



Thru-the-Wall Comfort for all types of Multi-Family Construction

Comfort Pack Non Condensing Gas Furnace Submittal Data

For Approval

Project:

Purchaser:

Date:

Go Thru-the-Wall



National Comfort Products
A Division of National Refrigeration and Air Conditioning Products, Inc.
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Project:

Gas Heat Models

| Plan Designation | Quantity | Model | Description | Page |
|------------------|----------|-------------|--|------|
| | | CPG41128-U | Comfort Pack U-Series R410A 1.0 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG41138-U | Comfort Pack U-Series R410A 1.0 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG41728-U | Comfort Pack U-Series R410A 1.5 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG41738-U | Comfort Pack U-Series R410A 1.5 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG41751-U | Comfort Pack U-Series R410A 1.5 ton cooling, 51MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG41764-U | Comfort Pack U-Series R410A 1.5 ton cooling, 64MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG42328-U | Comfort Pack U-Series R410A 2.0 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG42338-U | Comfort Pack U-Series R410A 2.0 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG42351-U | Comfort Pack U-Series R410A 2.0 ton cooling, 51MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG42364-U | Comfort Pack U-Series R410A 2.0 ton cooling, 64MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 5 |
| | | CPG42951-T* | Comfort Pack T-Series R410A 2.5 ton cooling, 51MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 6 |
| | | CPG42964-T* | Comfort Pack T-Series R410A 2.5 ton cooling, 64MBH gas input, 208-230/1/60, 80% AFUE/12 SEER | 6 |

*Please see page 6 for T-Series Dimensions

Options

| Plan Designation | Quantity | Part No. | Description | Page |
|------------------|----------|----------|---|------|
| | | CPWS | Comfort Pack Wall Sleeve | 7 |
| | | CPSG-P | Comfort Pack U-Series Stamped Grille Painted | 8 |
| | | CPLG | Comfort Pack U-Series Architectural Louver Grille | 9 |
| | | CPLG-S | Comfort Pack U-Series Architectural Louver Grille for Sleeve (Attaches to Wall Sleeve Only) | 10 |
| | | CPLG-P | Comfort Pack U-Series Architectural Louver Grille Painted (Attaches to Units Only) | 9 |
| | | CPLG-SP | Comfort Pack U-Series Architectural Louver Grille Sleeve Painted (Attaches to Wall Sleeve Only) | 10 |
| | | CPSGT-P | Comfort Pack T-Series Stamped Grille Painted | 11 |
| | | CPLGT | Comfort Pack T-Series Architectural Louver Grille | 12 |
| | | CPLGT-S | Comfort Pack T-Series Architectural Louver Grille for Sleeve (Attaches to Wall Sleeve Only) | 13 |
| | | CPLGT-P | Comfort Pack T-Series Architectural Louver Grille Painted (Attaches to Units Only) | 12 |
| | | CPLGT-SP | Comfort Pack T-Series Architectural Louver Grille Sleeve Painted (Attaches to Wall Sleeve Only) | 13 |
| | | A | Omit Stamped Grilles | NA |
| | | B | Slotted Filter Door | 5 |
| | | C | Combination of both A & B | NA |
| | | 14208343 | LP Kit (38 MBTU) | NA |
| | | 14208344 | LP Kit (51 MBTU) | NA |
| | | 14208345 | LP Kit (64 MBTU) | NA |

Project:
80% AFUE
Performance Data

| Models | SEER | Nominal Cooling Tons | Cooling BTU | Heating BTU Input | Heating BTU Output |
|------------|------|----------------------|-------------|-------------------|--------------------|
| CPG41128-U | 12 | 1 | 12,000 | 28,000 | 22,400 |
| CPG41138-U | 12 | 1 | 12,000 | 38,000 | 30,400 |
| CPG41728-U | 12 | 1.5 | 17,500 | 28,000 | 22,400 |
| CPG41738-U | 12 | 1.5 | 17,500 | 38,000 | 30,400 |
| CPG41751-U | 12 | 1.5 | 17,500 | 51,000 | 40,800 |
| CPG41764-U | 12 | 1.5 | 17,500 | 64,000 | 51,200 |
| CPG42328-U | 12 | 2 | 22,000 | 28,000 | 22,400 |
| CPG42338-U | 12 | 2 | 22,000 | 38,000 | 30,400 |
| CPG42351-U | 12 | 2 | 22,000 | 51,000 | 40,800 |
| CPG42364-U | 12 | 2 | 22,000 | 64,000 | 51,200 |
| CPG42951-T | 12 | 2.5 | 27,000 | 51,000 | 40,800 |
| CPG42964-T | 12 | 2.5 | 27,000 | 64,000 | 51,200 |

Electrical Data

| Models | Voltage | Compressor | | Outdoor Fan Motor | | | Indoor Blower Motor | | Total Amps | Minimum Circuit Amps | Maximum Overcurrent Protector |
|------------|--------------|------------|------|-------------------|-----|-----|---------------------|-----|------------|----------------------|-------------------------------|
| | | RLA | LRA | HP | FLA | LRA | HP | FLA | | | |
| CPG41128-U | 208-230/60/1 | 4.7 | 29.5 | 1/4 | 2.4 | - | 1/3 | 3.0 | 10.1 | 11.3 | 15 |
| CPG41138-U | 208-230/60/1 | 4.7 | 29.5 | 1/4 | 2.4 | - | 1/3 | 3.0 | 10.1 | 11.3 | 15 |
| CPG41728-U | 208-230/60/1 | 6.5 | 37.5 | 1/4 | 1.8 | 3.6 | 1/3 | 3.0 | 11.3 | 13 | 15 |
| CPG41738-U | 208-230/60/1 | 6.5 | 37.5 | 1/4 | 1.8 | 3.6 | 1/3 | 3.0 | 11.3 | 13 | 15 |
| CPG41751-U | 208-230/60/1 | 6.5 | 37.5 | 1/4 | 1.8 | 3.6 | 1/3 | 3.0 | 11.3 | 13 | 15 |
| CPG41764-U | 208-230/60/1 | 6.5 | 37.5 | 1/4 | 1.8 | 3.6 | 1/3 | 3.0 | 11.3 | 13 | 15 |
| CPG42328-U | 208-230/60/1 | 8.4 | 37 | 1/4 | 2.4 | - | 1/2 | 3.9 | 14.7 | 16.8 | 25 |
| CPG42338-U | 208-230/60/1 | 8.4 | 37 | 1/4 | 2.4 | - | 1/2 | 3.9 | 14.7 | 16.8 | 25 |
| CPG42351-U | 208-230/60/1 | 8.4 | 37 | 1/4 | 2.4 | - | 1/2 | 3.9 | 14.7 | 16.8 | 25 |
| CPG42364-U | 208-230/60/1 | 8.4 | 37 | 1/4 | 2.4 | - | 1/2 | 3.9 | 14.7 | 16.8 | 25 |
| CPG42951-T | 208-230/60/1 | 13.5 | 72.5 | 1/4 | 2.4 | - | 1/2 | 3.9 | 19.8 | 23.2 | 35 |
| CPG42964-T | 208-230/60/1 | 13.5 | 72.5 | 1/4 | 2.4 | - | 1/2 | 3.9 | 19.8 | 23.2 | 35 |

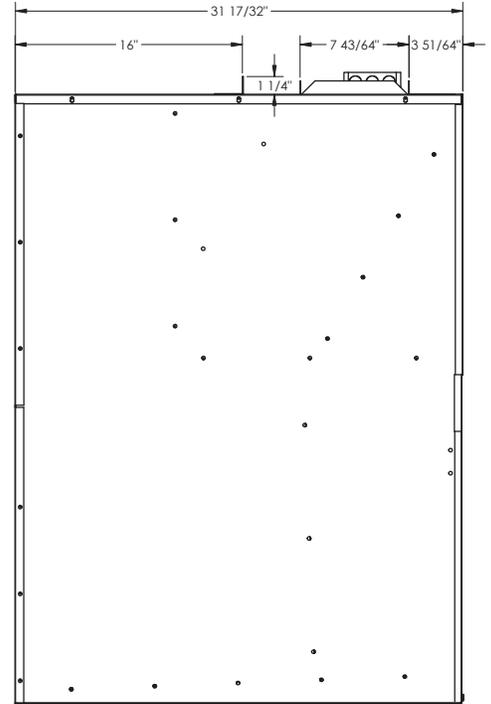
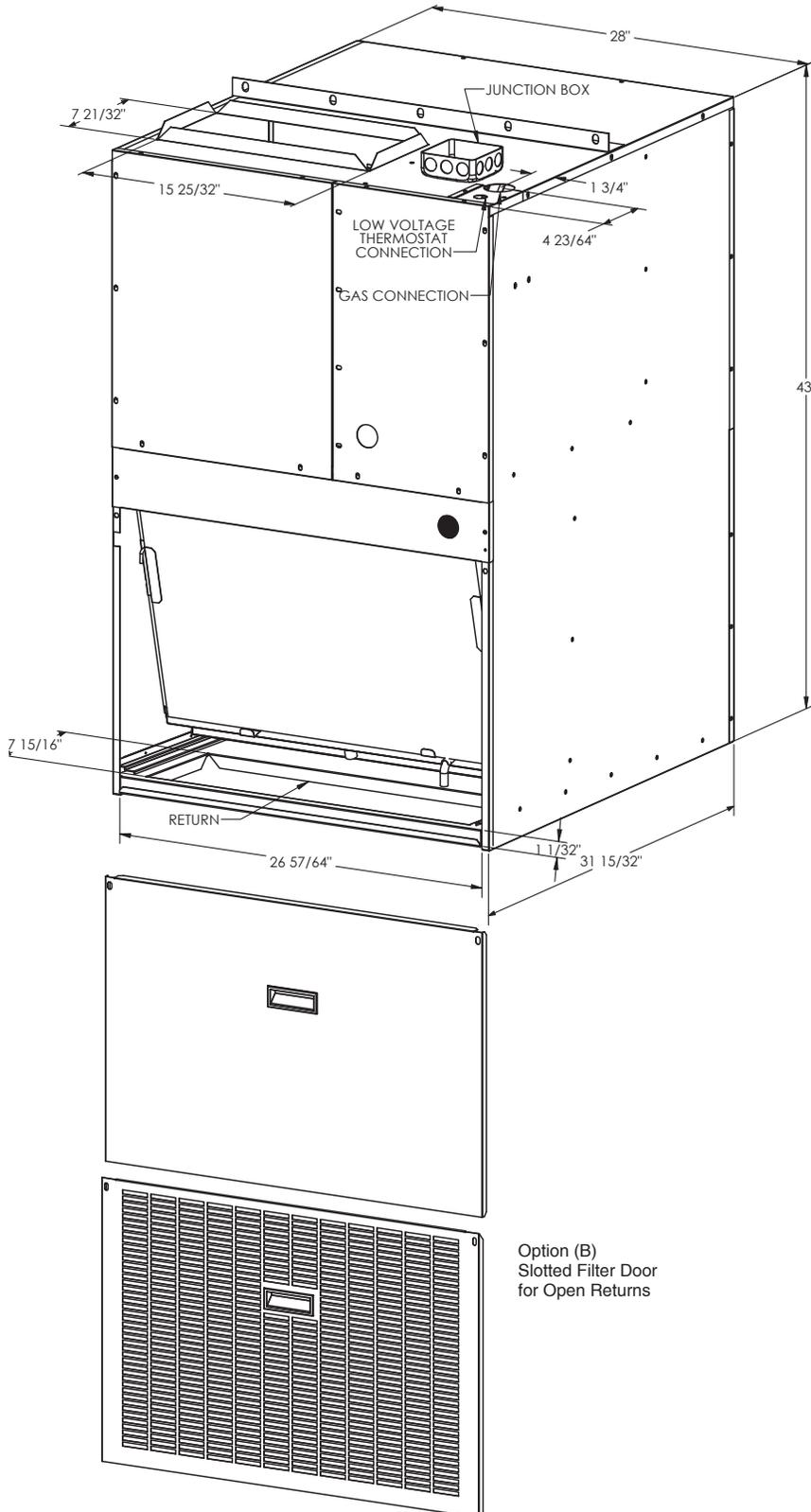
All specifications are subject to change without notice.

Project:

| Comfort Pack Non Condensing Gas Furnace Air Flow Data | | | | | | | |
|---|--------|-----------|--------------------|-----|-----|-----|-----|
| Models | Color | Speed Tap | ESP (in. wc) / CFM | | | | |
| | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 |
| CPG411 | Red | 1 | 780 | 770 | 760 | 725 | 680 |
| | Yellow | 2 | 715 | 690 | 660 | 620 | 560 |
| | Blue | 3 | 620 | 580 | 520 | 450 | 380 |
| | Black | 4 | 550 | 500 | 430 | 340 | 240 |
| | Orange | 5 | 415 | 325 | 225 | X | X |
| CPG417 | Red | 1 | 780 | 770 | 760 | 725 | 680 |
| | Yellow | 2 | 715 | 690 | 660 | 620 | 560 |
| | Blue | 3 | 620 | 580 | 520 | 450 | 380 |
| | Black | 4 | 550 | 500 | 430 | 340 | 240 |
| | Orange | 5 | 415 | 325 | 225 | X | X |
| CPG423 | Red | 1 | 850 | 833 | 815 | 803 | 790 |
| | Yellow | 2 | 750 | 730 | 710 | 698 | 685 |
| | Blue | 3 | 635 | 613 | 590 | 576 | 562 |
| | Black | 4 | 555 | 533 | 510 | 493 | 475 |
| | Orange | 5 | 405 | 378 | 350 | 328 | 305 |
| CPG429 | Red | 1 | 930 | 900 | 880 | 860 | 840 |
| | Yellow | 2 | 800 | 775 | 750 | 725 | 705 |
| | Blue | 3 | 690 | 665 | 635 | 615 | 585 |
| | Black | 4 | 605 | 575 | 540 | 515 | 485 |
| | Orange | 5 | 435 | 400 | 365 | X | X |

Project:

CPG-Comfort Pack Non Condensing Gas Furnace - U Series

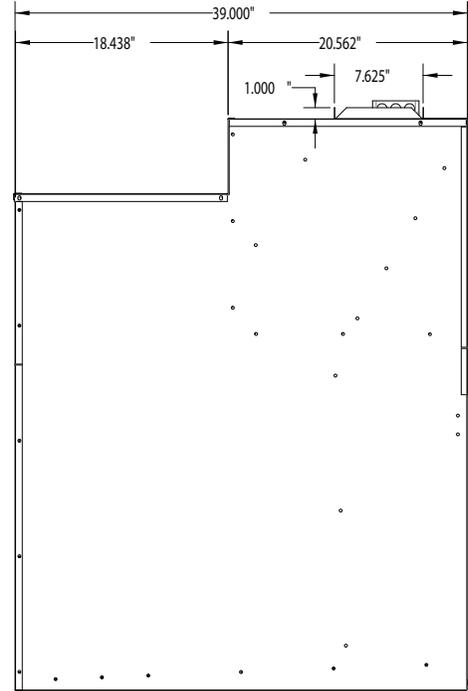
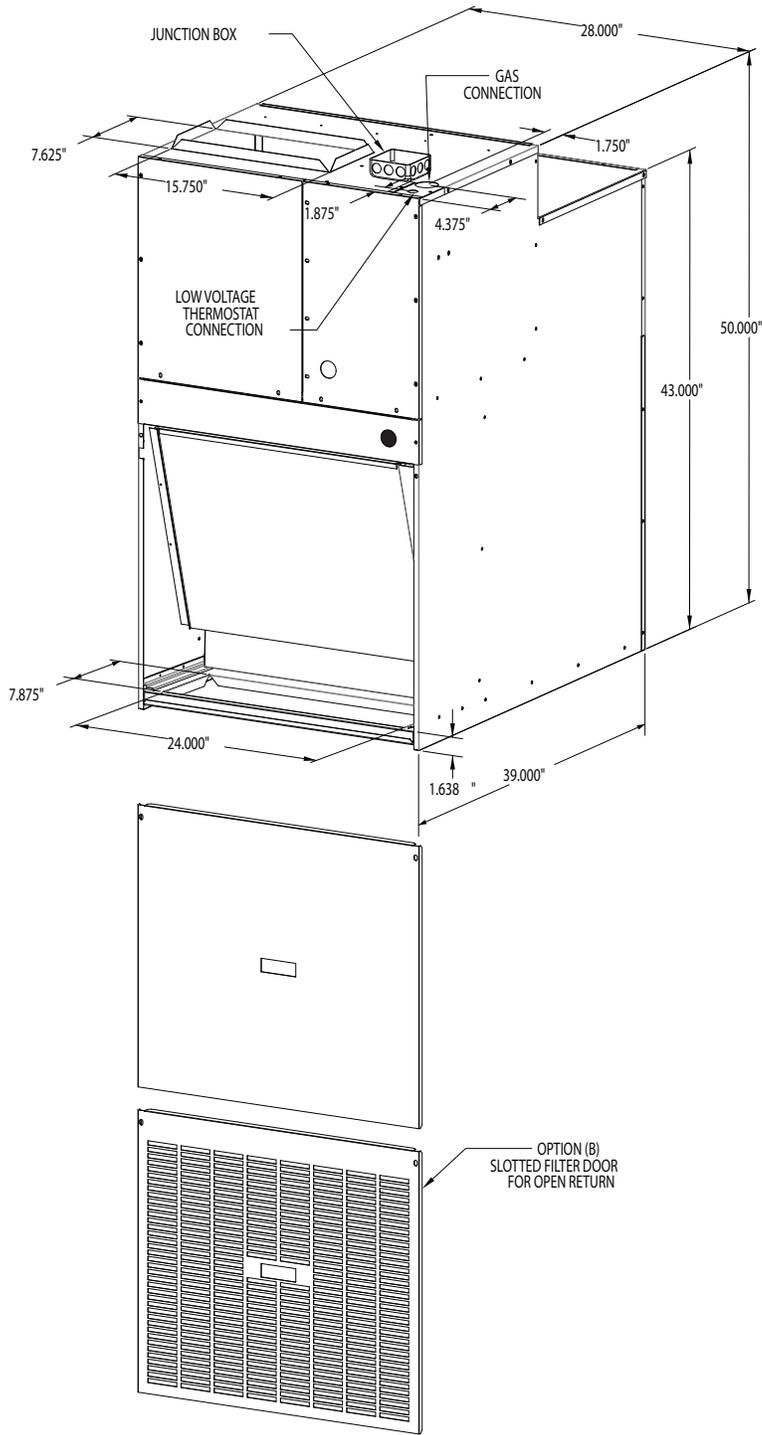


Side view

Option (B)
Slotted Filter Door
for Open Returns

Project:

CPG-Comfort Pack Non Condensing Gas Furnace - T Series

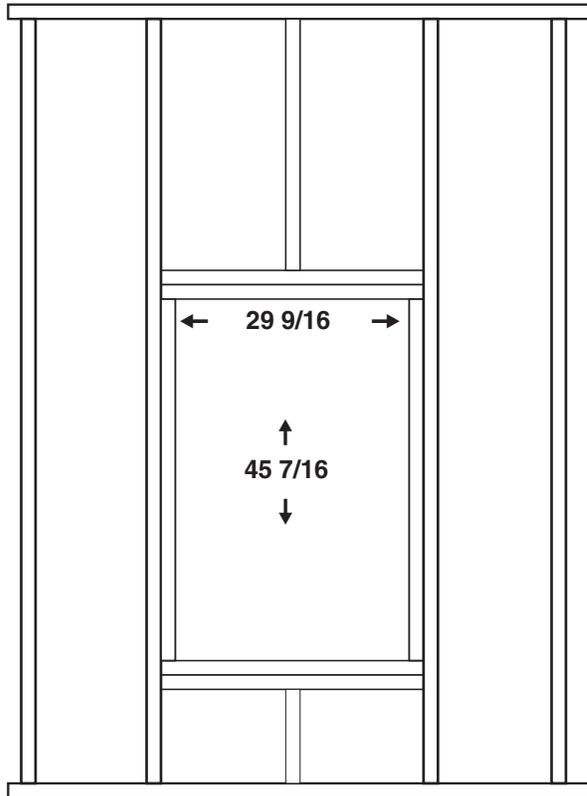


Side view

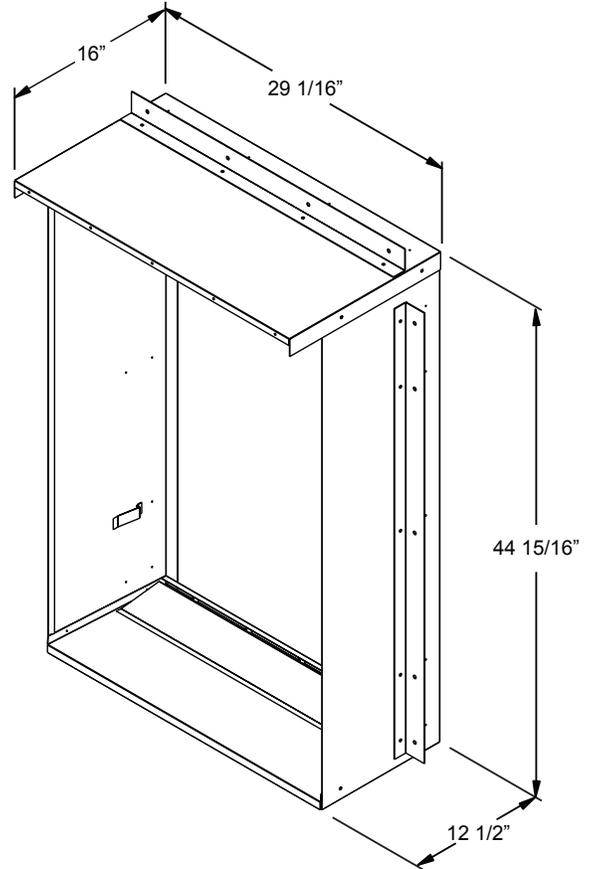
Wall Sleeve

CPWS

Rough In Dimensions

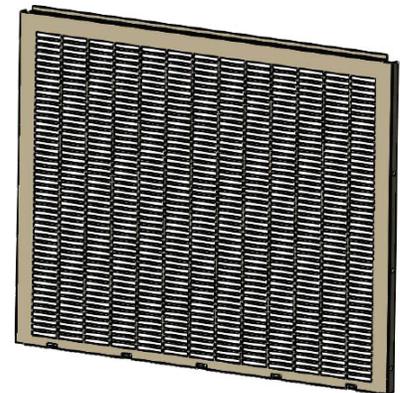
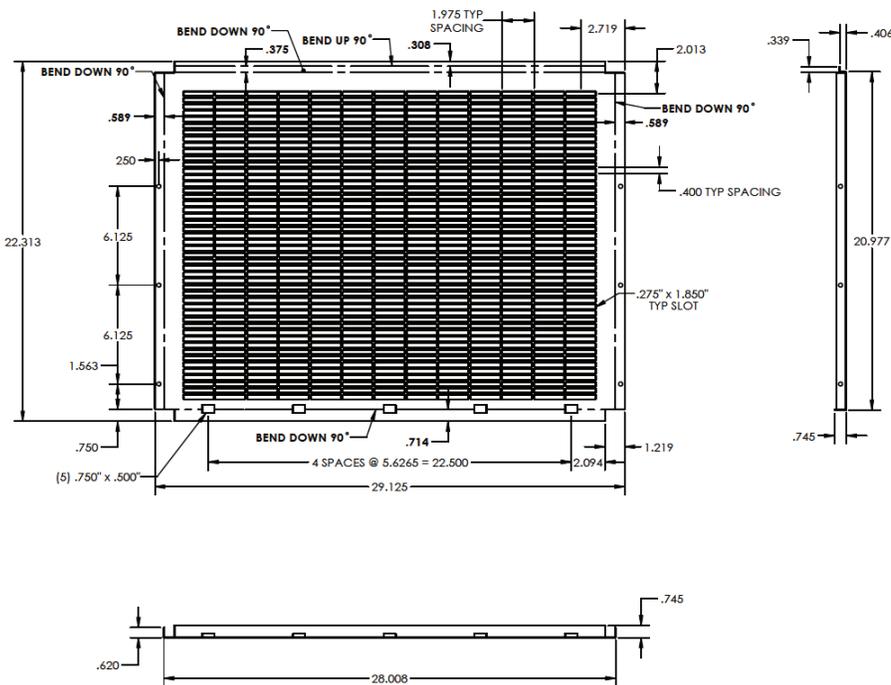
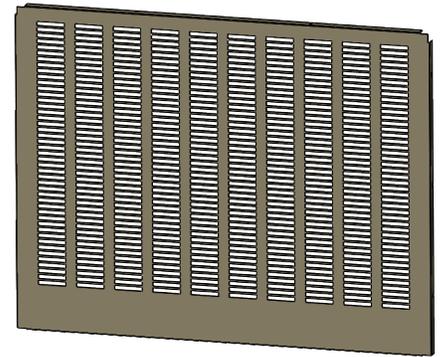
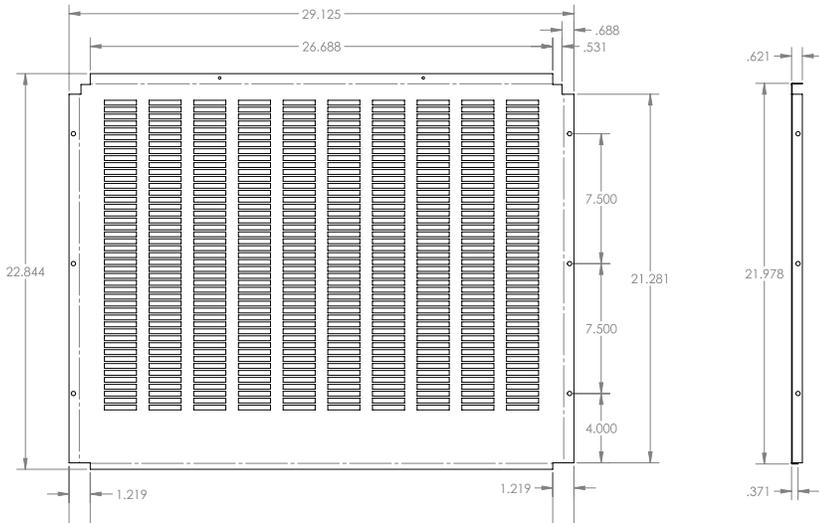


Actual Wall Sleeve Dimensions



**U-Series
Powder Coated Standard Louver (Sleeve Mounted)**

CPSG-P

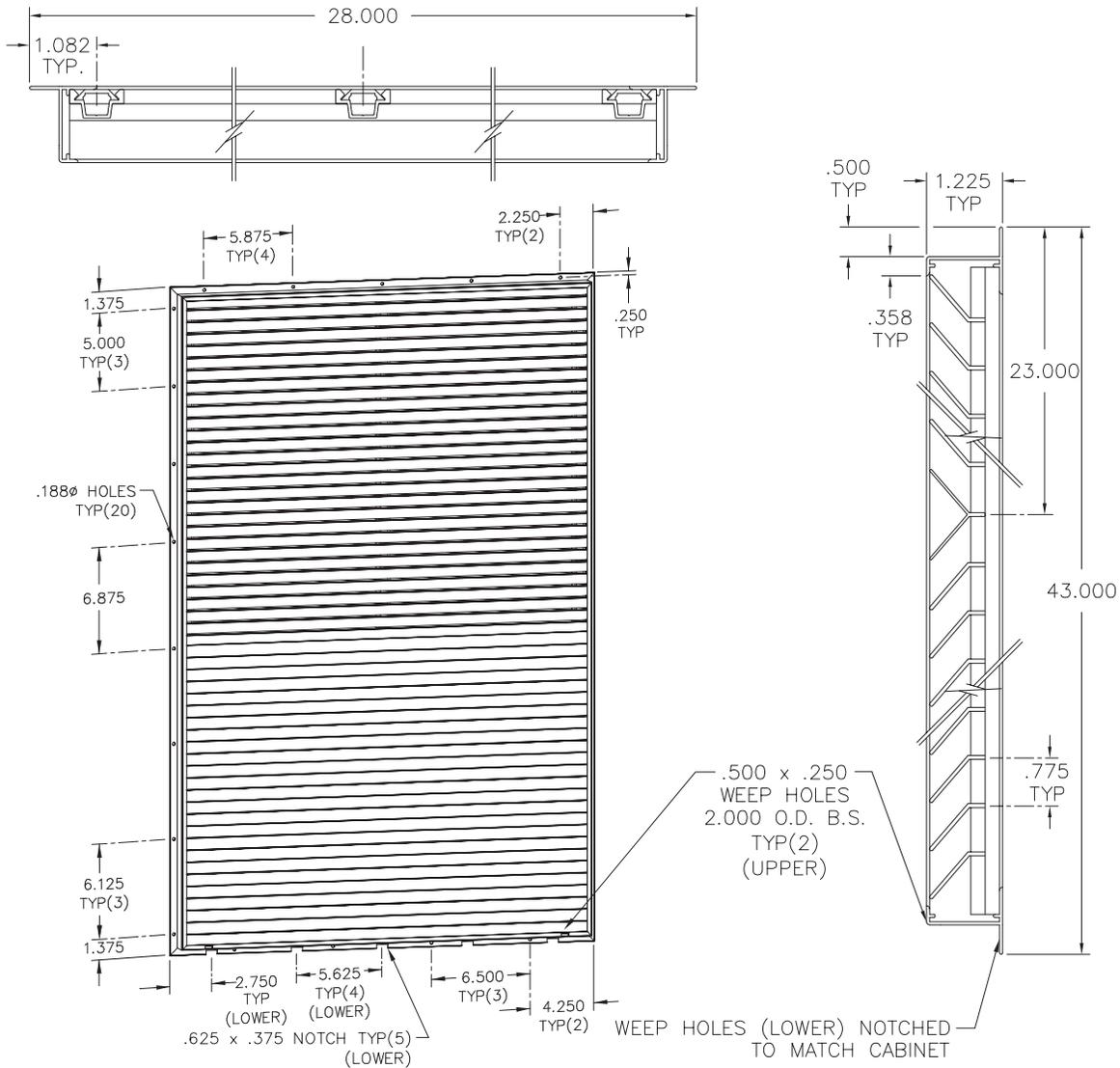


The CPSG-P version is a powder coated galvanized metal. It mounts to the Wall Sleeve and is recommended to be installed during the installation of the CPWS. (See page 7)

U-Series
Architectural Louver (Unit Mounted)

CPLG (anodized aluminum finish)

CPLG-P (painted finish)

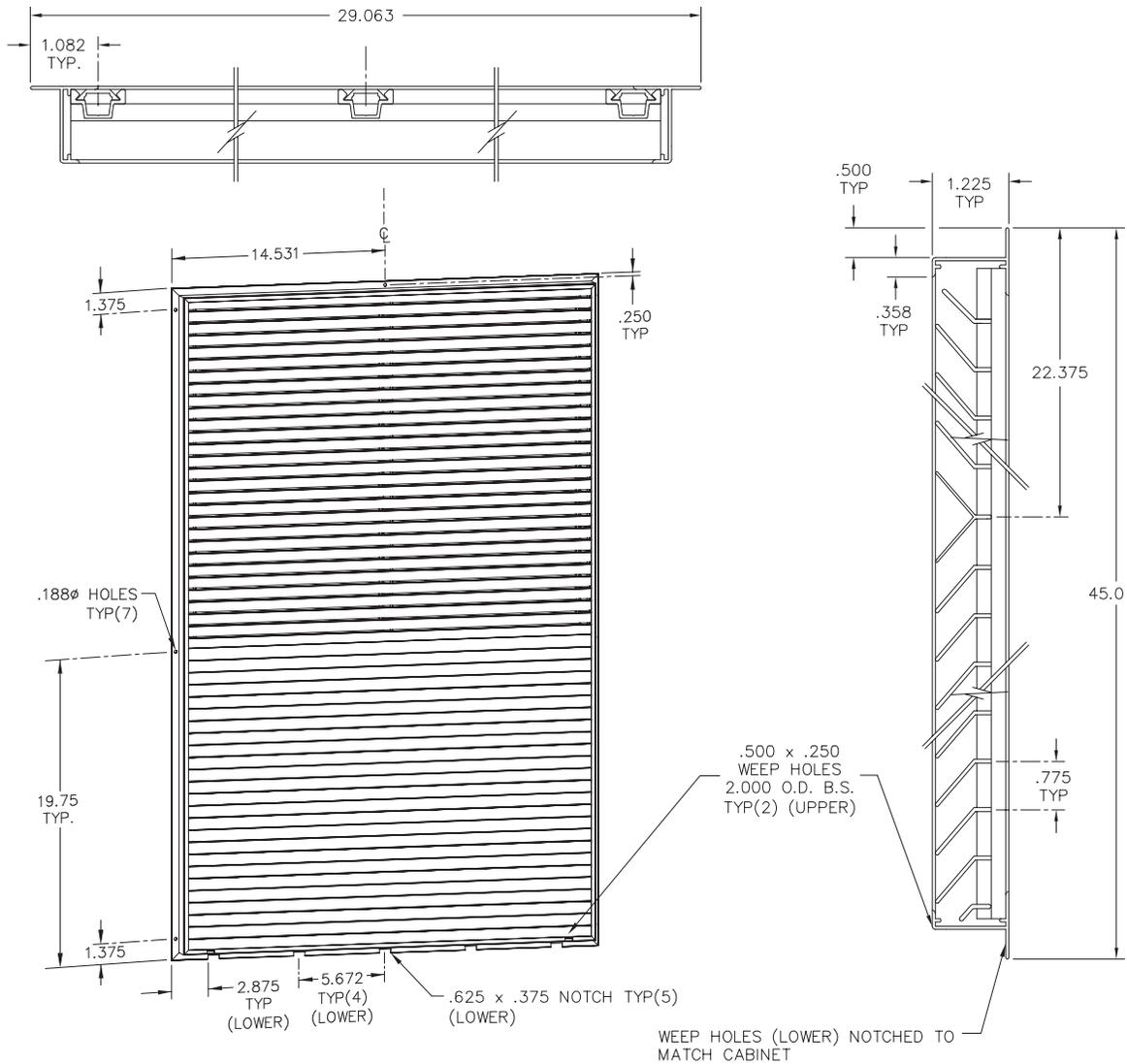


The CPLG & CPLG-P are Architectural Louvers available in anodized aluminum or a painted baked enamel finish. These Louvers are unit mounted.

Project:

U-Series
Architectural Louver (Sleeve Mounted)

CPLG-S (anodized aluminum finish)
CPLG-SP (painted finish)

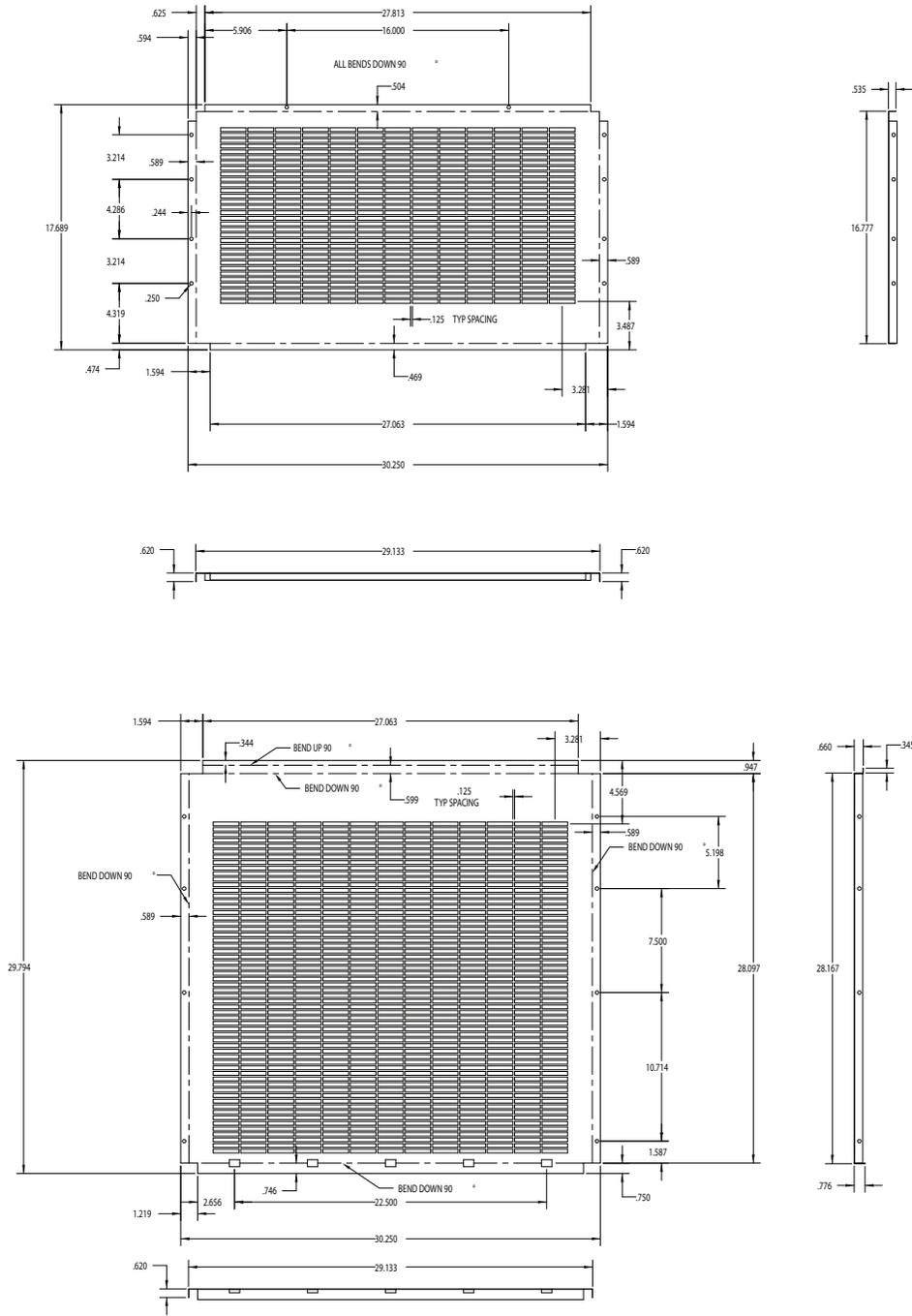


The CPLG-S & CPLG-SP are Architectural Louvers available in anodized aluminum or a painted baked enamel finish. These Louvers are sleeve mounted and recommended to be installed during the installation of the CPWS. (See page 7)

Project:

**T-Series
Powder Coated Standard Louver (Sleeve Mounted)**

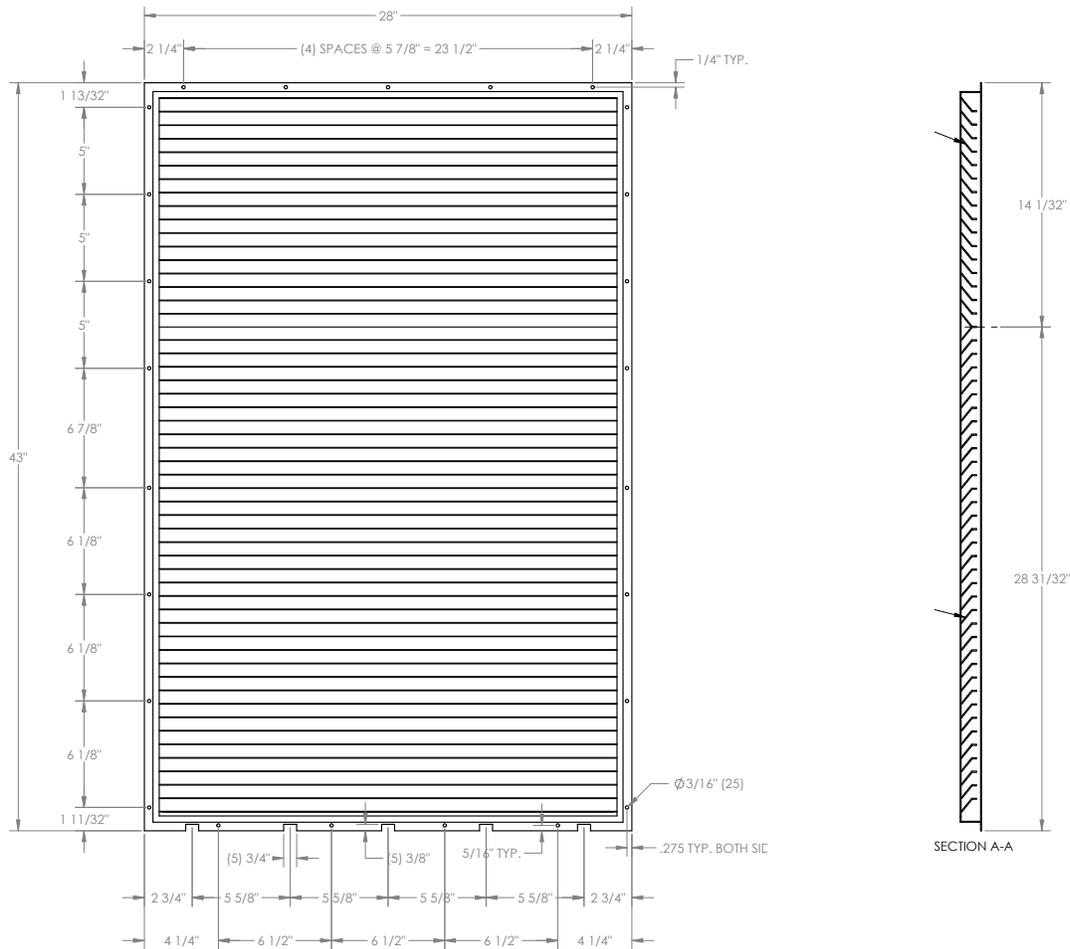
CPSGT-P



The CPSGT-P version is a powder coated galvanized metal. It mounts to the Wall Sleeve and is recommended to be installed during the installation of the CPWS. (See page 7)

T-Series*
Architectural Louver (Unit Mounted)

CPLGT (anodized aluminum finish)
CPLGT-P (painted finish)



***Updates Coming Soon. Specifications Subject to Change.**

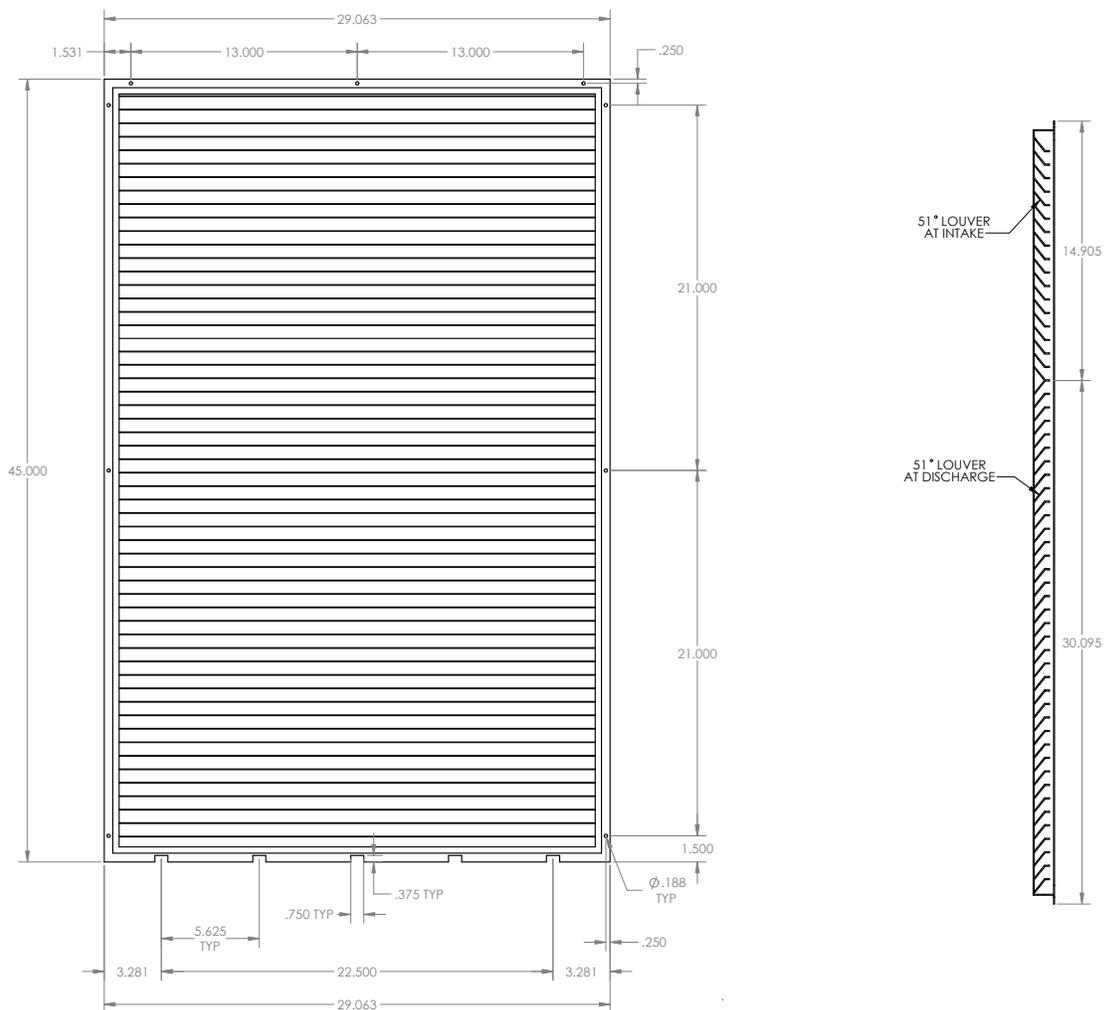
The CPLGT & CPLGT-P are Architectural Louvers available in anodized aluminum or a painted baked enamel finish. These Louvers are unit mounted.

Project:

T-Series*
Architectural Louver (Sleeve Mounted)

CPLGT-S (anodized aluminum finish)

CPLGT-SP (painted finish)



***Updates Coming Soon. Specifications Subject to Change.**

The CPLGT-S & CPLGT-SP are Architectural Louvers available in anodized aluminum or a painted baked enamel finish. These Louvers are sleeve mounted and recommended to be installed during the installation of the CPWS. (See page 7)

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