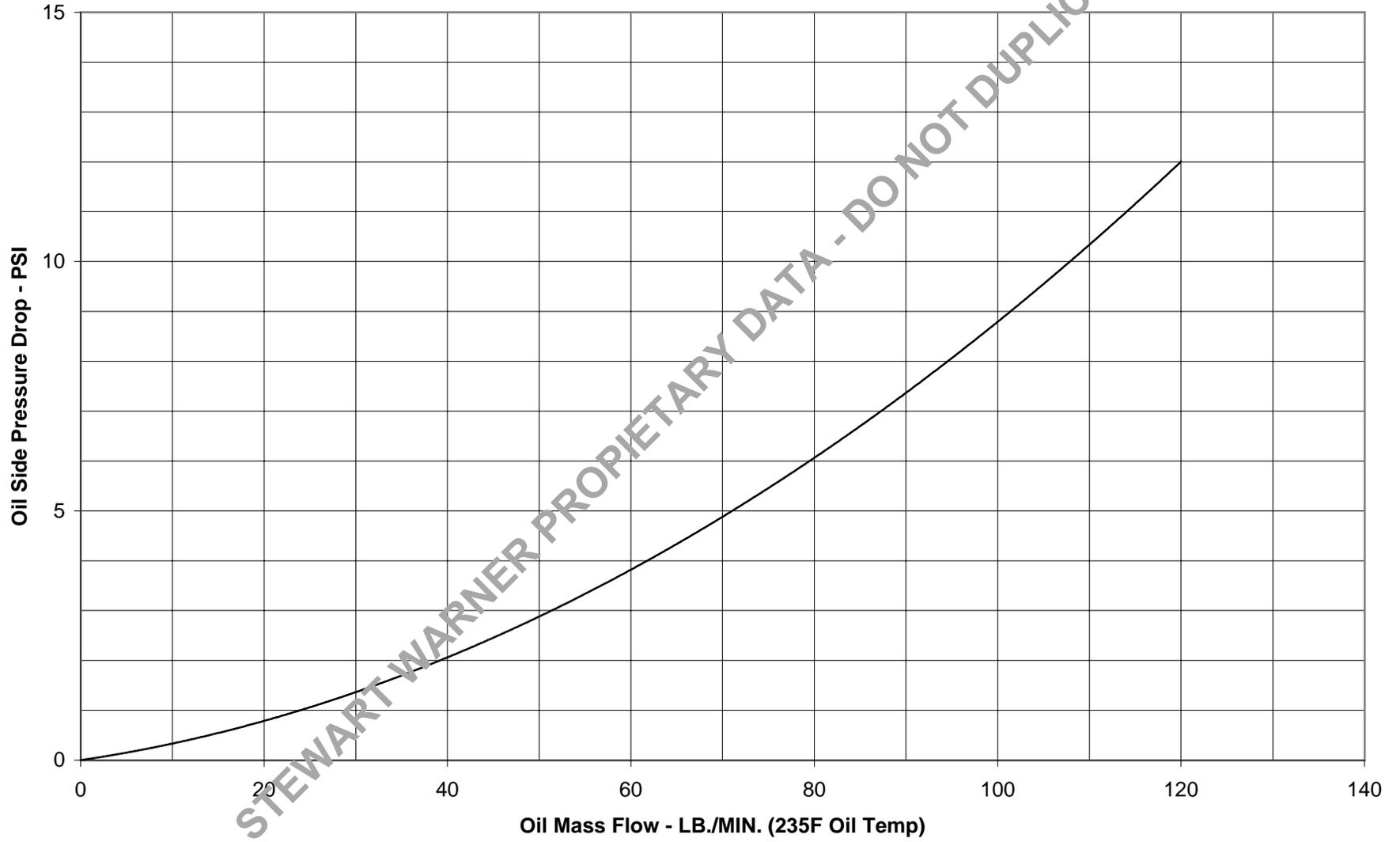
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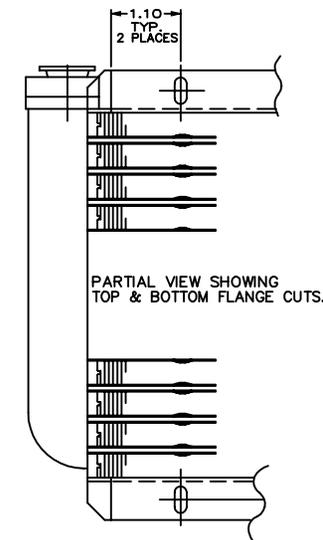
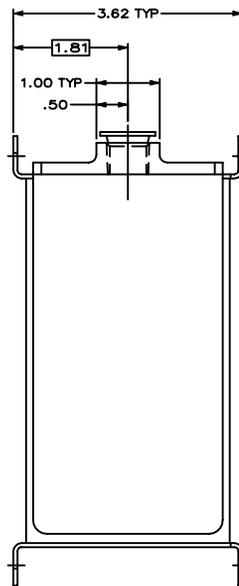
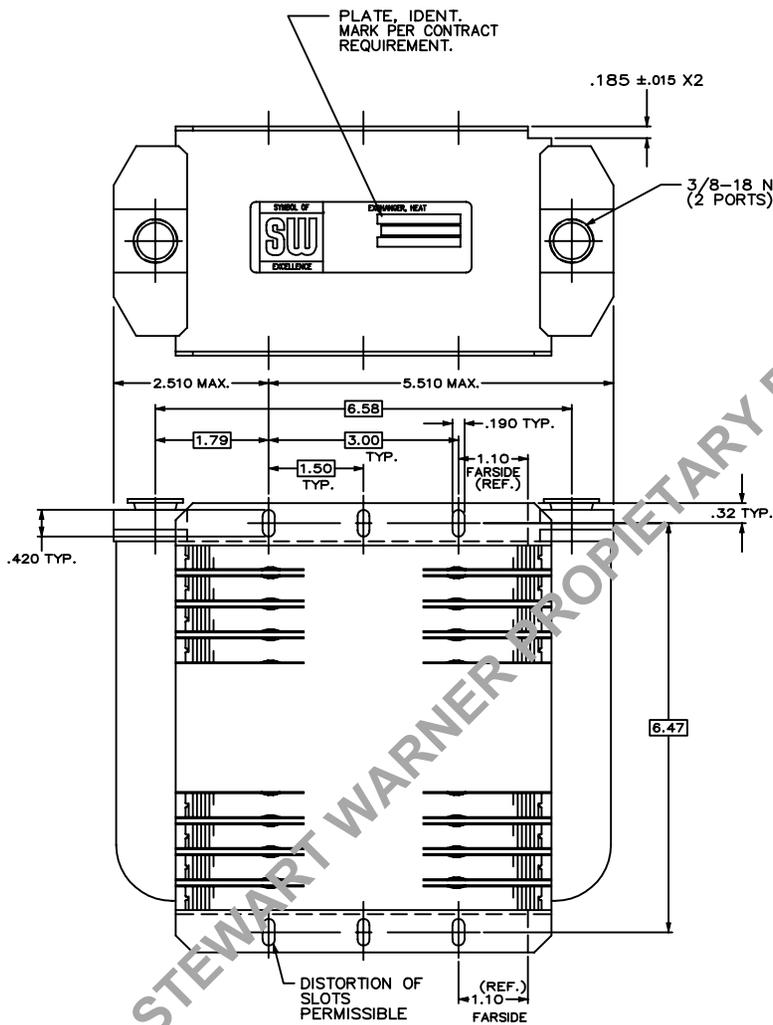


Stewart Warner 10611R Air Side Pressure Drop



Stewart Warner 10611R Oil Side Pressure Drop





| ZONE | | REV | DESCRIPTION | DATE | APPROVED |
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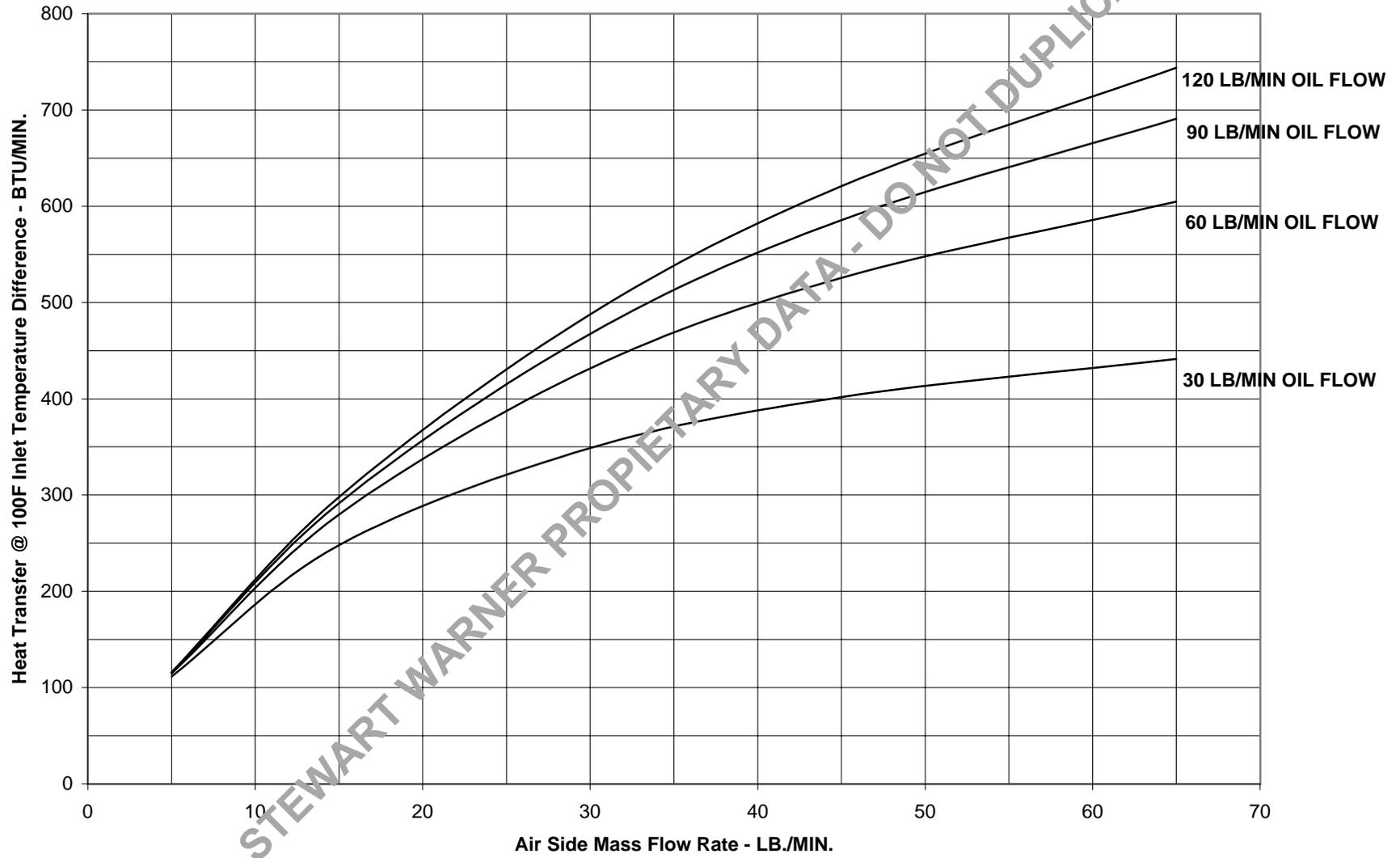
10611S

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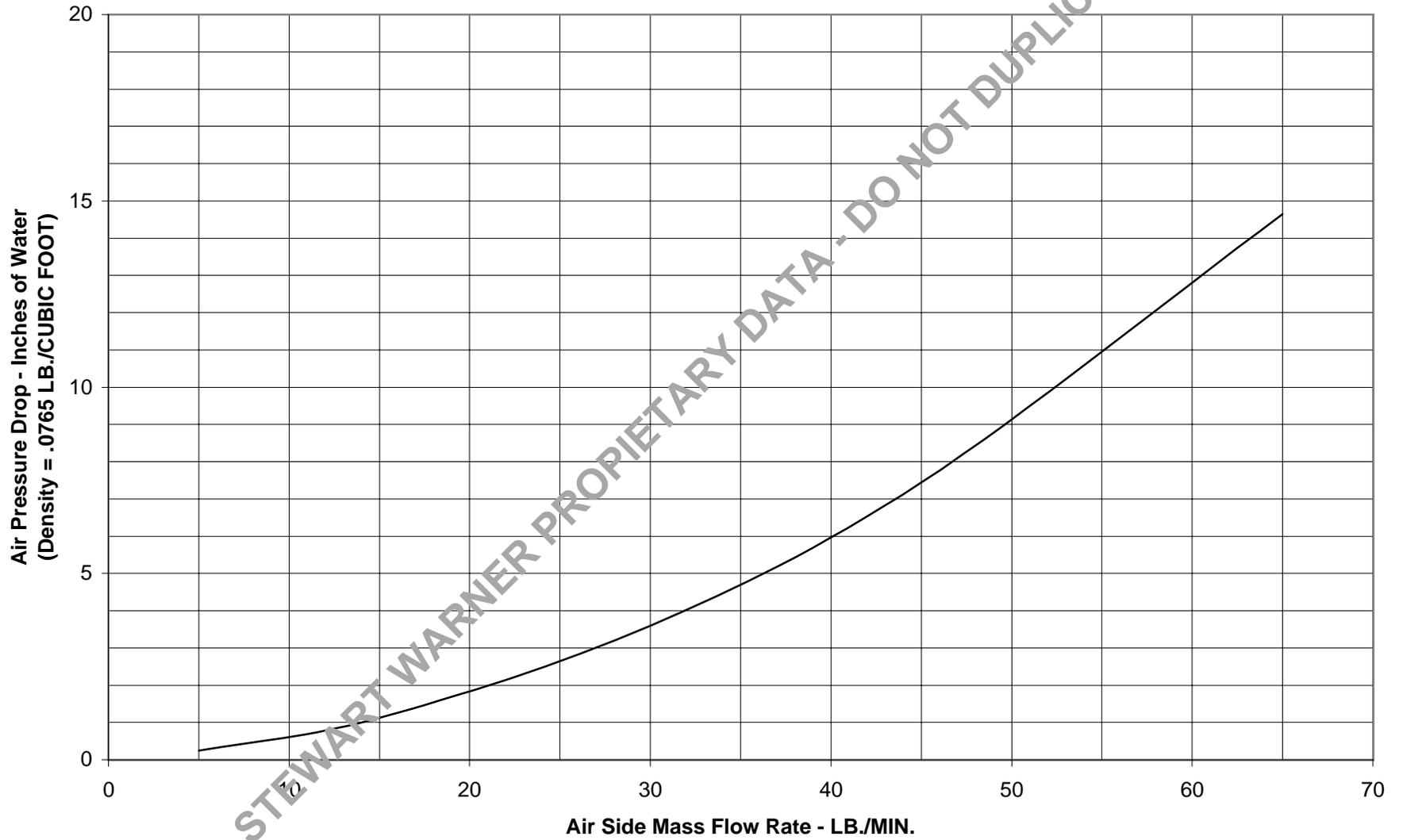
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE HEAT EXCHANGER OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10611S |
| SCALE | WT | SHEET |

Stewart Warner 10611S Calculated Heat Rejection

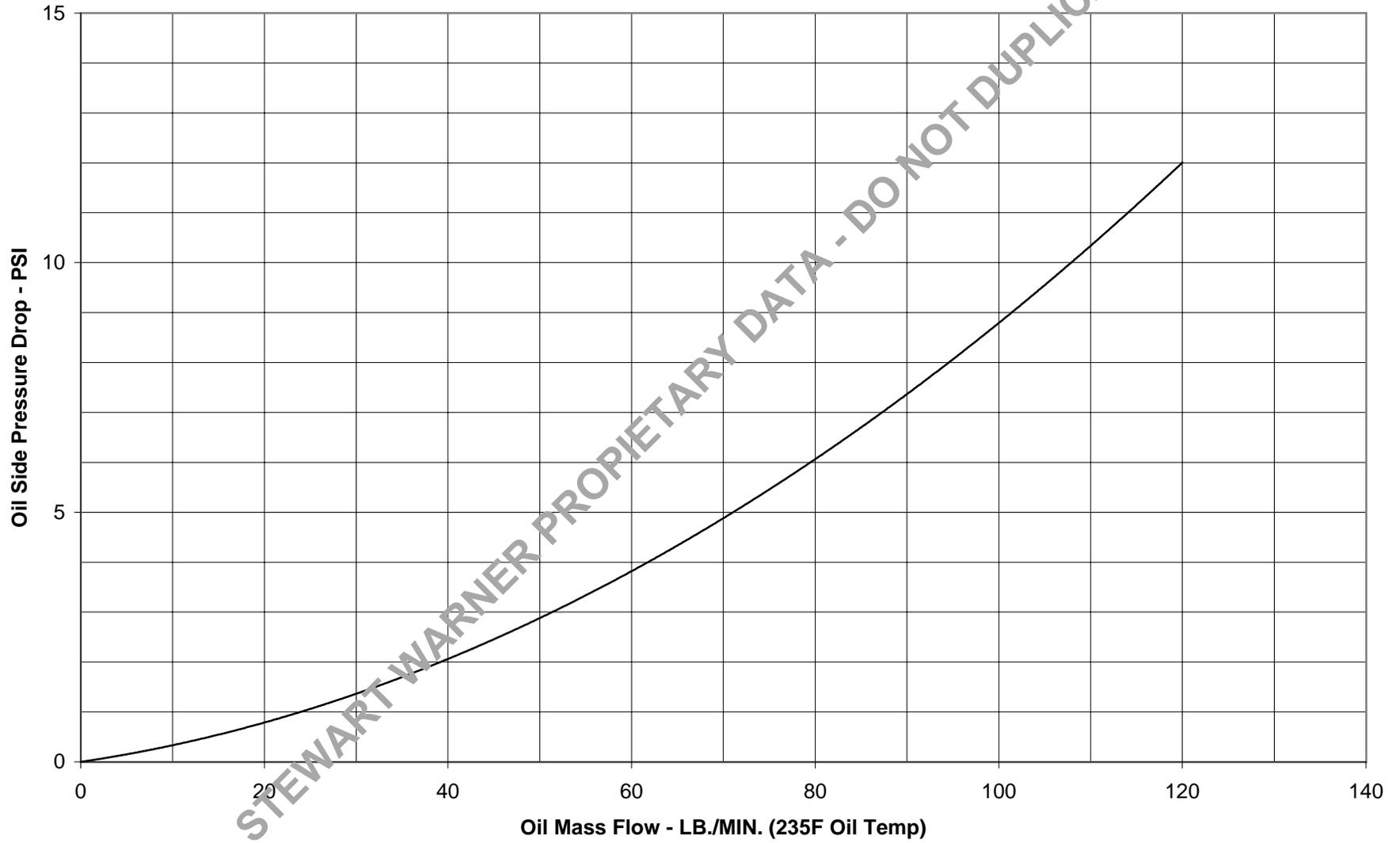


Stewart Warner 10611S Air Side Pressure Drop

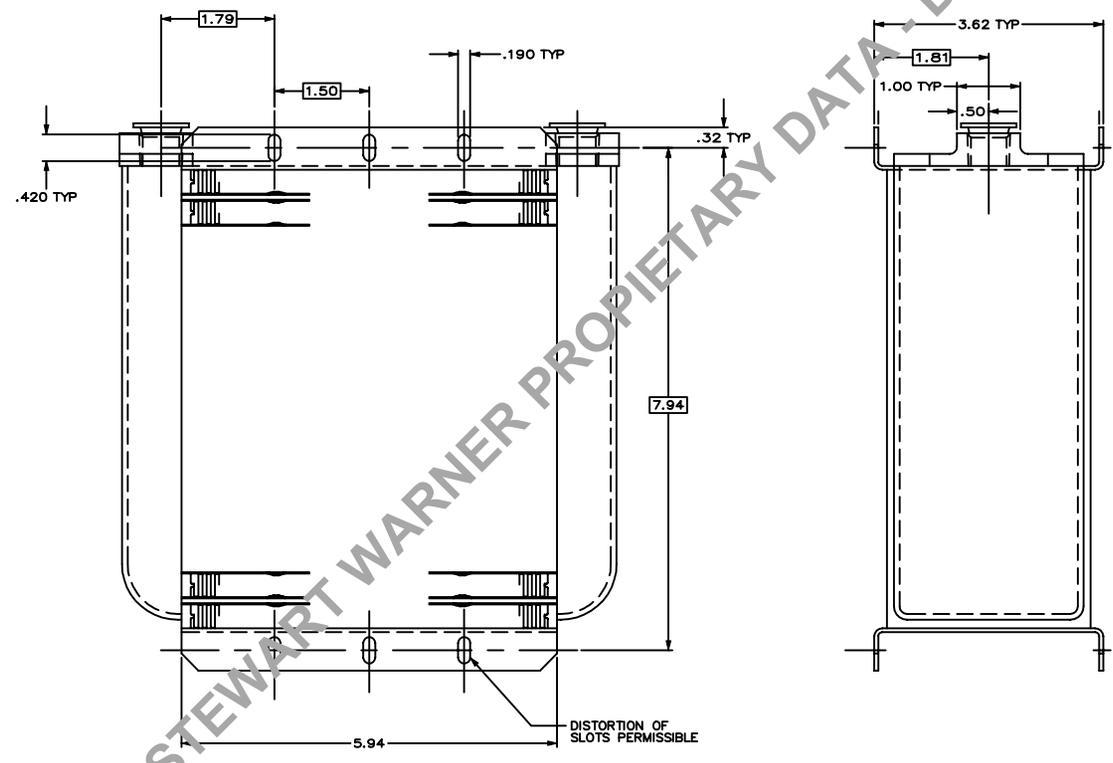
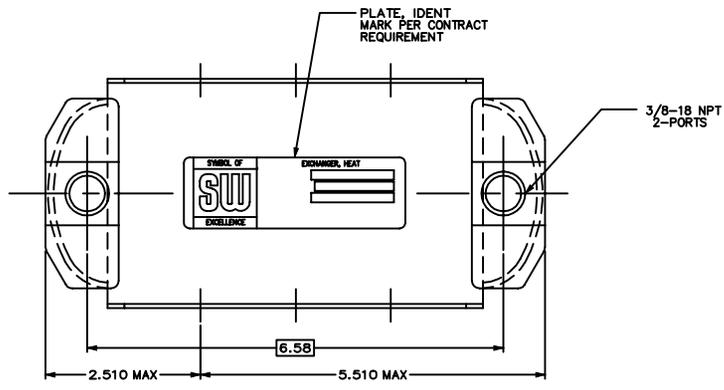


STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

Stewart Warner 10611S Oil Side Pressure Drop



8 7 6 5 4 3 2 1



| | | REVISIONS | | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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10614R

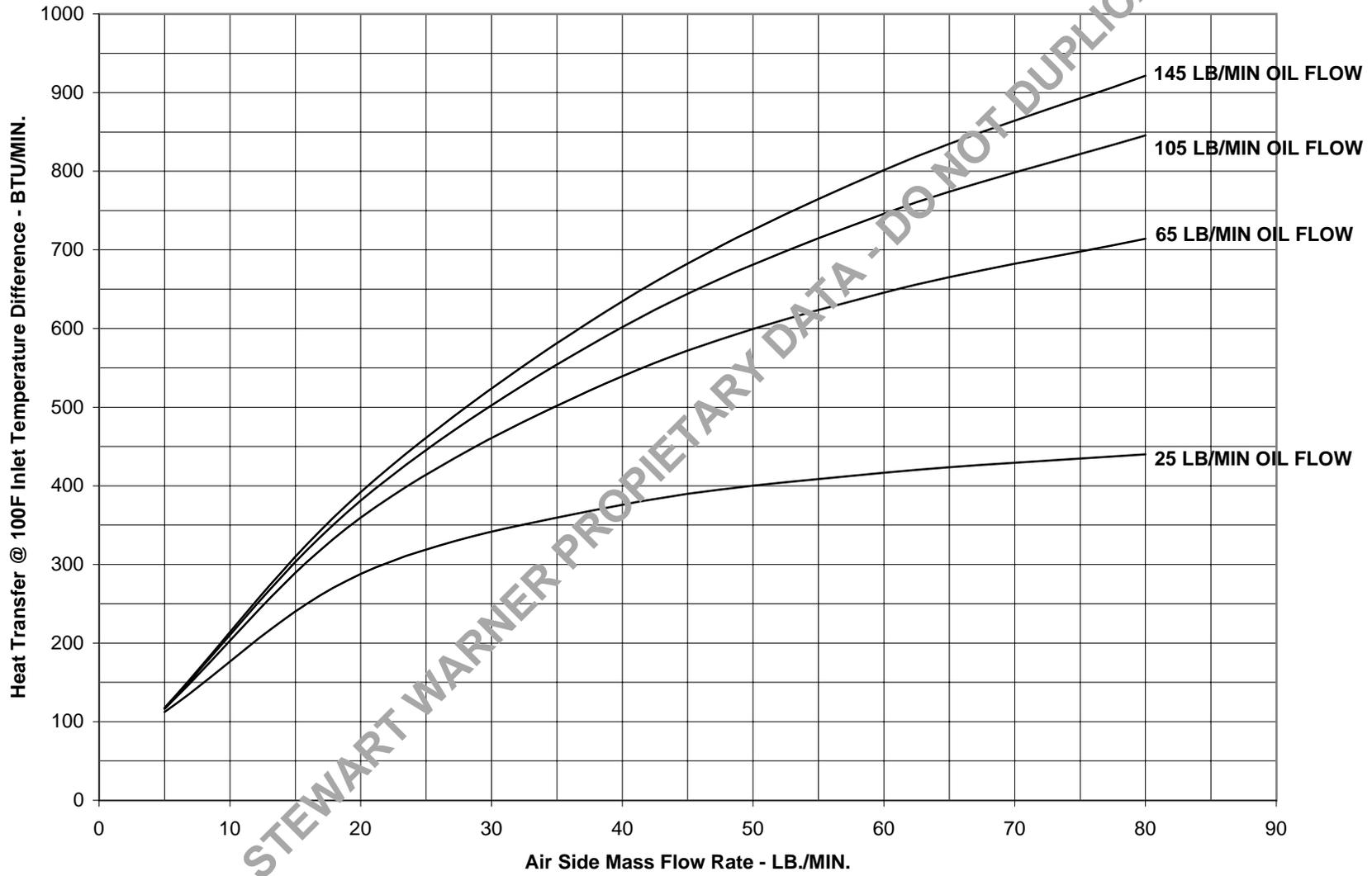
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| TITLE HEAT EXCHANGER OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10614R | |
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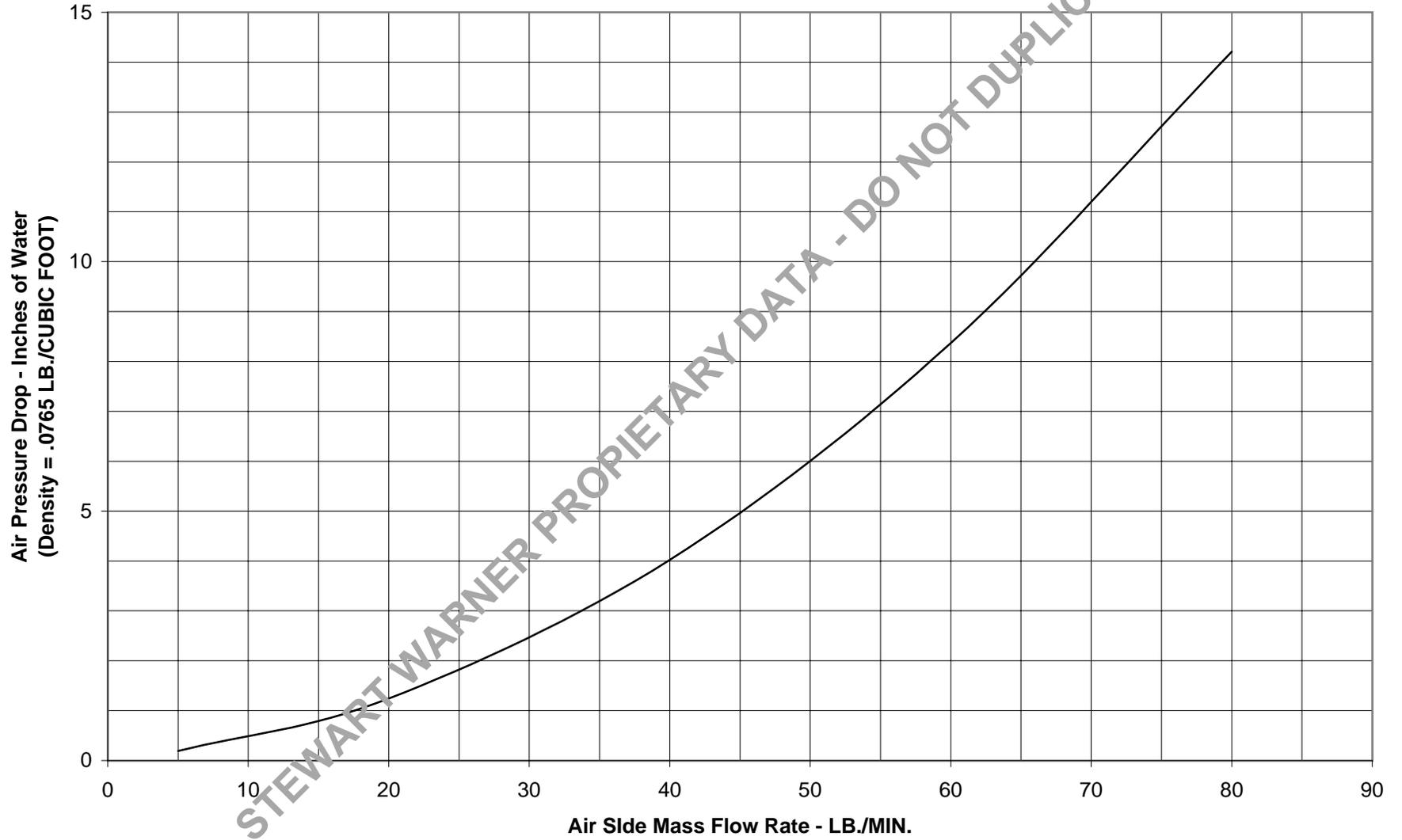
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FORM NO. 1453 REV. 12-80 8 7 6 5 4 3 2 1

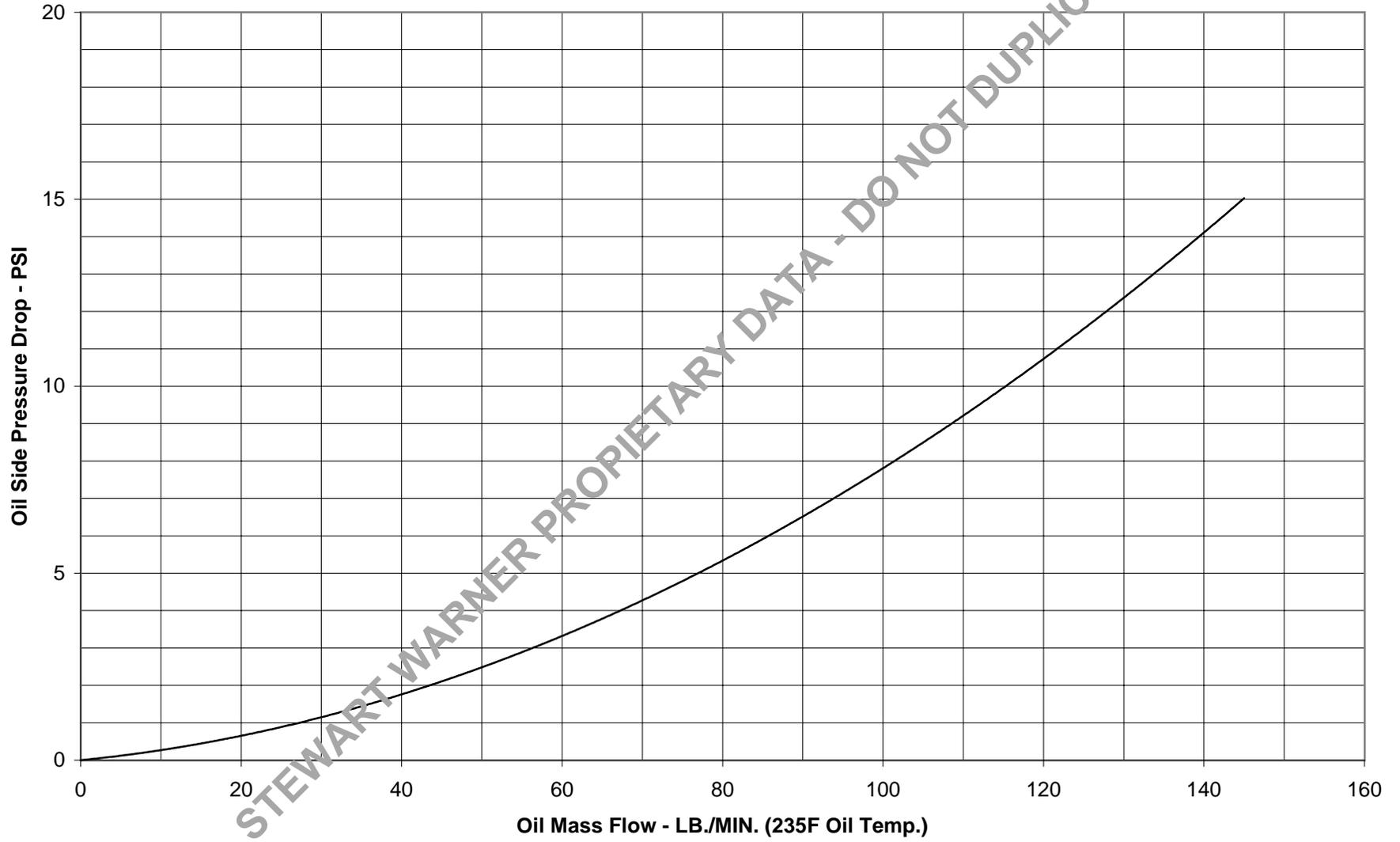
Stewart Warner 10614R Calculated Heat Rejection



Stewart Warner 10614R Air Side Pressure Drop

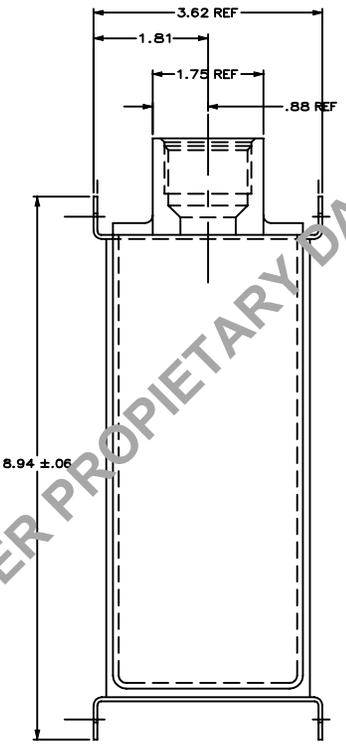
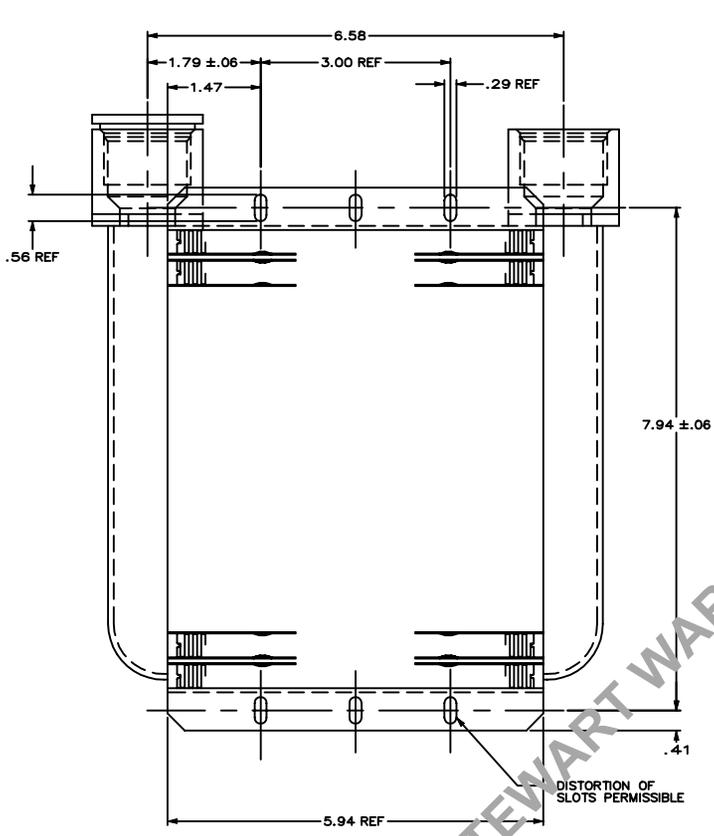
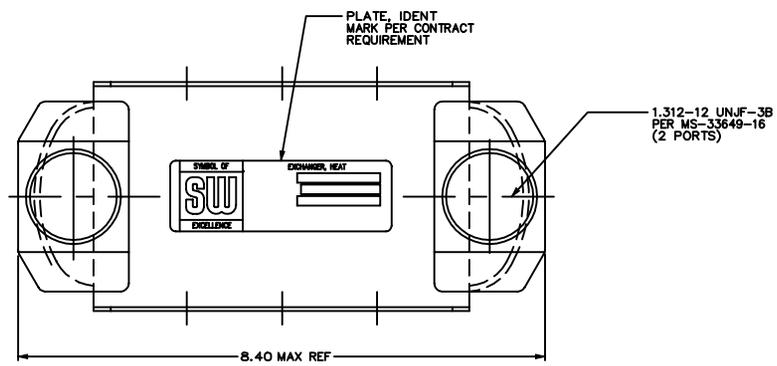


Stewart Warner 10614R Oil Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

| | | REVISIONS | | | |
|------|-----|-------------|------|----------|--|
| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

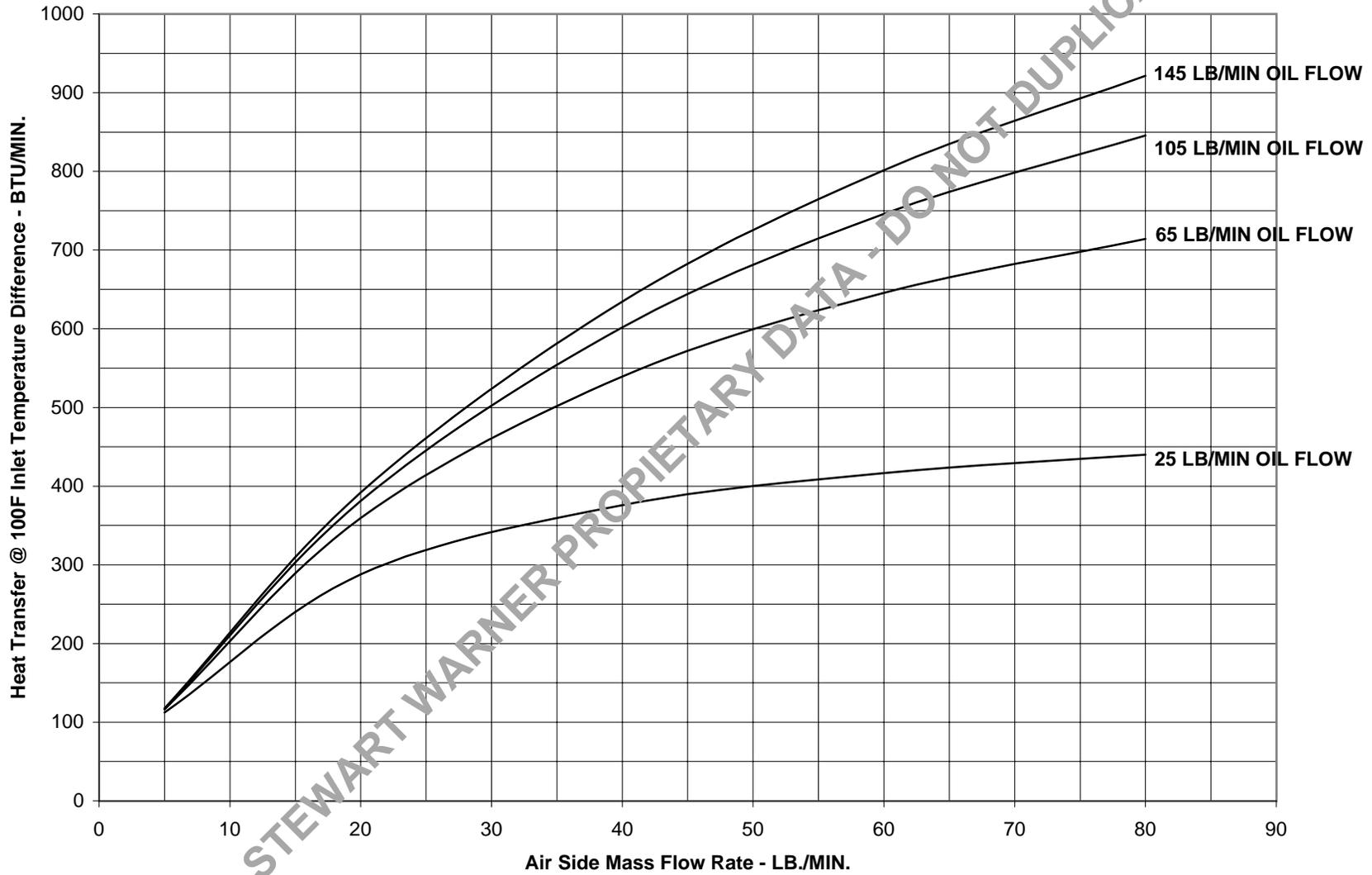
10614S

THIS DRAWING IS PREPARED IN ACCORDANCE WITH
 D20-200-100 ENGINEERING DRAWING PRACTICES AND
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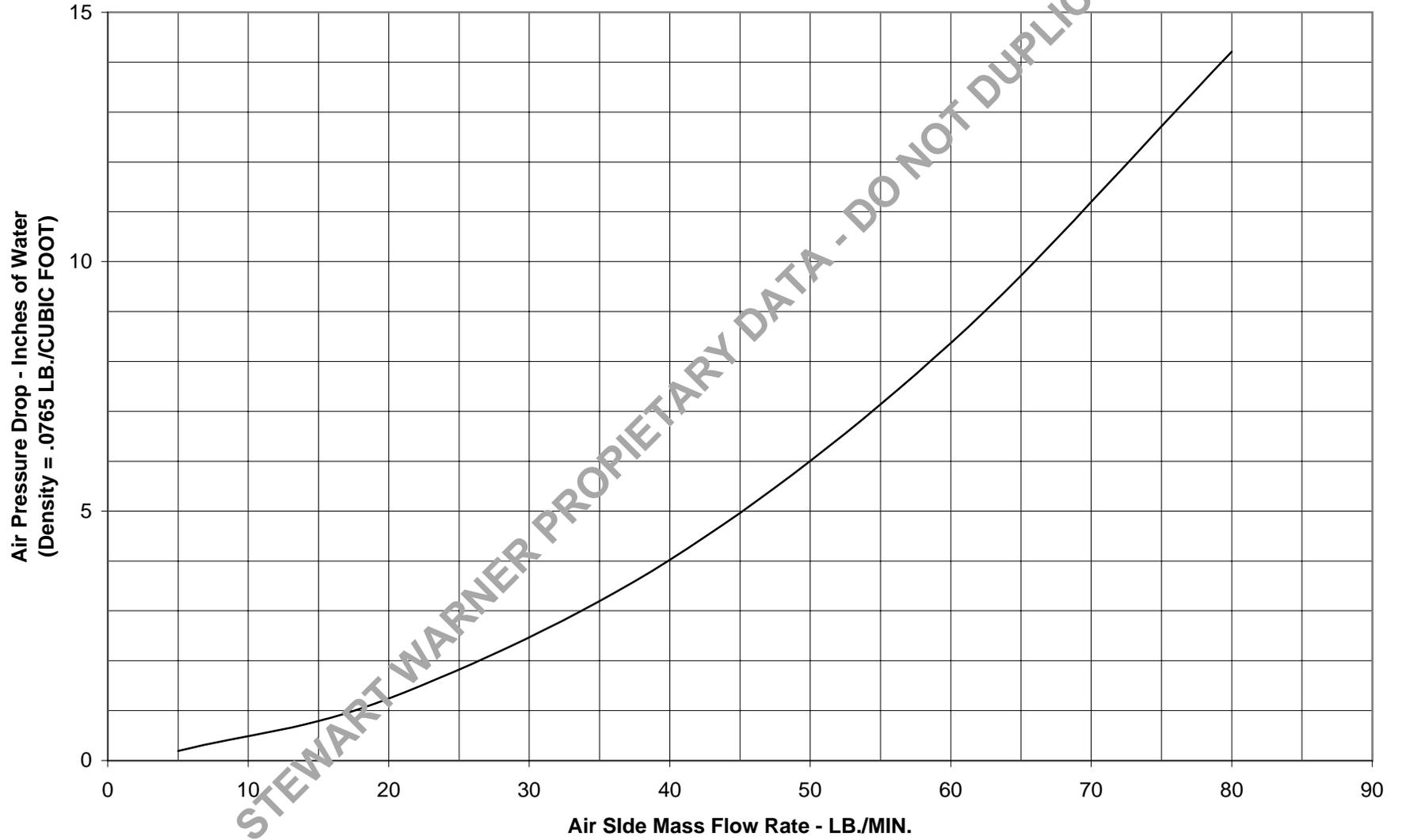
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| | | | |
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | | |
| TITLE HEAT EXCHANGER OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10614S | |
| SCALE | WT | SHEET | |

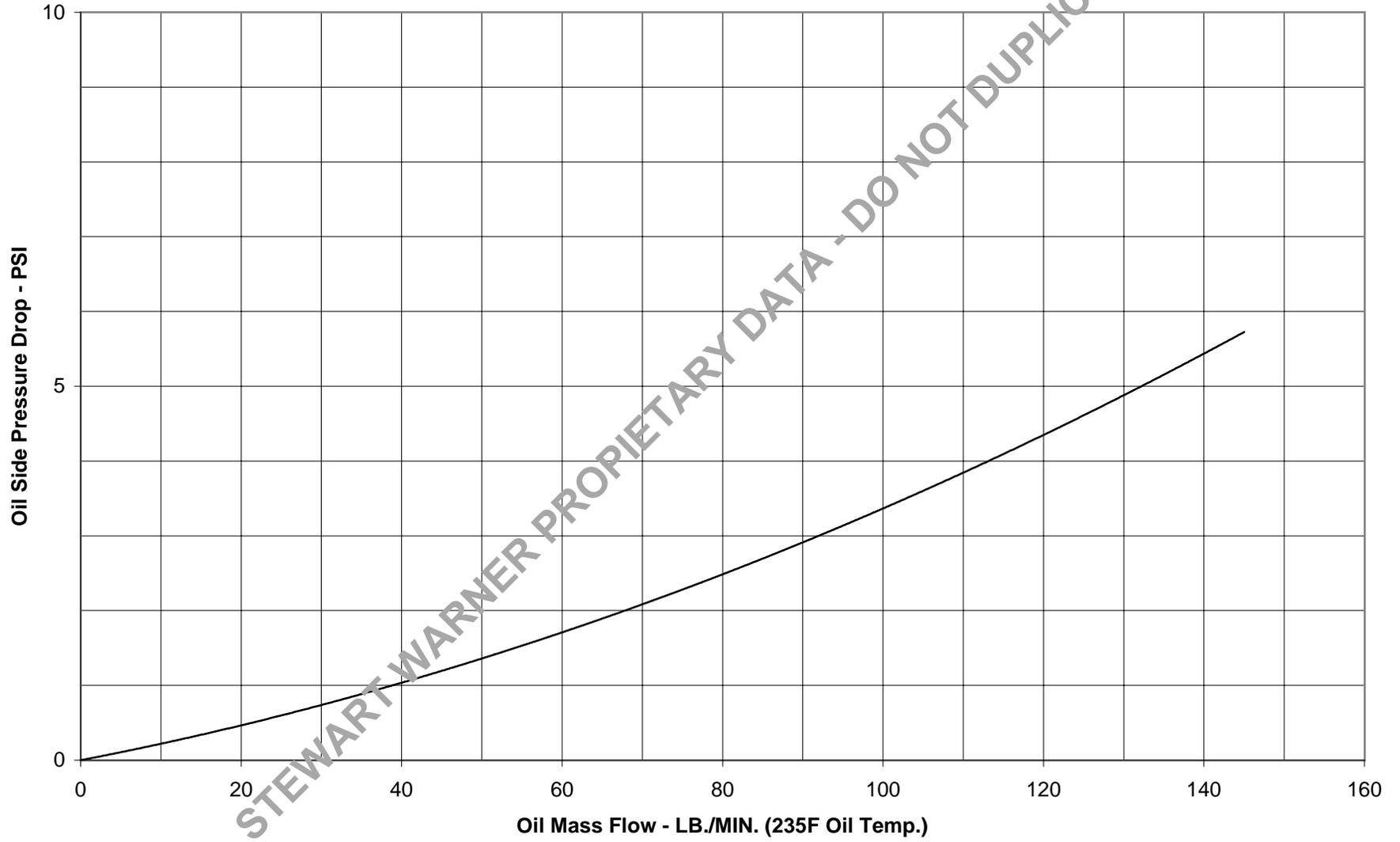
Stewart Warner 10614S Calculated Heat Rejection



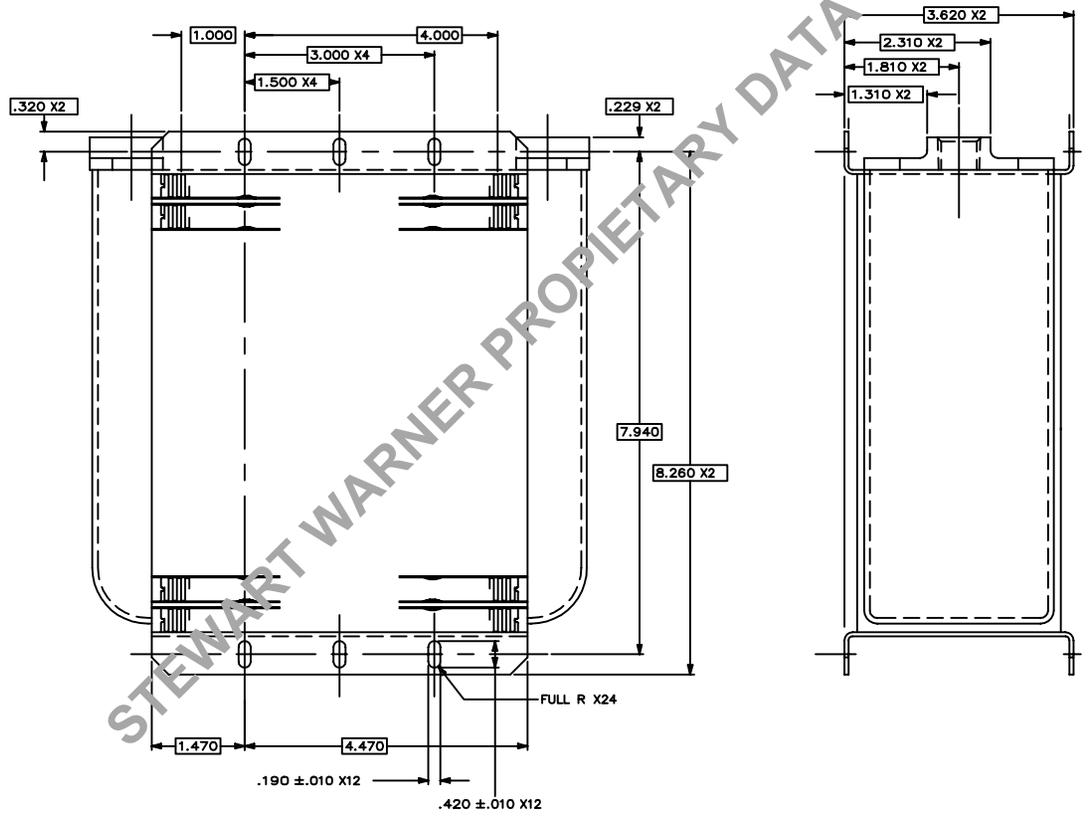
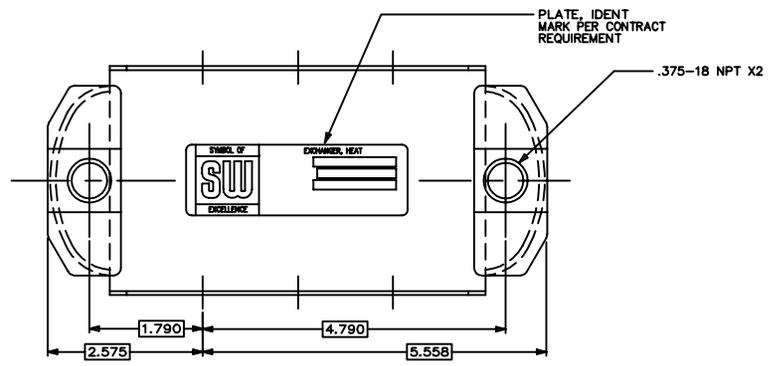
Stewart Warner 10614S Air Side Pressure Drop



Stewart Warner 10614S Oil Side Pressure Drop



8 7 6 5 4 3 2 1



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10614T

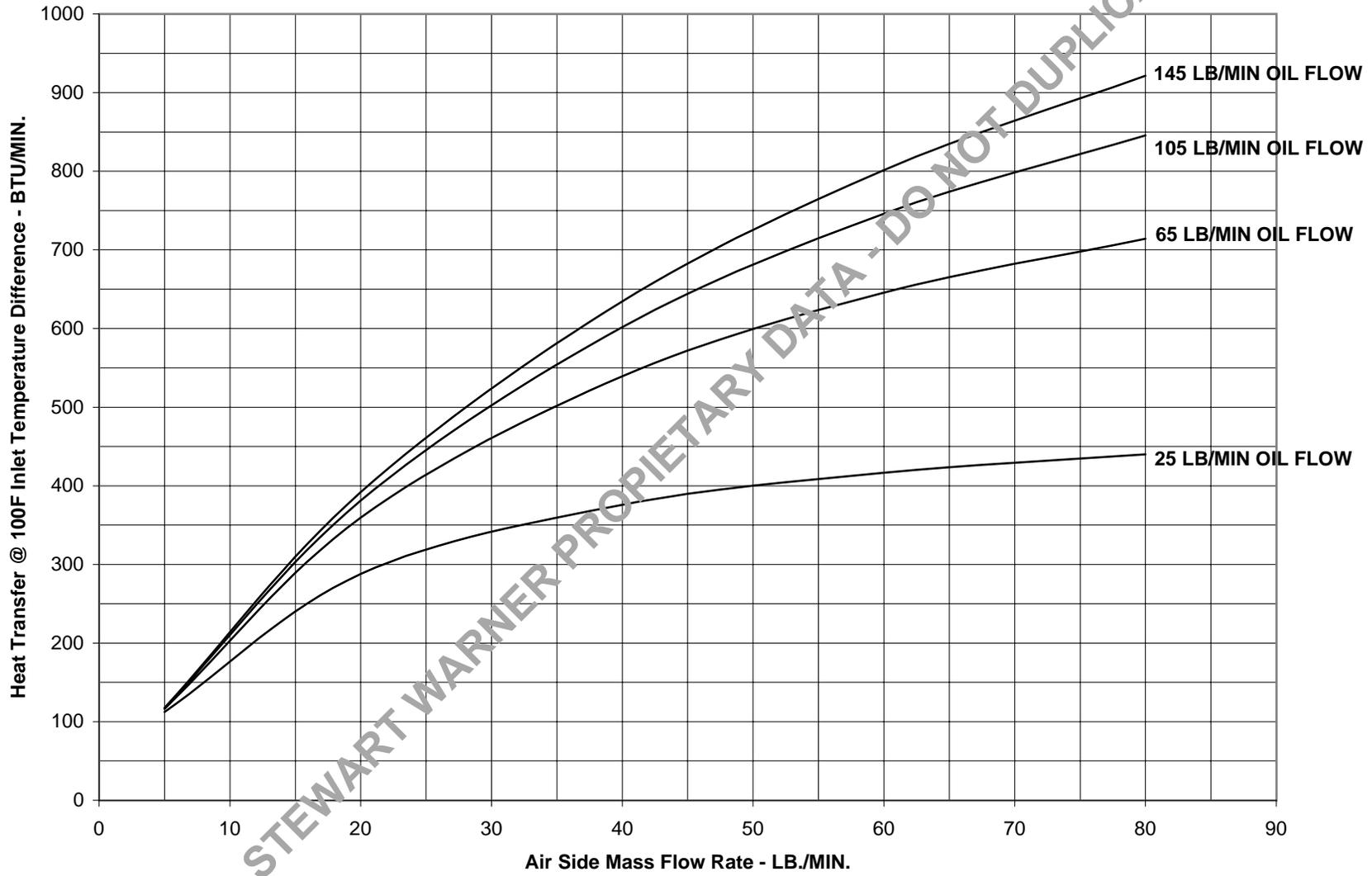
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10614T |
| SCALE | WT | SHEET |

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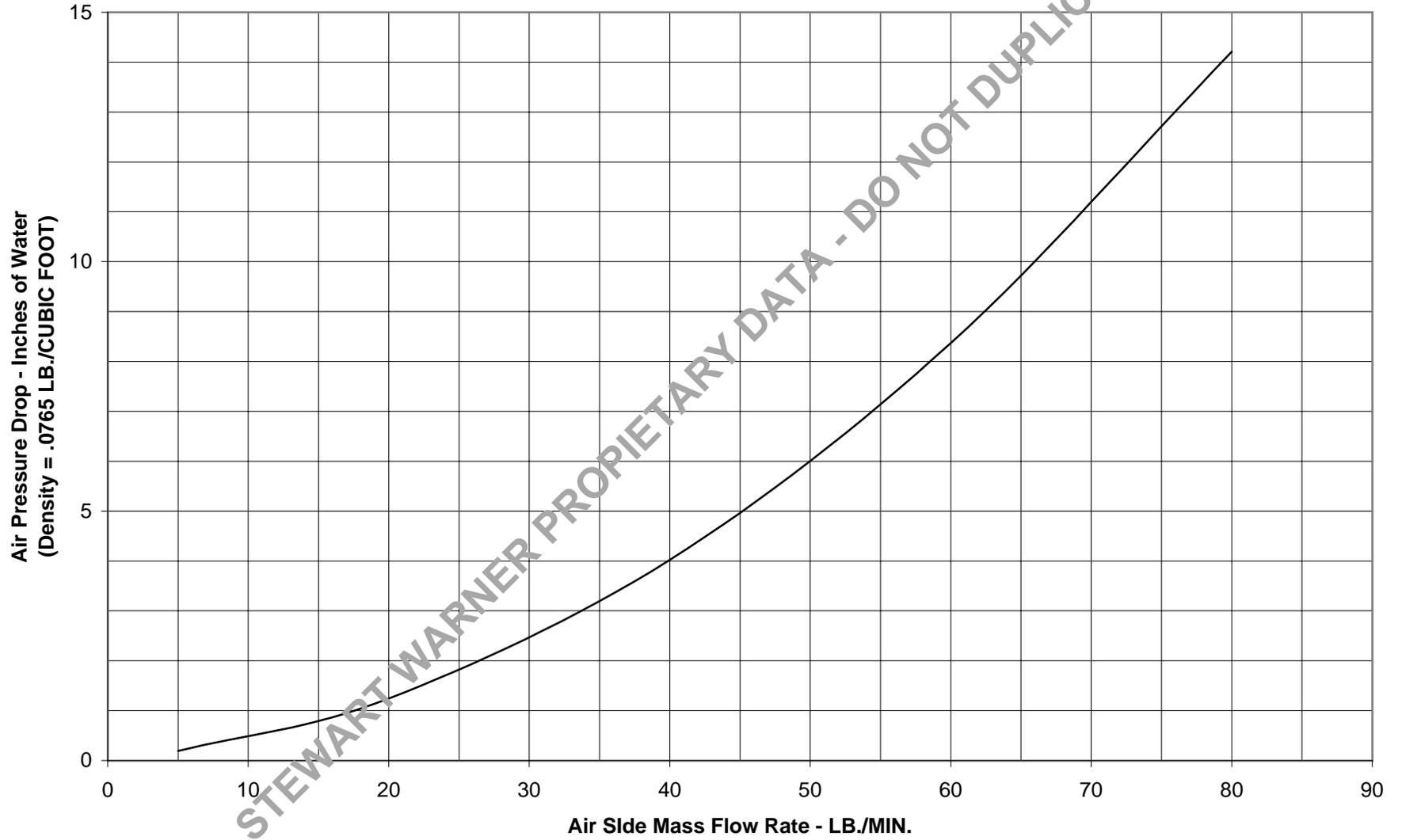
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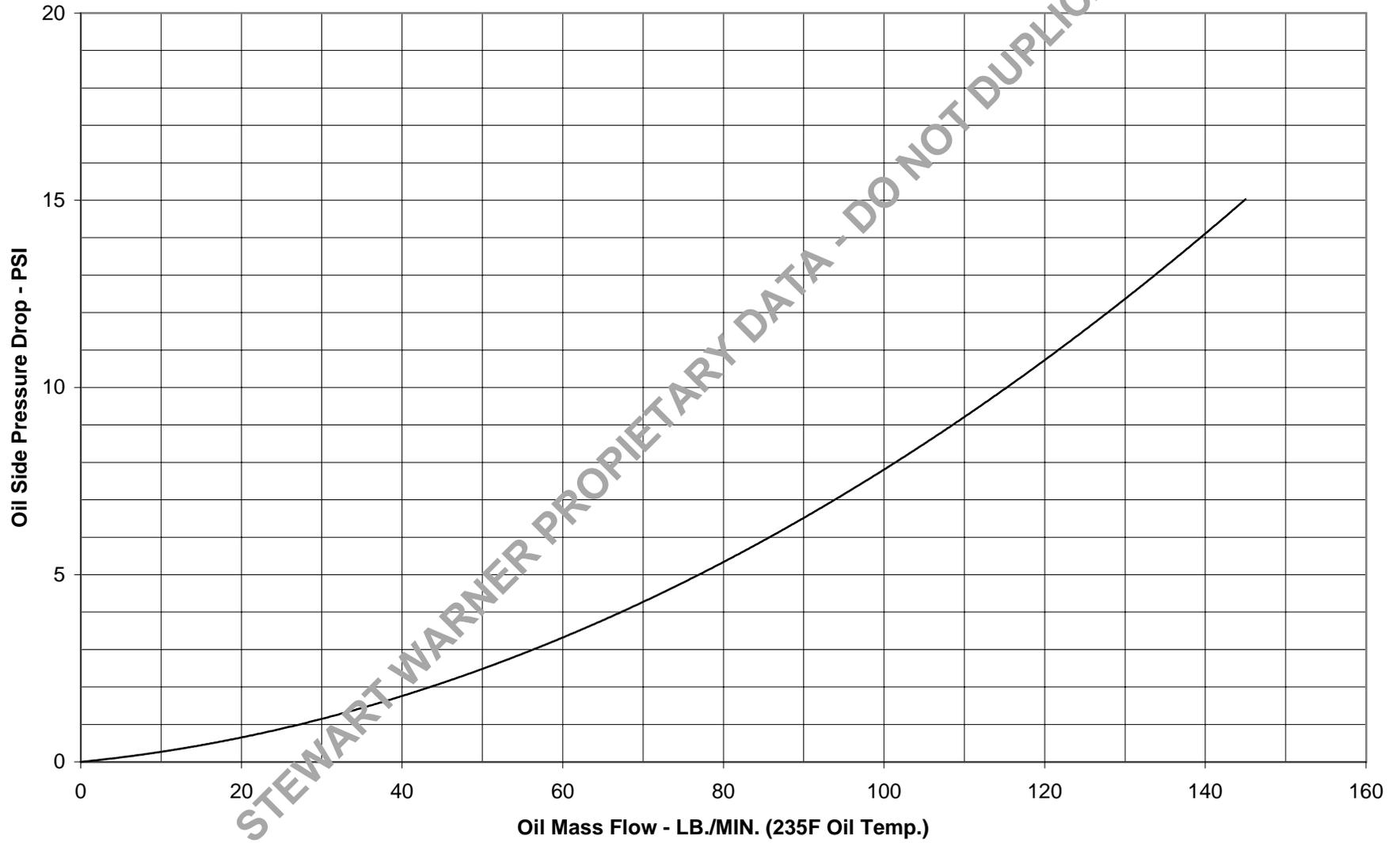
Stewart Warner 10614T Calculated Heat Rejection



Stewart Warner 10614T Air Side Pressure Drop



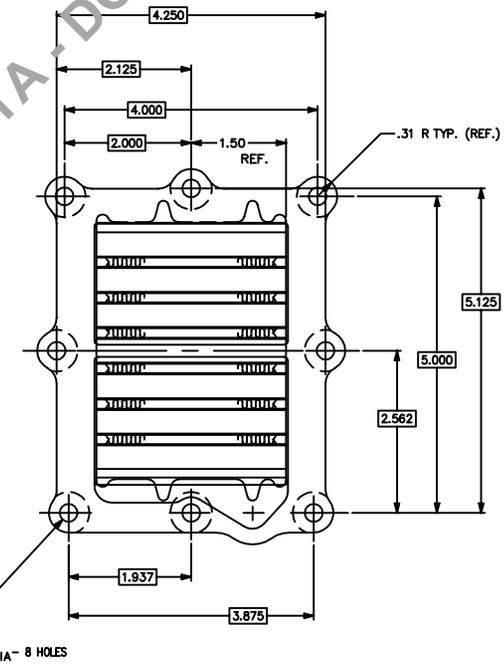
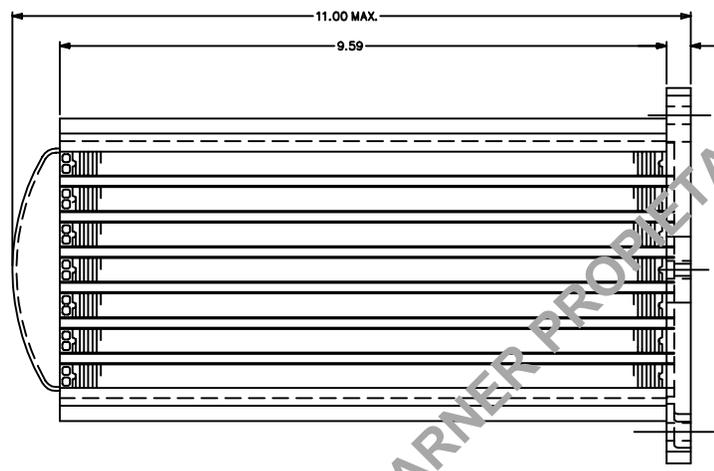
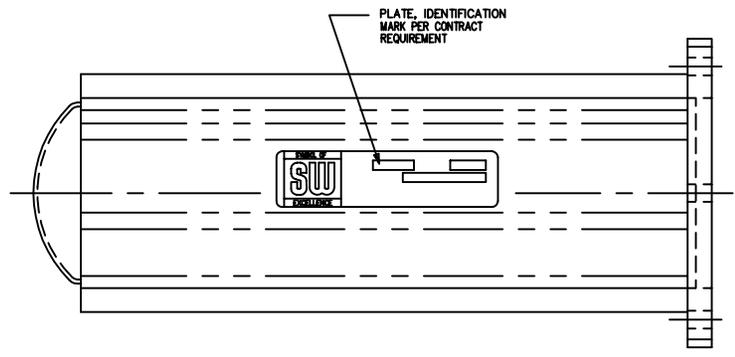
Stewart Warner 10614T Oil Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

8 7 6 5 4 3 2 1

| | | REVISIONS | | | |
|------|-----|-------------|------|----------|--|
| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
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10639B

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

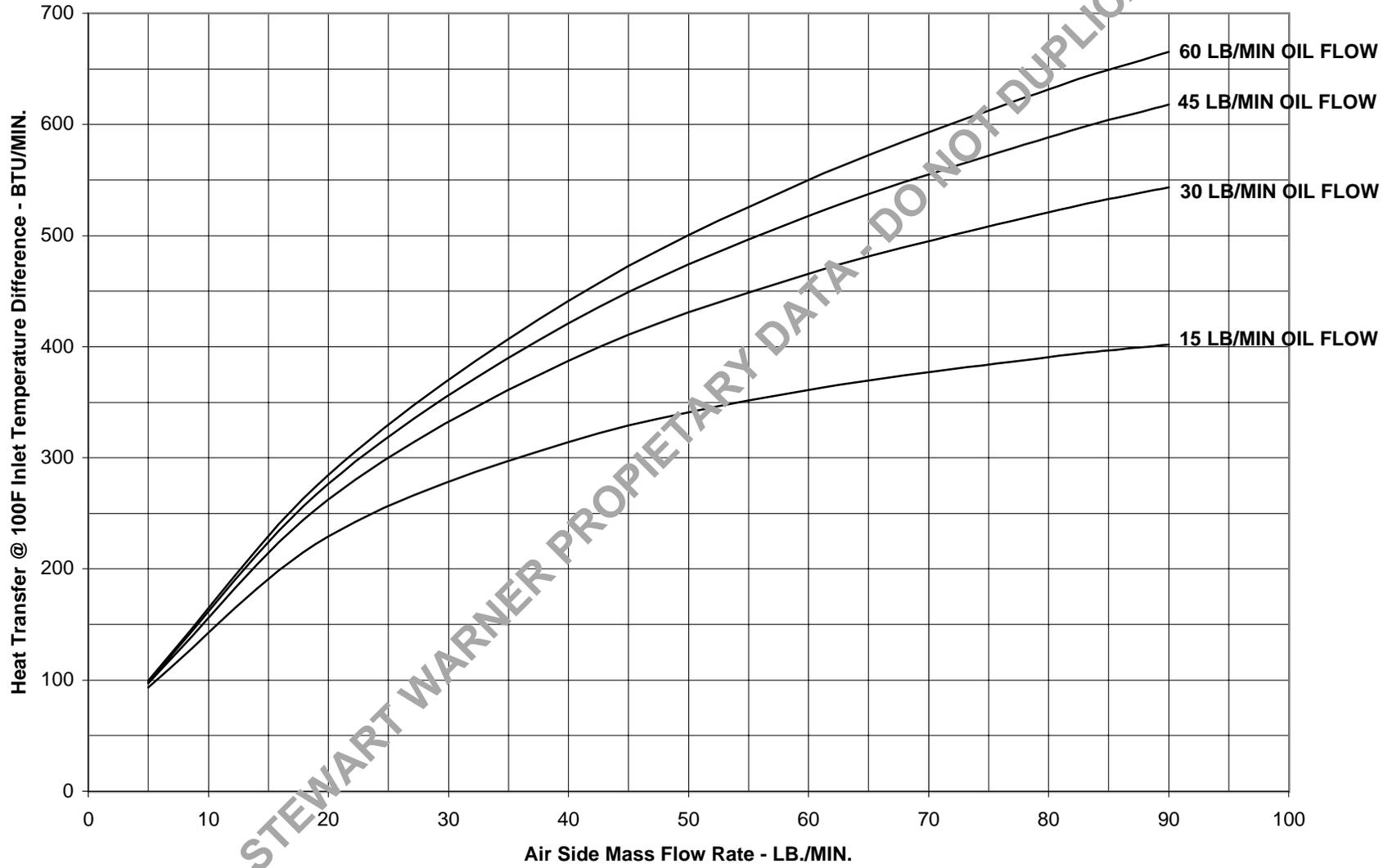
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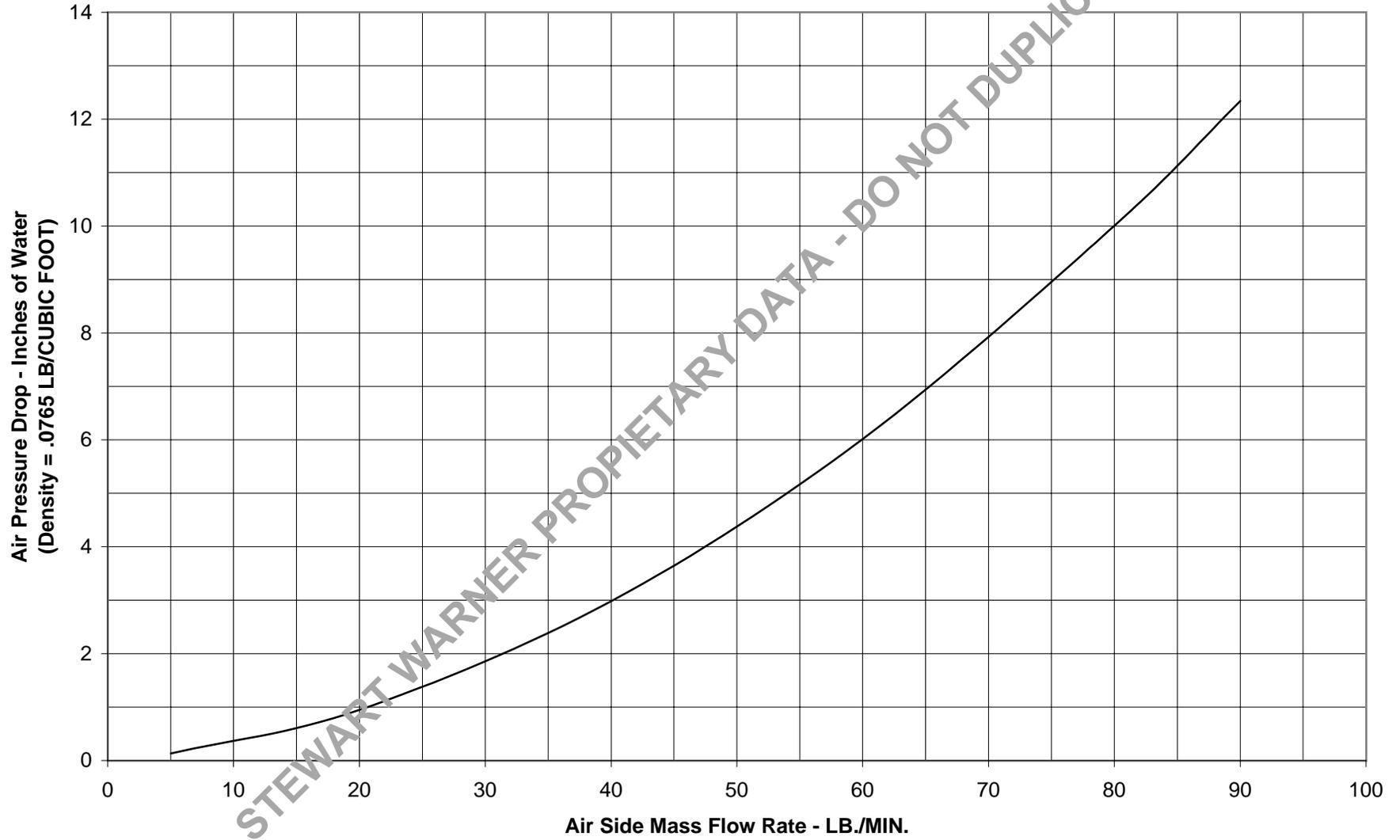
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|--|-------------------|-------------------|
| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10639B |
| SCALE | WT | SHEET |

FORM NO. 1453 REV. 12-99 8 7 6 5 4 3 2 1

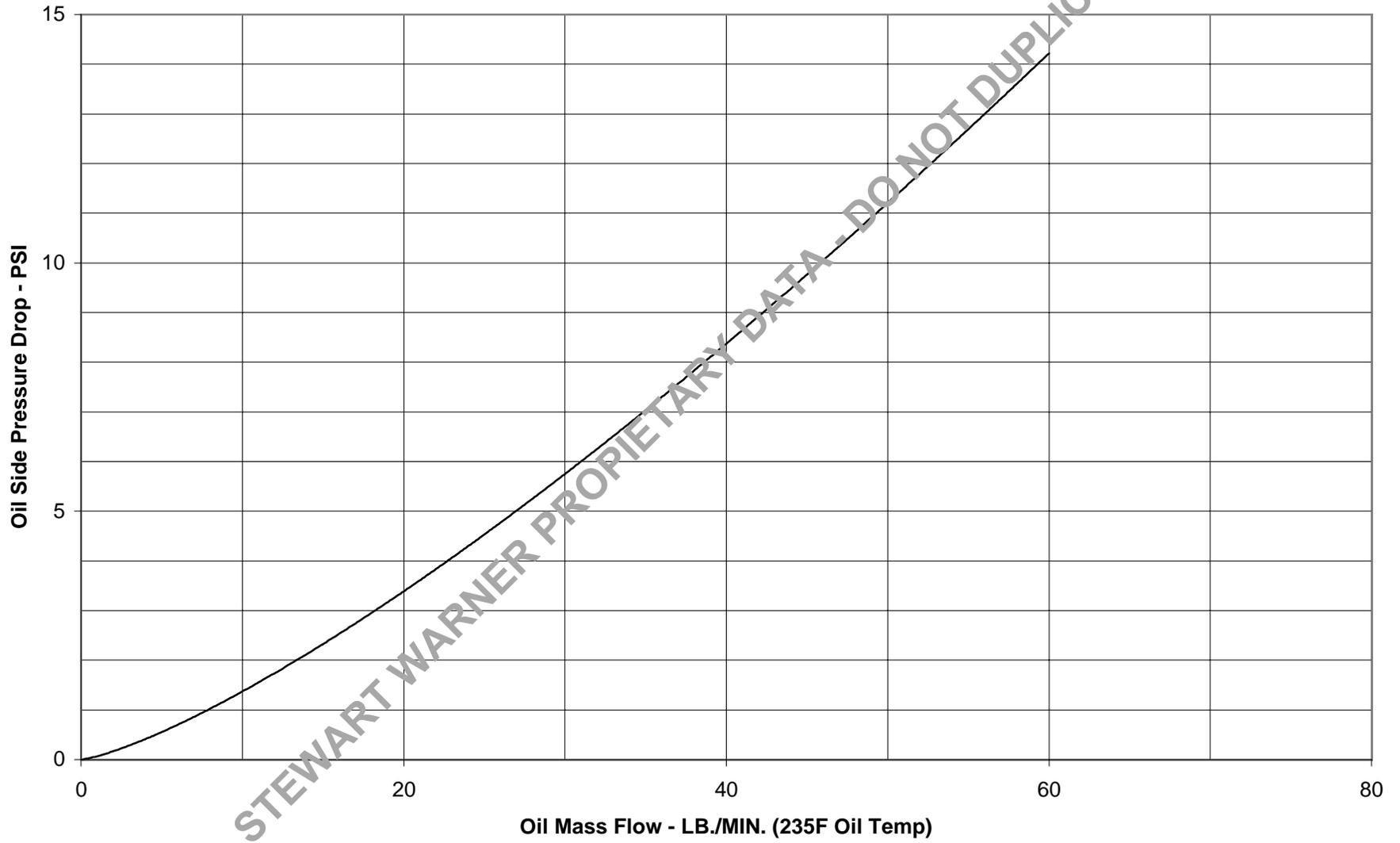
Stewart Warner 10639B Calculated Heat Rejection



Stewart Warner 10639B Air Side Pressure Drop

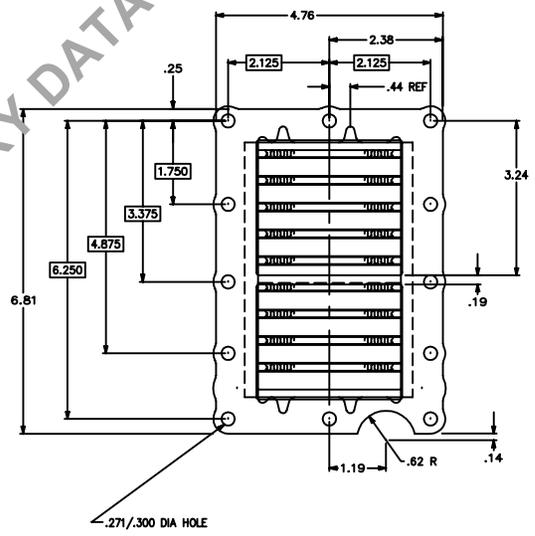
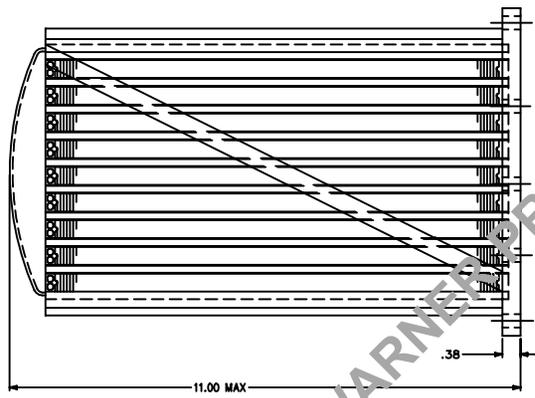
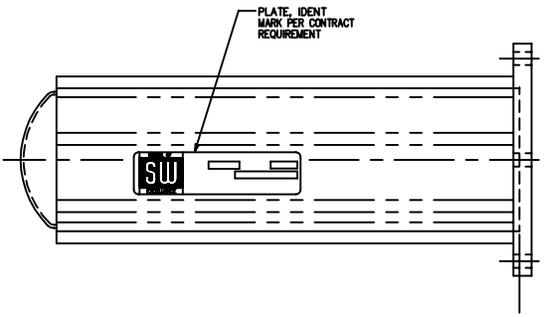


Stewart Warner 10639B Oil Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

| REV | | DESCRIPTION | DATE | APPROVED |
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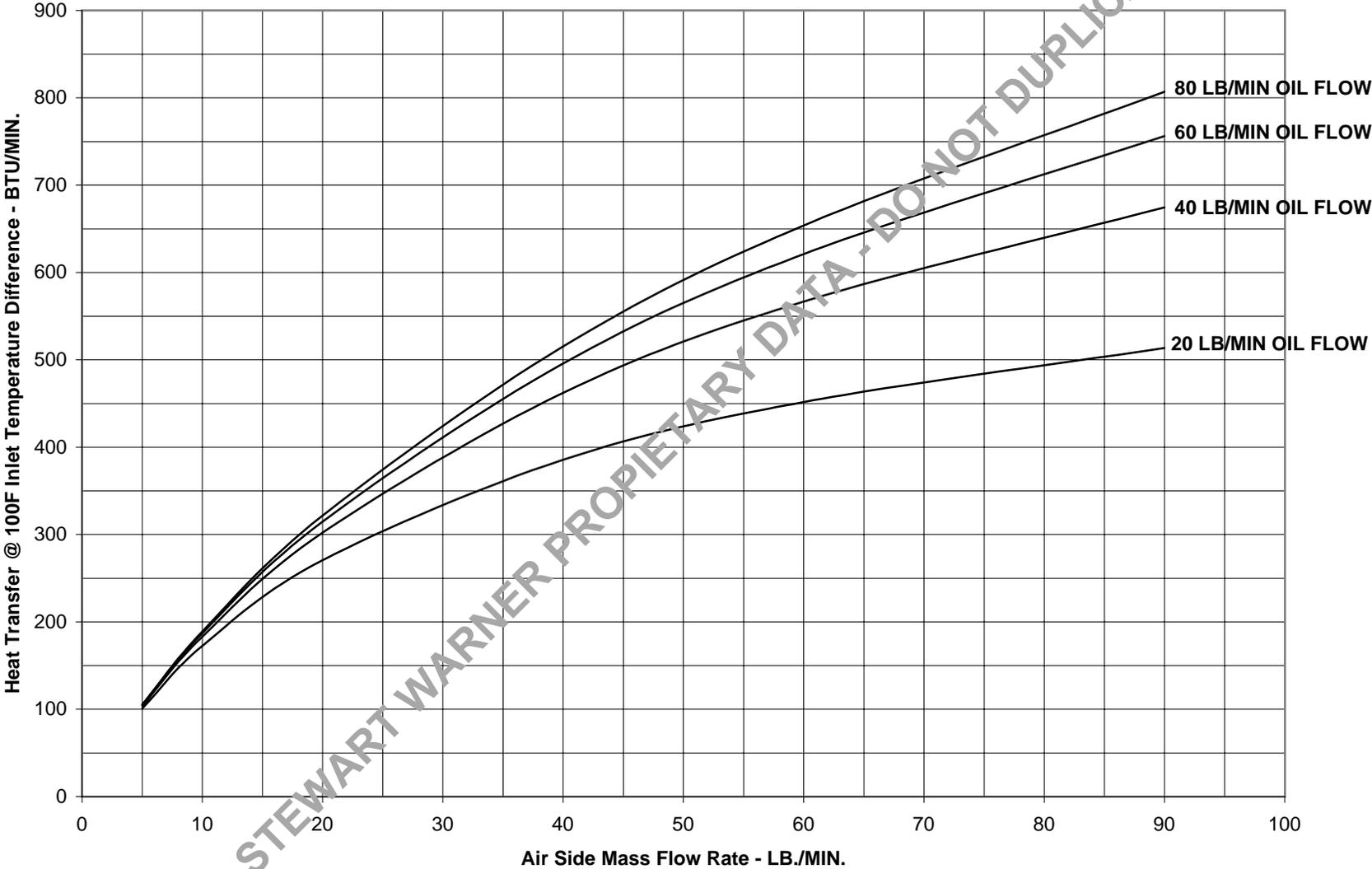
STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

10721A

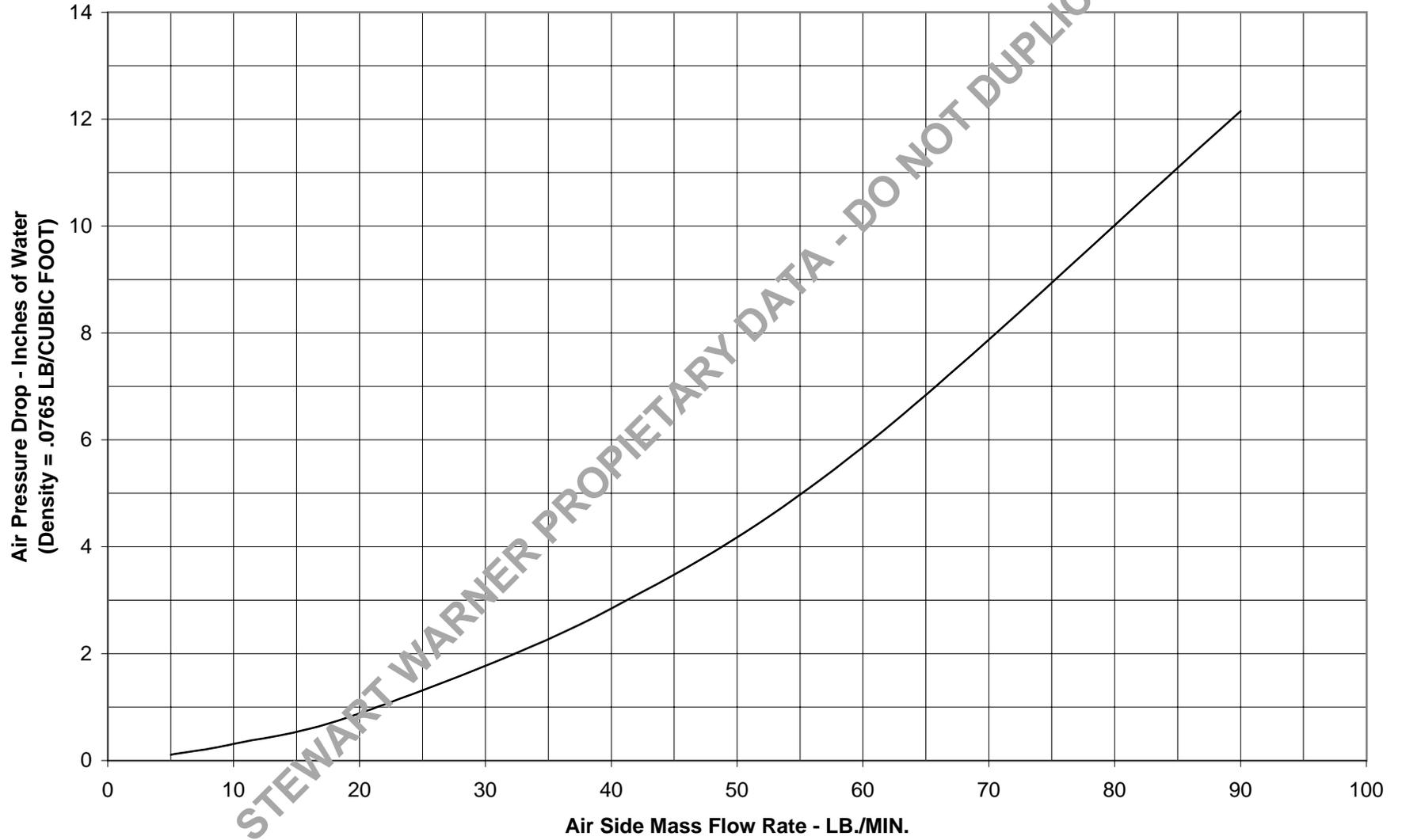
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| | | |
|--|-------------------|-------------------|
| STEWART WARNER SOUTH WIND CORPORATION MICHIGANVILLE, OHIO | | |
| TITLE OIL COOLER | | |
| SIZE E | CAGE NO. 78385 | REV NO. 10721A |
| SCALE | WT | SHEET |

Stewart Warner 10721A Calculated Heat Rejection

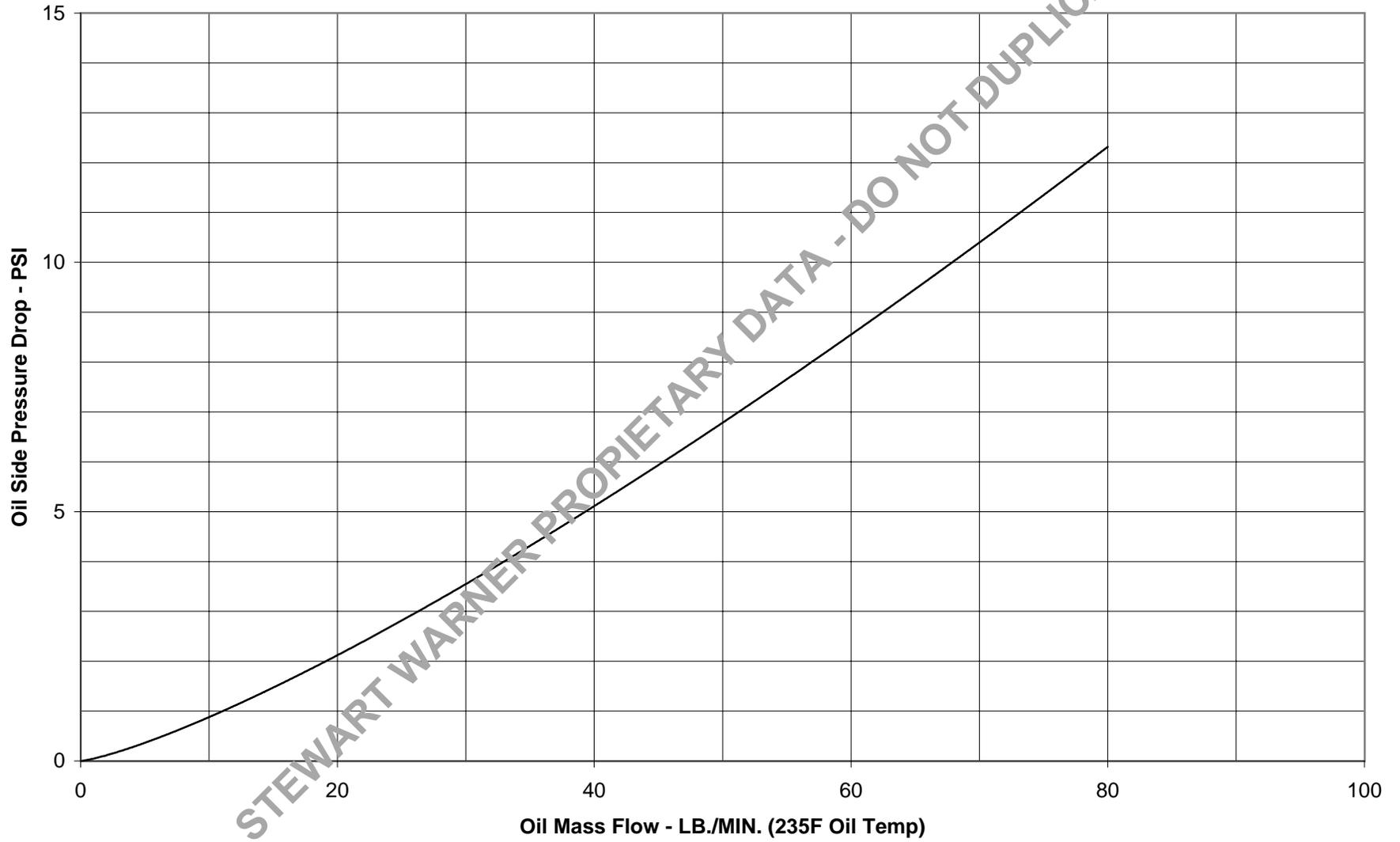


Stewart Warner 10721A Air Side Pressure Drop



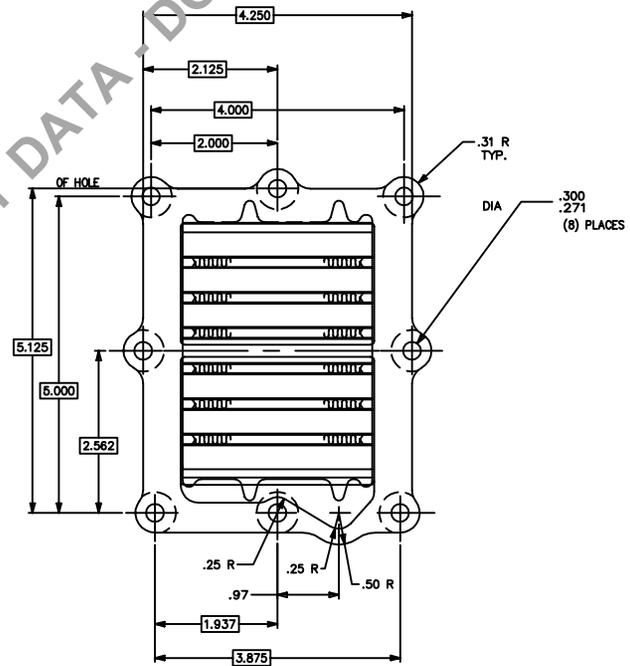
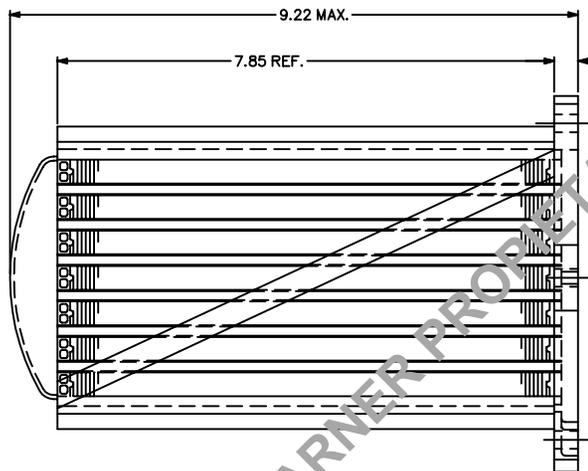
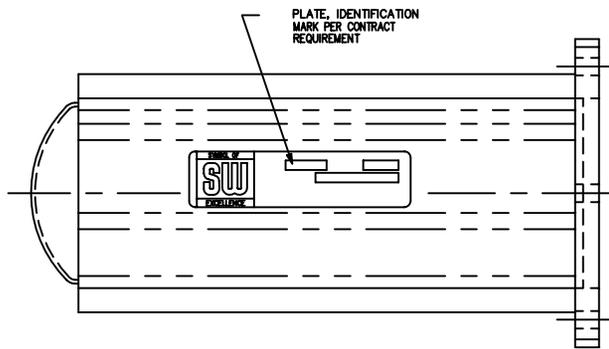
STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

Stewart Warner 10721A Oil Side Pressure Drop



8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

| | | REVISIONS | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED |
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10722A

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

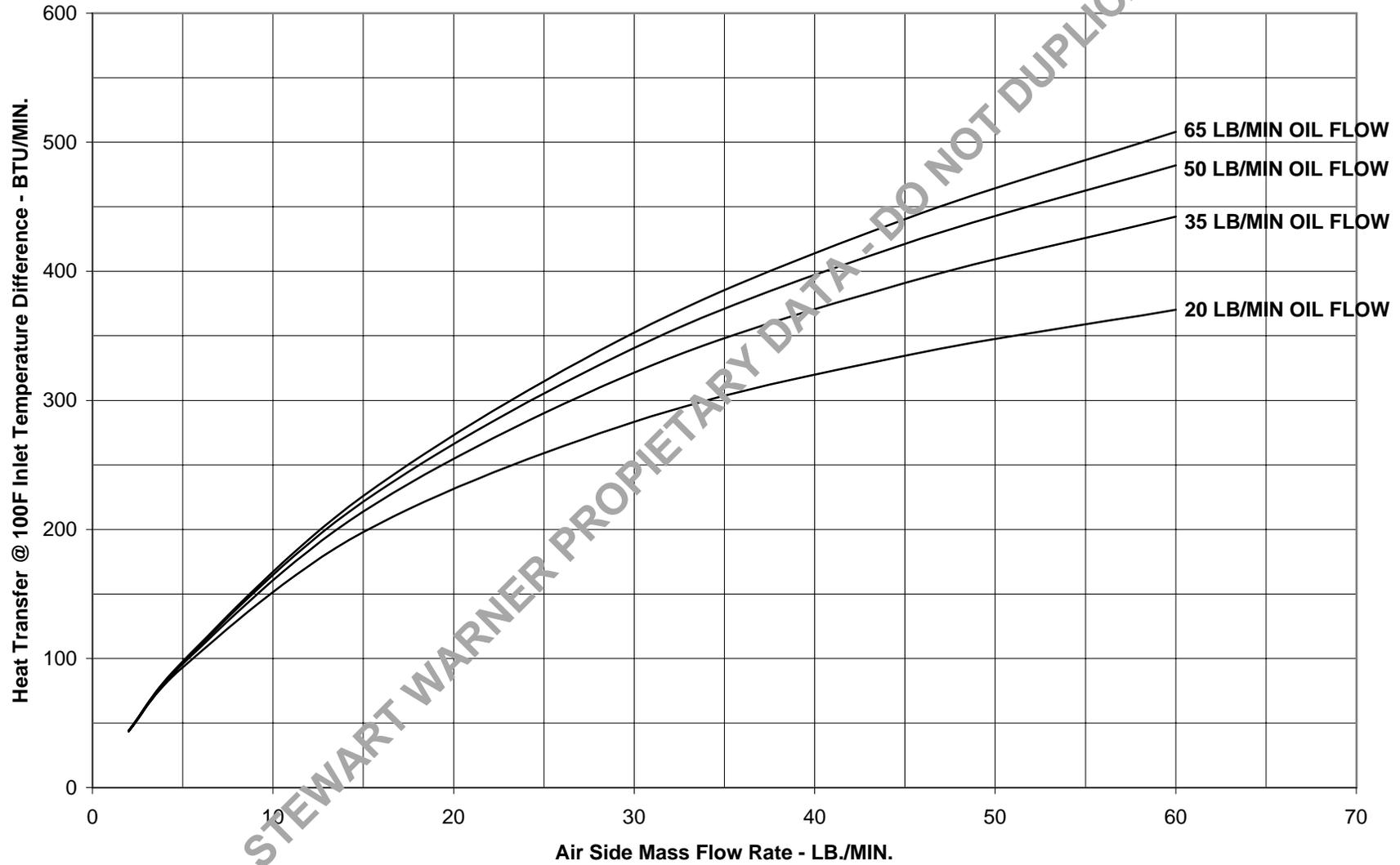
THIS DRAWING IS PREPARED IN ACCORDANCE WITH:
ANSI-SP45-1975 ENGINEERING DRAWING PRACTICES AND
ANSI-SP44-1975 DIMENSIONING AND TOLERANCING FOR
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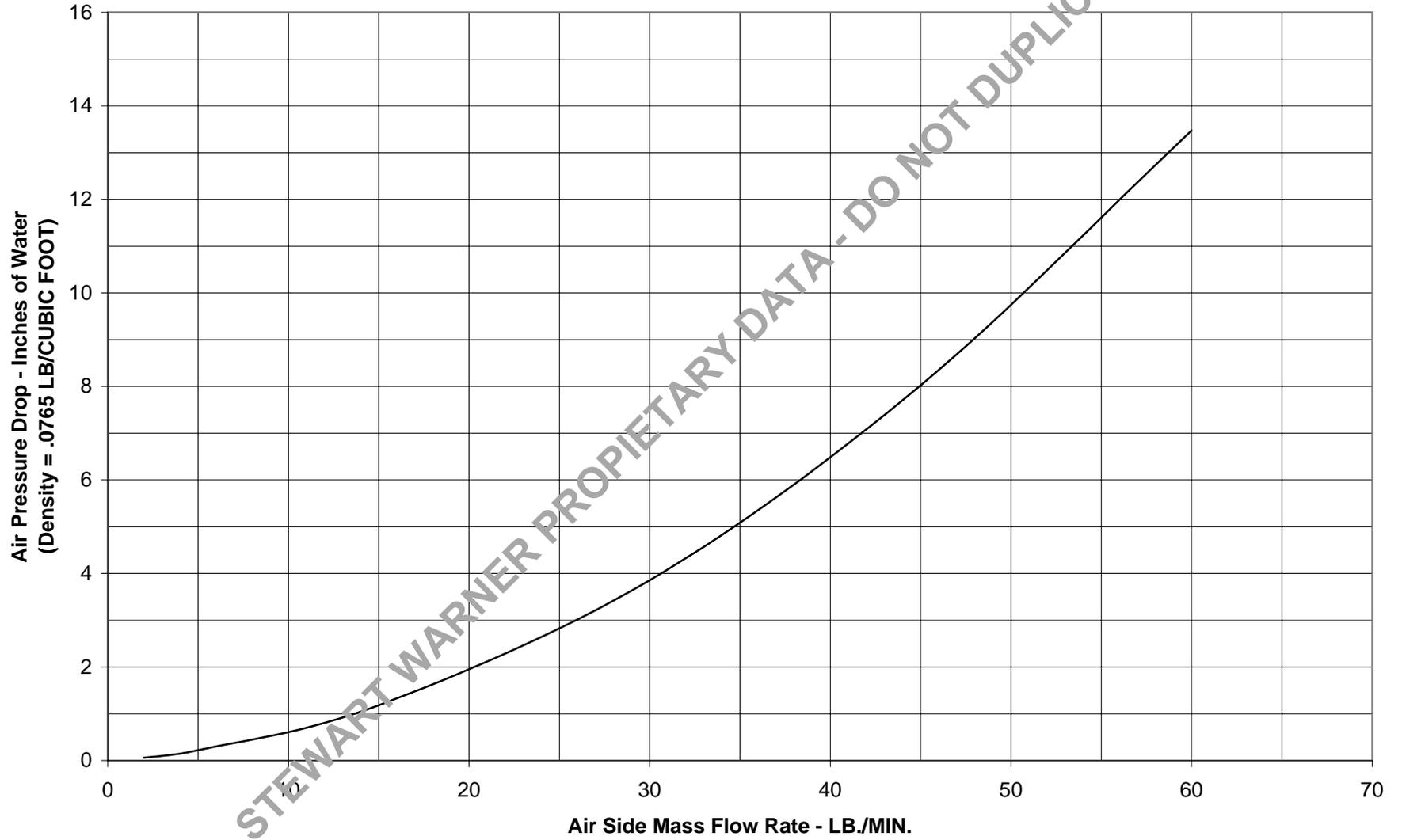
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|--|-------------------|-------------------|
| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10722A |
| SCALE | WT | SHEET |

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

Stewart Warner 10722A Calculated Heat Rejection

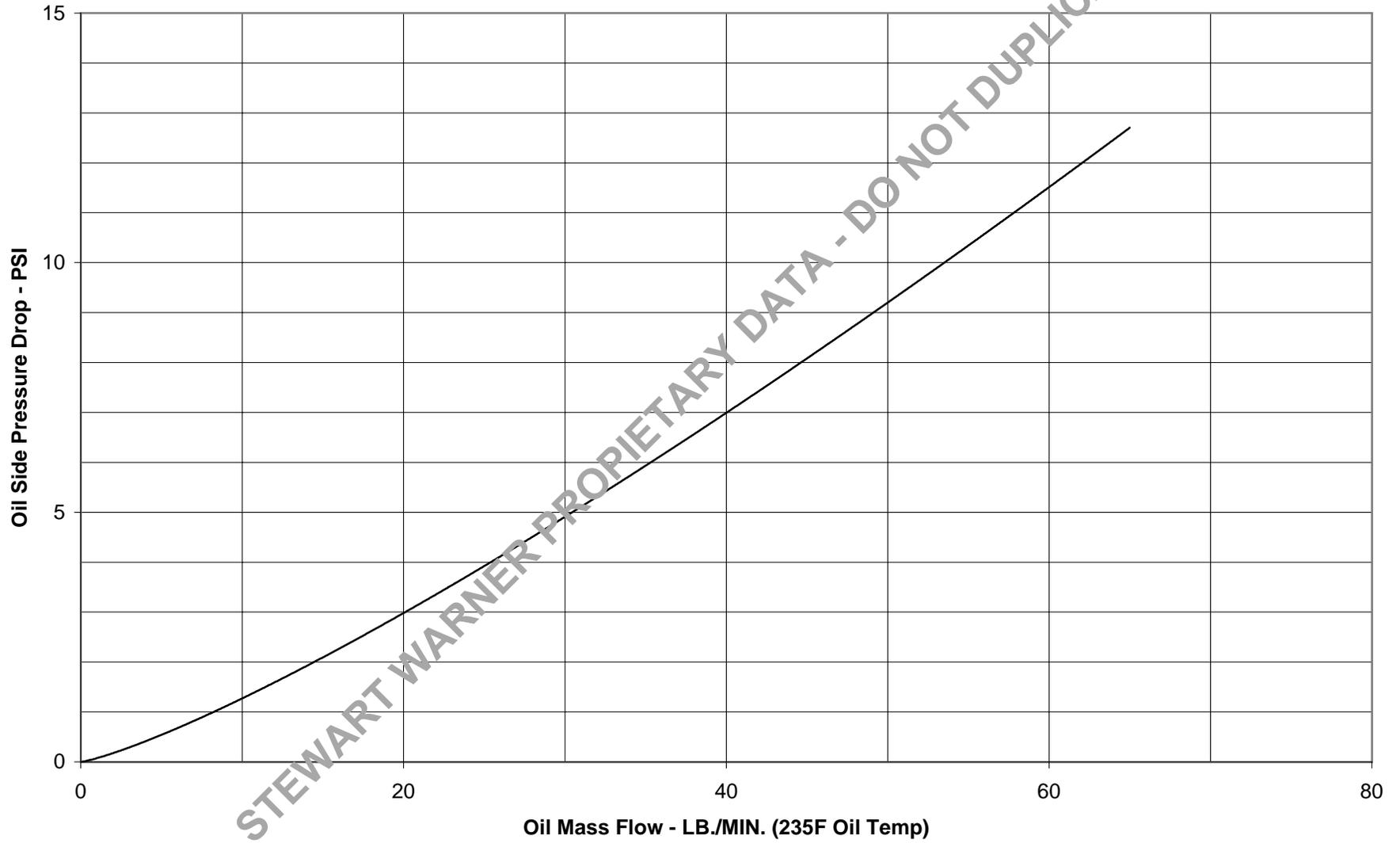


Stewart Warner 10722A Air Side Pressure Drop

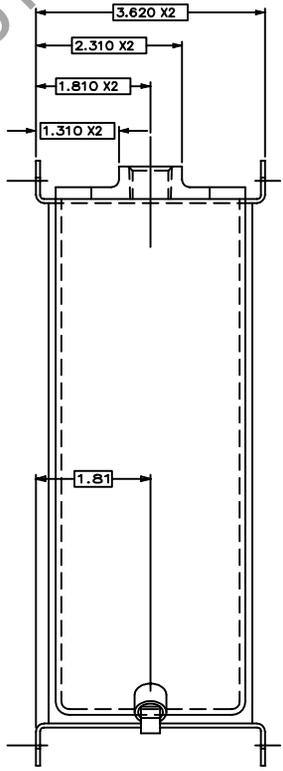
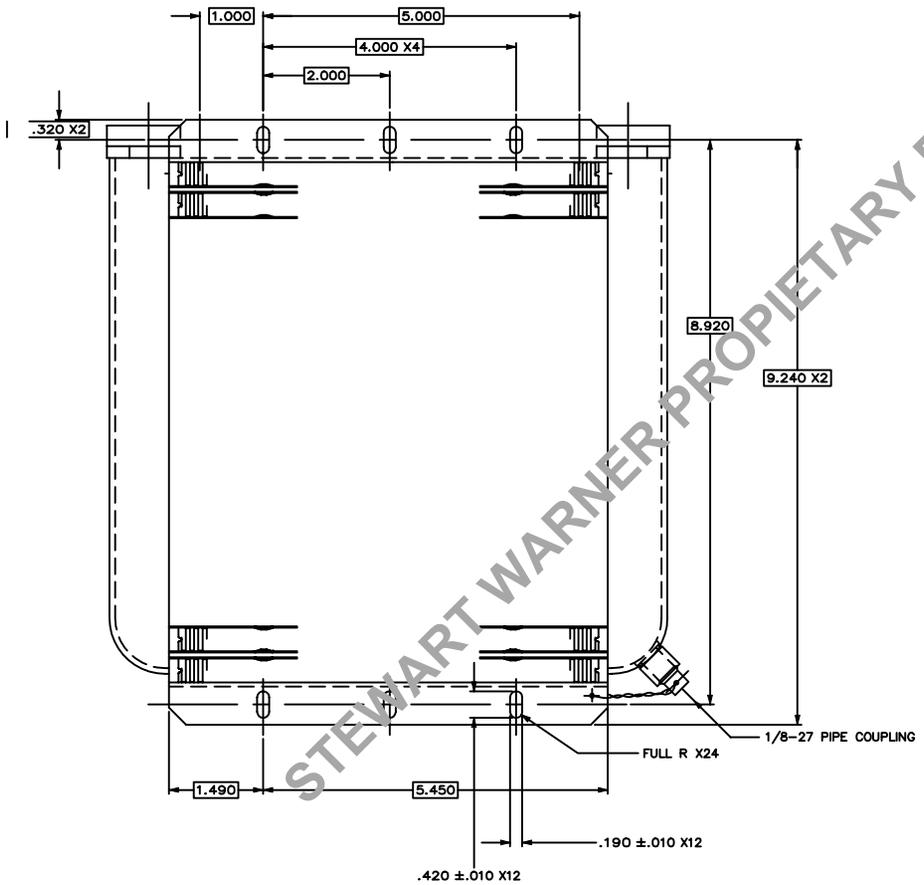
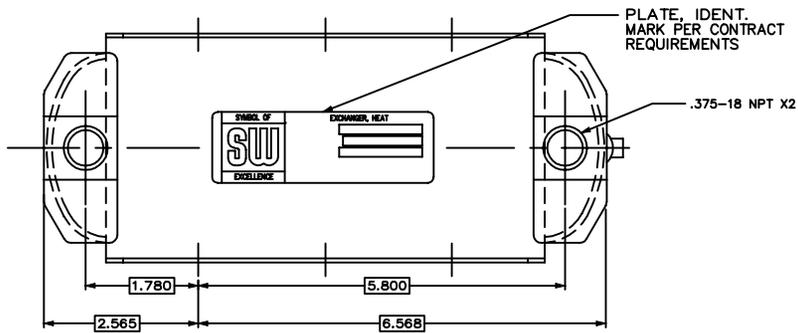


STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

Stewart Warner 10722A Oil Side Pressure Drop



8 7 6 5 4 3 2 1



| | | REVISIONS | | | |
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| ZONE | REV | DESCRIPTION | DATE | APPROVED | |
| | | | | | |

STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

10865B

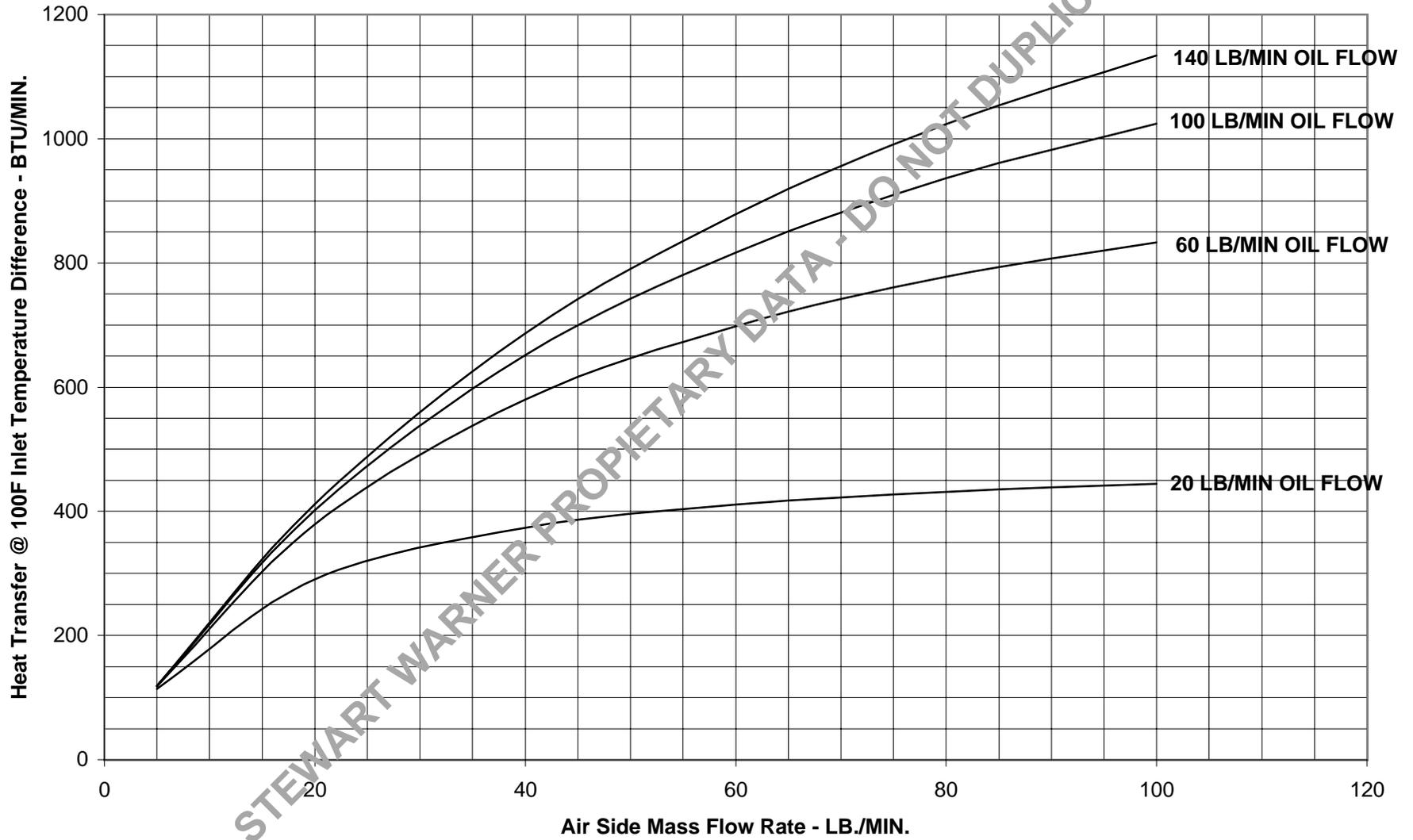
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 AIAA-STD-1000 ENGINEERING AND TECHNOLOGY FOR
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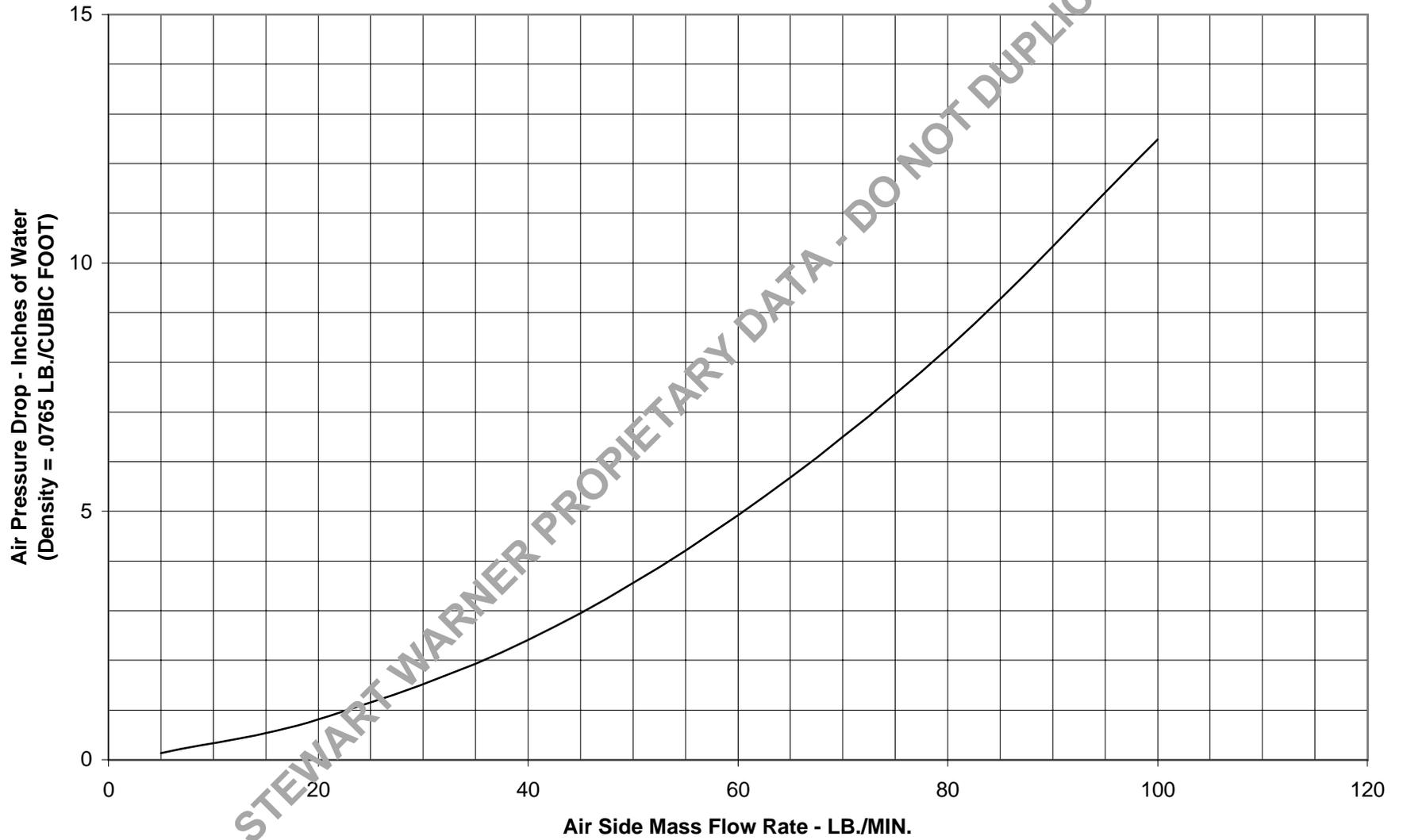
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|--|-------------------|-------------------|
| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10865B |
| SCALE | WT | SHEET |

8 7 6 5 4 3 2 1

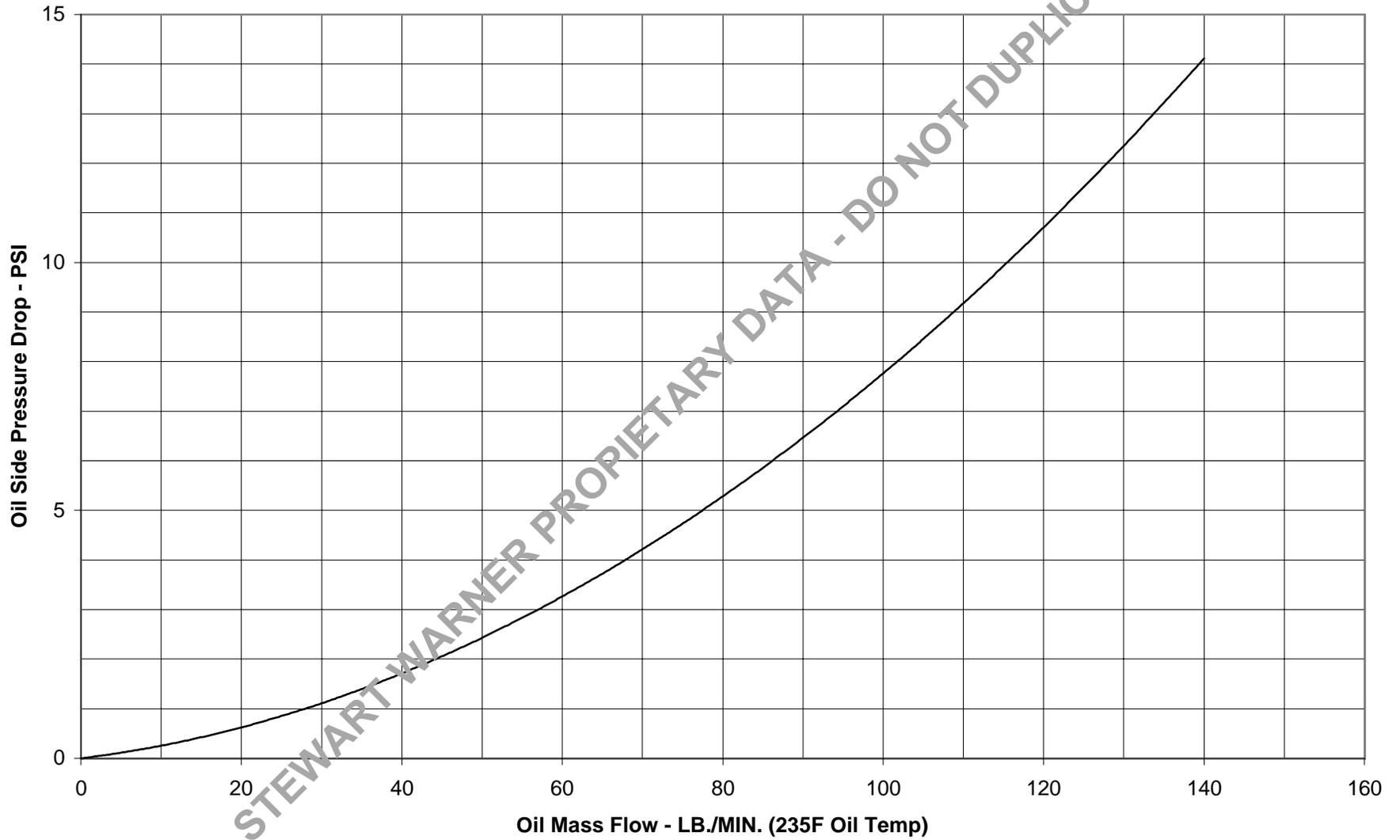
Stewart Warner 10865B Calculated Heat Rejection



Stewart Warner 10865B Air Side Pressure Drop



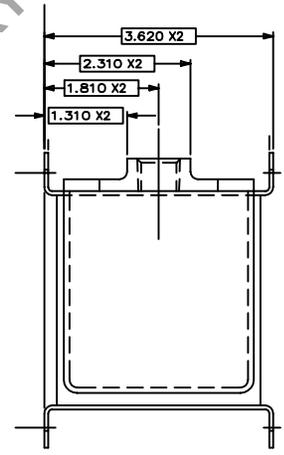
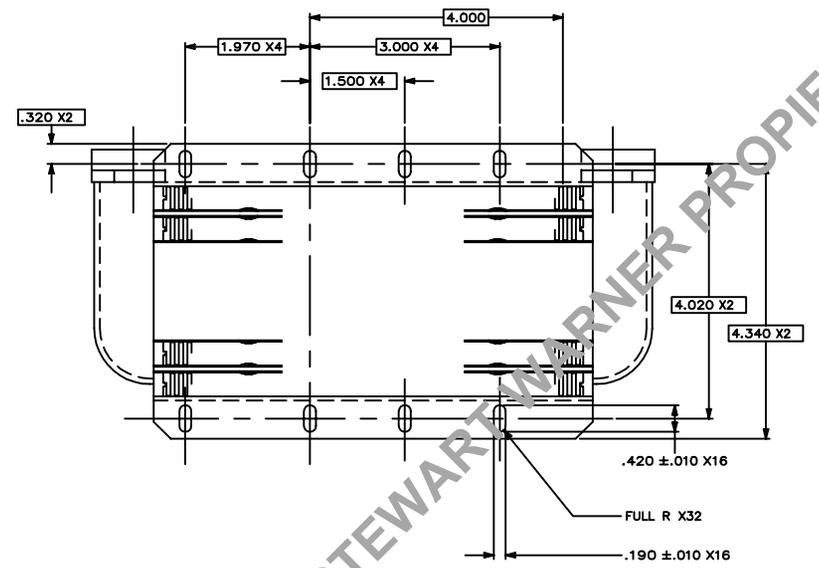
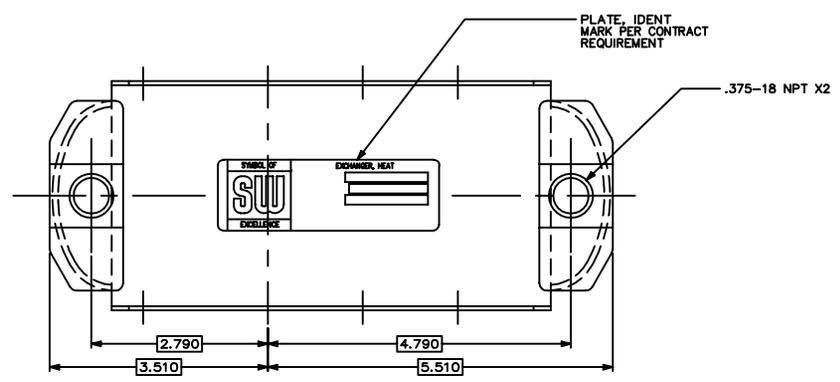
Stewart Warner 10865B Oil Side Pressure Drop



STEWART WARNER PROPRIETARY DATA - DO NOT DUPLICATE

8 7 6 5 4 3 2 1

| ZONE | | REV | DESCRIPTION | DATE | APPROVED |
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10877A

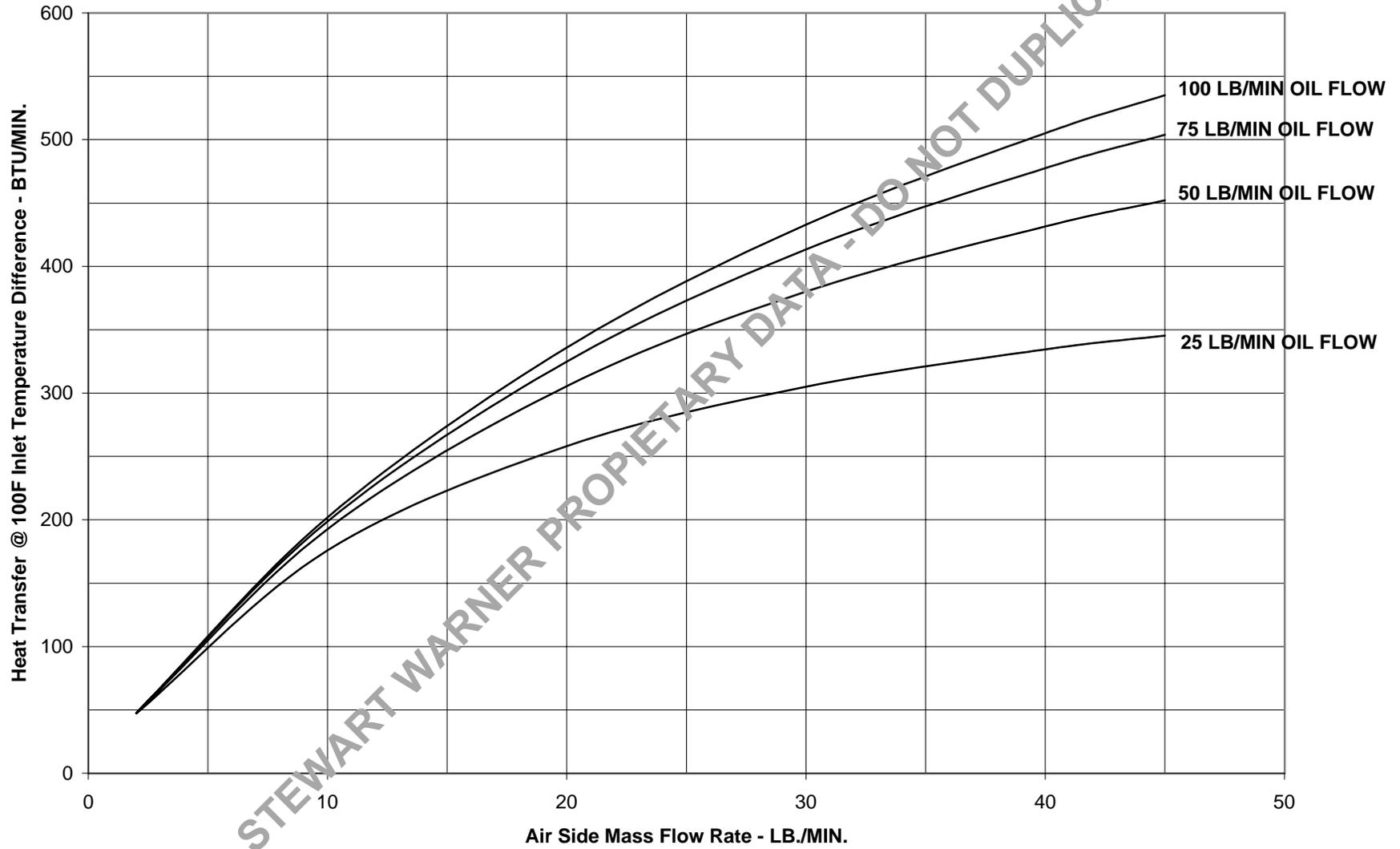
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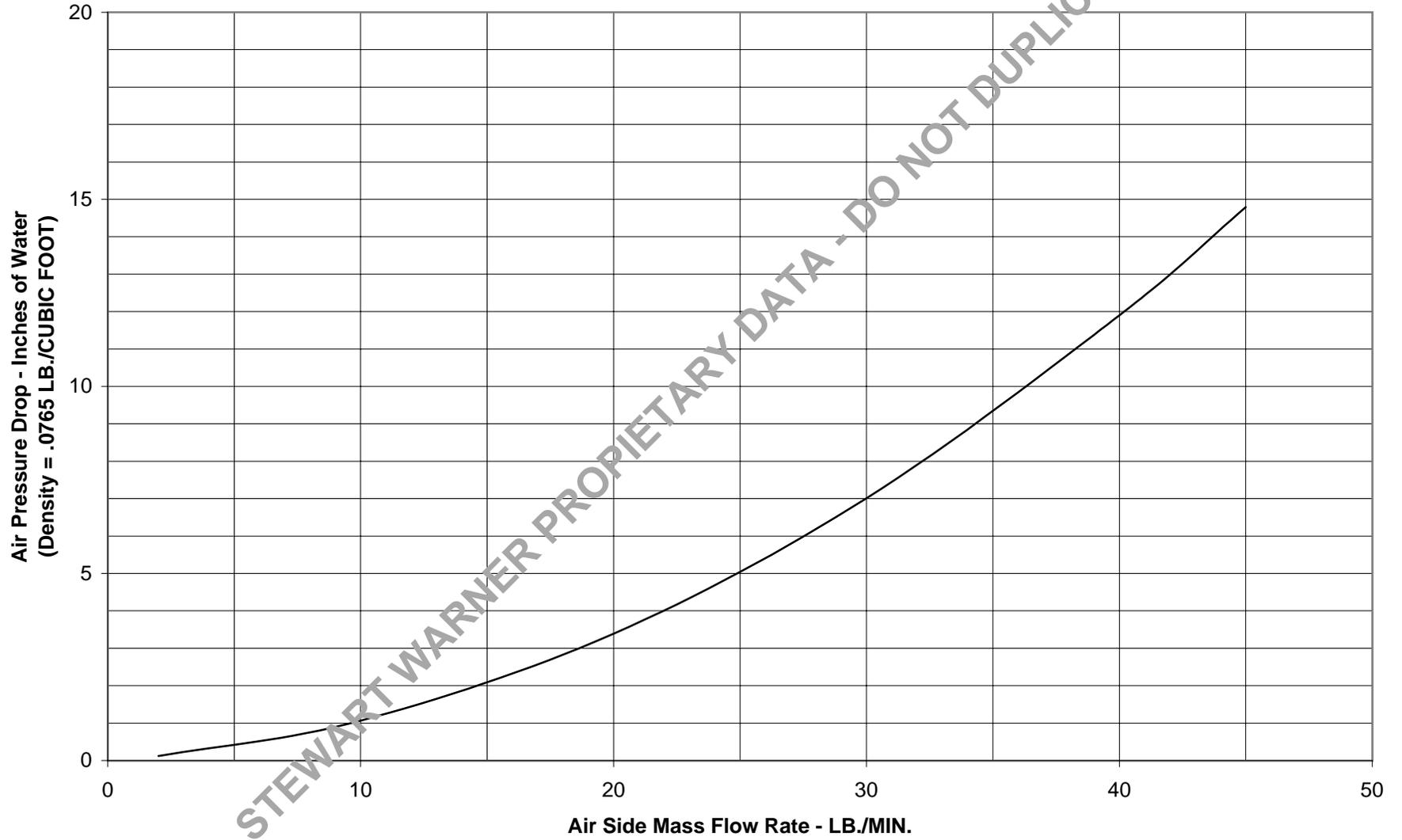
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| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | | |
| TITLE OIL COOLER | | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10877A | |
| SCALE 1/1 | | WT | SHEET |

FORM NO. 1453 REV. 12-99 8 7 6 5 4 3 2 1

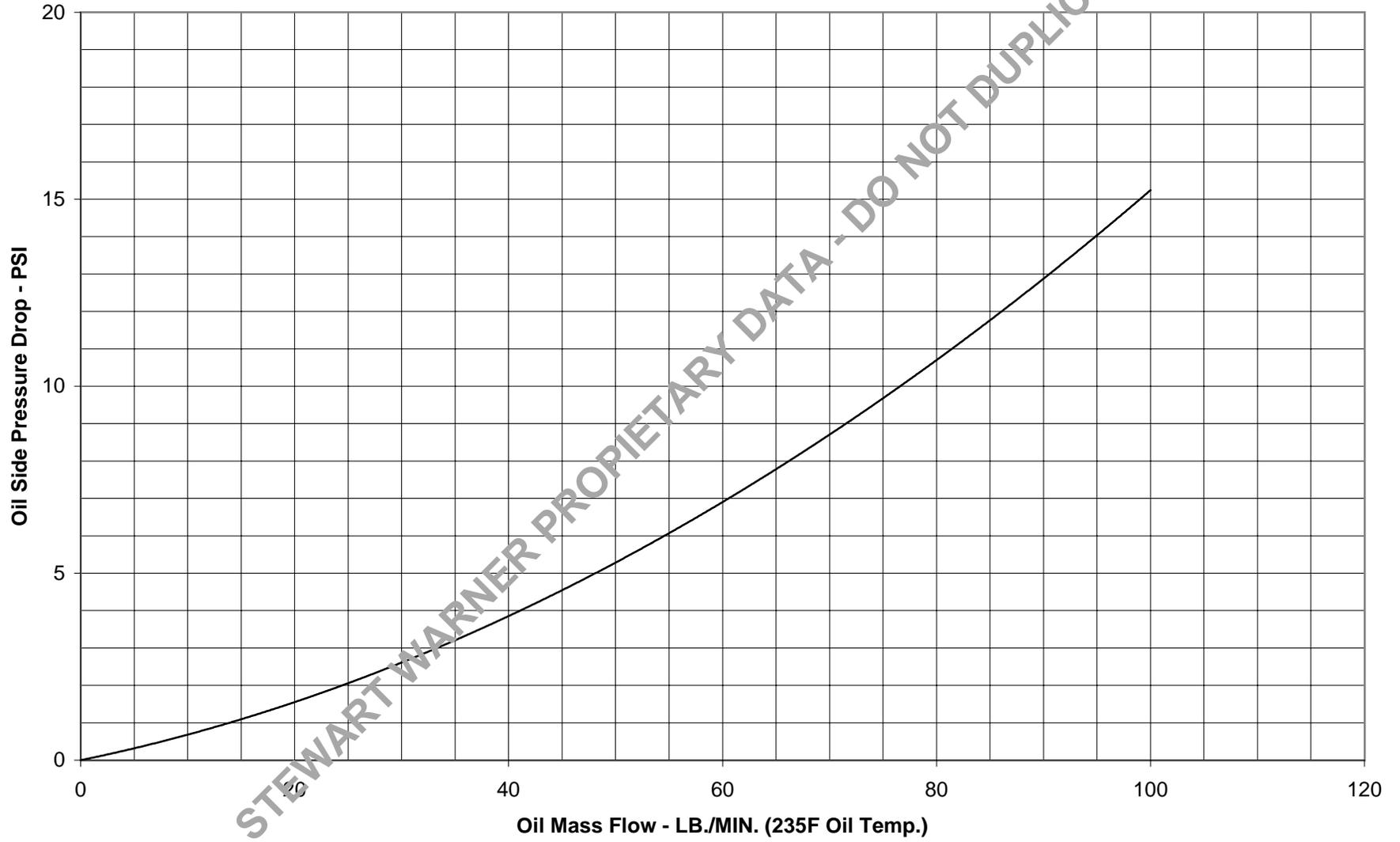
Stewart Warner 10877A Calculated Heat Rejection



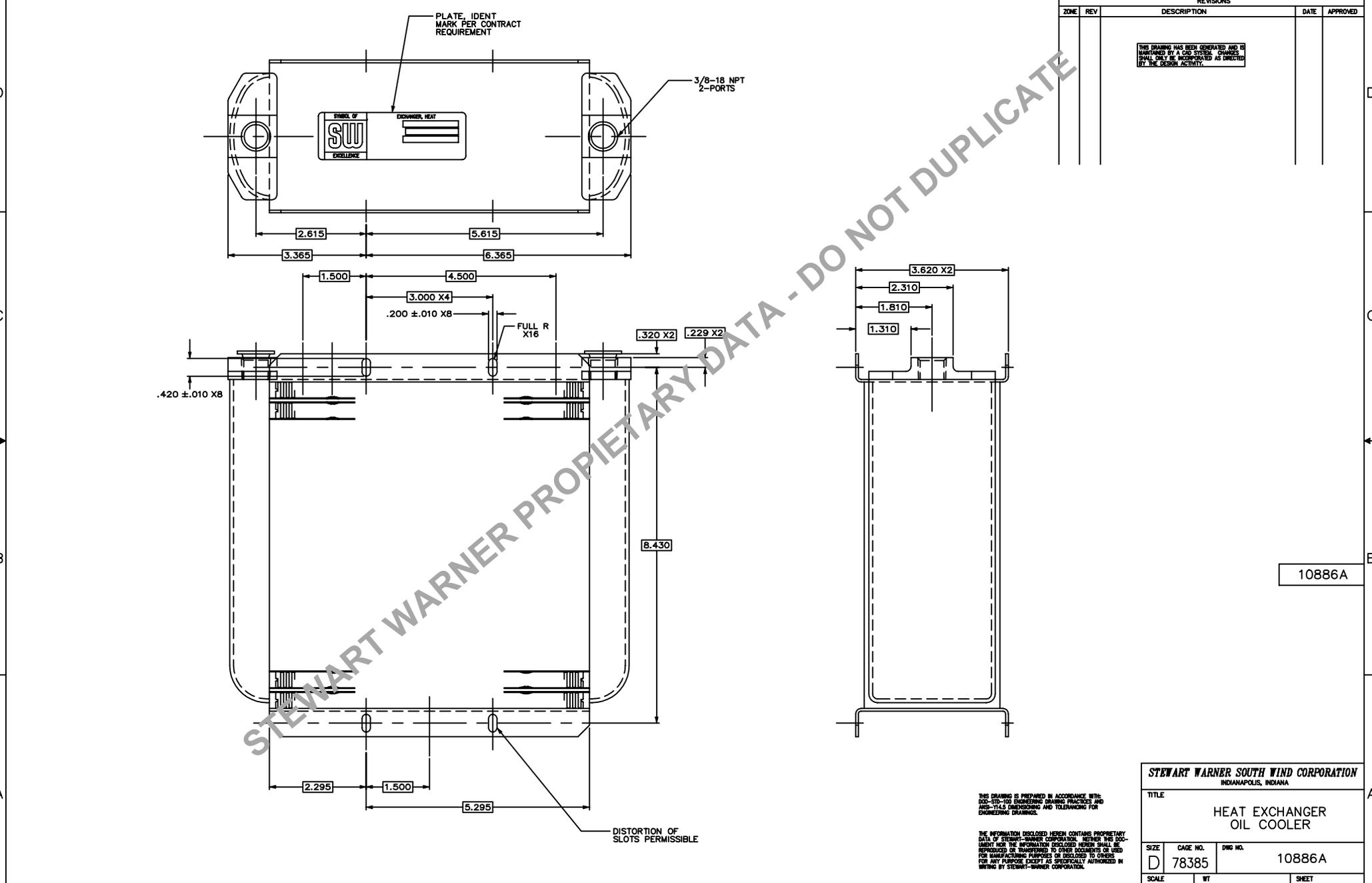
Stewart Warner 10877A Air Side Pressure Drop



Stewart Warner 10877A Oil Side Pressure Drop



8 7 6 5 4 3 2 1



| | | REVISIONS | | | |
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10886A

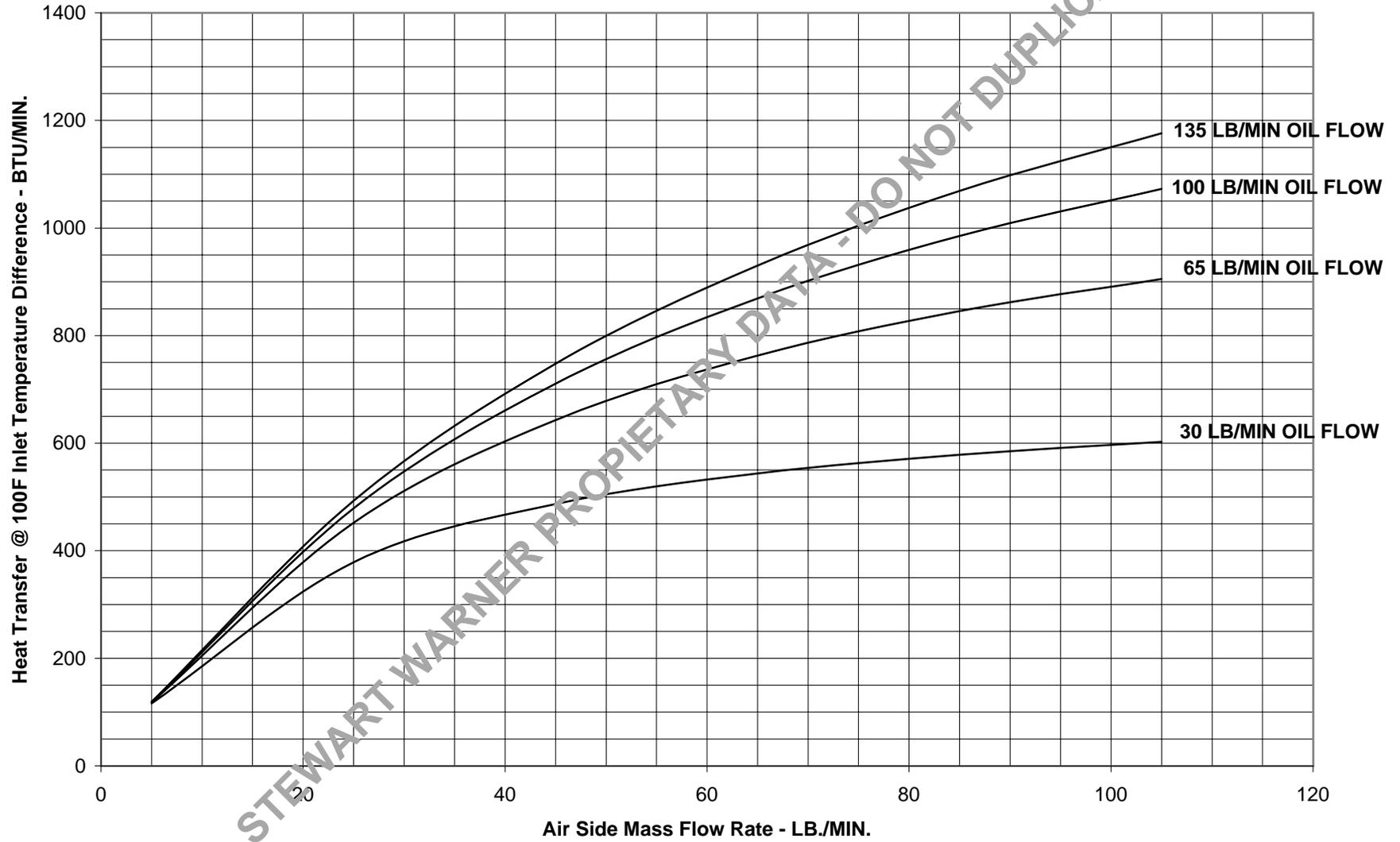
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|--|-------------------|-------------------|
| STEWART WARNER SOUTH WIND CORPORATION INDIANAPOLIS, INDIANA | | |
| TITLE HEAT EXCHANGER OIL COOLER | | |
| SIZE D | CAGE NO. 78385 | DWG NO. 10886A |
| SCALE | WT | SHEET |

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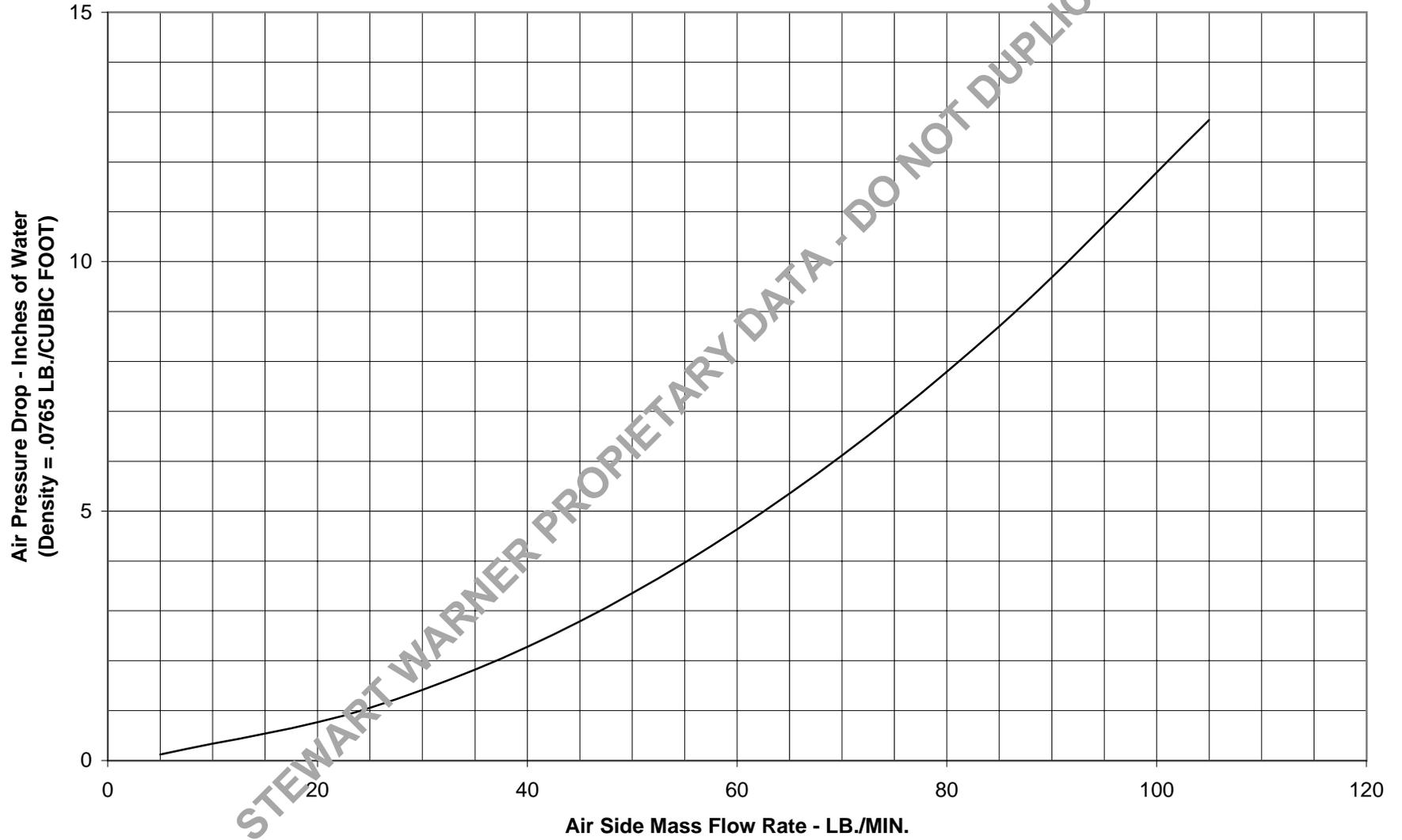
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FORM NO. 1453 REV. 12-20 8 7 6 5 4 3 2 1

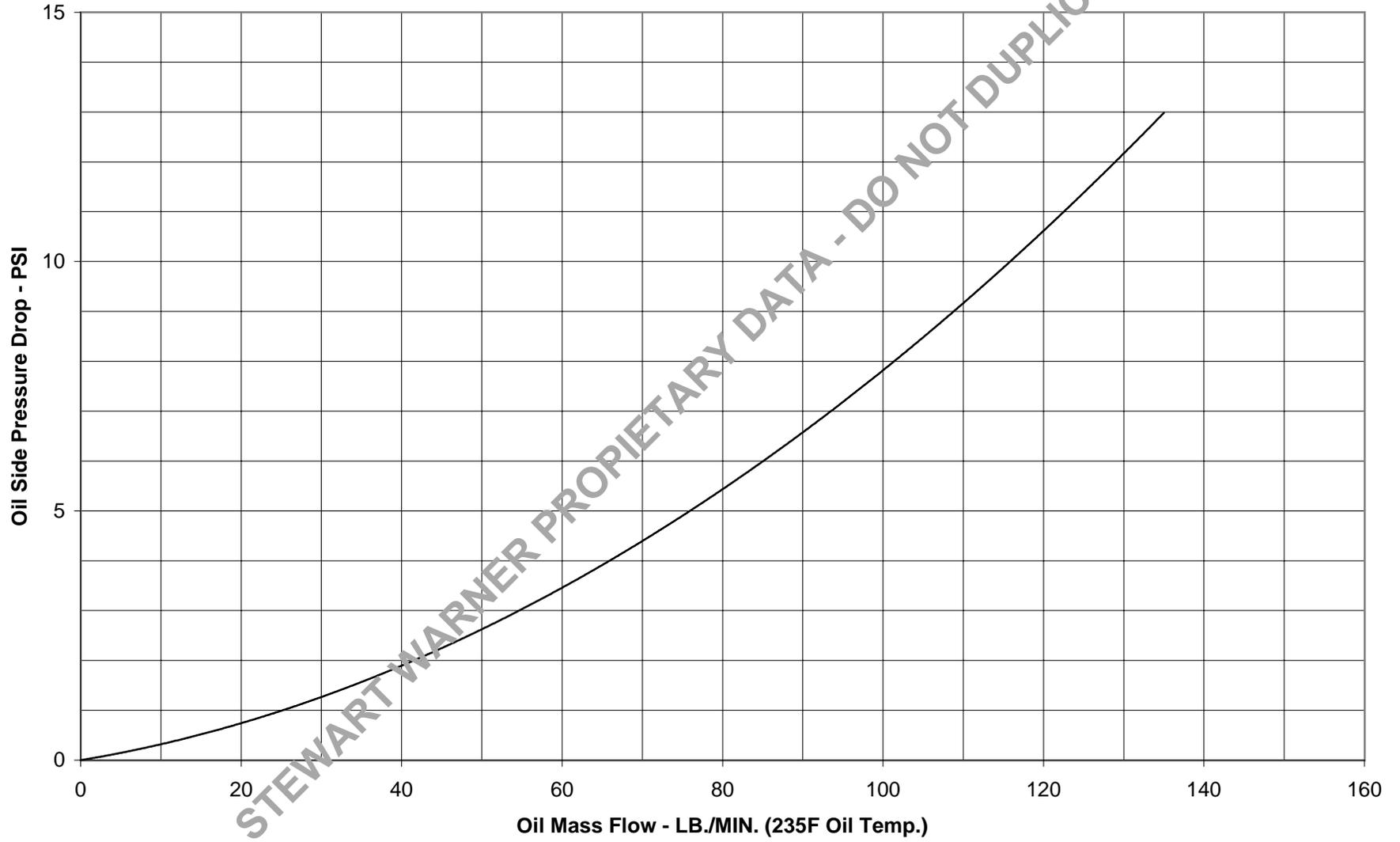
Stewart Warner 10886A Calculated Heat Rejection



Stewart Warner 10886A Air Side Pressure Drop



Stewart Warner 10886A Oil Side Pressure Drop



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