Thru-the-Wall Comfort
Packaged Heating & Cooling

Comfort Pack Universal with 80% Gas Heat Submittal Data

For Approval

Project:

Purchaser:

Date:

Up to 80% AFUE | Up to 12.5 SEER2

National Comfort Products
An AeriTek Brand
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Go Thru-the-Wall

COMFORT PACK **Project:**

Gas Heat Models

Plan Designation	Quantity	Model	Description	Page
		CP850928UA	Comfort Pack Universal R454B 0.75 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/11.7 SEER2	5
		CP851228UA	Comfort Pack Universal R454B 1.0 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5
		CP851238UA	Comfort Pack Universal R454B 1.0 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5
		CP851828UA	Comfort Pack Universal R454B 1.5 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12.5 SEER2	5
		CP851838UA	Comfort Pack Universal R454B 1.5 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12.5 SEER2	5
		CP851851UA	Comfort Pack Universal R454B 1.5 ton cooling, 51MBH gas input, 208-230/1/60, 80% AFUE/12.5 SEER2	5
		CP851864UA	Comfort Pack Universal R454B 1.5 ton cooling, 64MBH gas input, 208-230/1/60, 80% AFUE/12.5 SEER2	5
		CP852428UA	Comfort Pack Universal R454B 2.0 ton cooling, 28MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5
		CP852438UA	Comfort Pack Universal R454B 2.0 ton cooling, 38MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5
		CP852451UA	Comfort Pack Universal R454B 2.0 ton cooling, 51MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5
		CP852464UA	Comfort Pack Universal R454B 2.0 ton cooling, 64MBH gas input, 208-230/1/60, 80% AFUE/12.3 SEER2	5

Options

Plan Designation	Quantity	Part No.	Description	Page
		CPWS	Comfort Pack Wall Sleeve	6
		CPSG-P	Comfort Pack Universal Stamped Grille Painted	7
		CPLG	Comfort Pack Universal Architectural Louver Grille	8
		CPLG-S	Comfort Pack Universal Architectural Louver Grille for Sleeve (Attaches to Wall Sleeve Only)	9
		CPLG-P	Comfort Pack Universal Architectural Louver Grille Painted (Attaches to Units Only)	8
		CPLG-SP	Comfort Pack Universal Architectural Louver Grille Sleeve Painted (Attaches to Wall Sleeve Only)	9
		A	Standard	NA
		B	Slotted Filter Door	5
		C	without Rear Grille	NA
		D	Both B & C	NA
		14208343	LP Kit (38 MBTU)	NA
		14208344	LP Kit (51 MBTU)	NA
		14208345	LP Kit (64 MBTU)	NA

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Project:

Performance Data

Up to 12.5 SEER2 - 80% AFUE								
Model	Nominal Cooling Tons	Cooling Btu/h	Sensible Btu/h	SEER2	Charge R-454B (Oz.)	Heater Input (Btu/h)	Heater Output (Btu/h)	Shipping Weight (lbs)
CP850928UA	0.75	8,900	6,500	11.7	30	28,000	22,400	315
CP851228UA	1.0	11,800	8,500	12.3	30	28,000	22,400	315
CP851238UA	1.0	11,800	8,500	12.3	30	38,000	30,400	315
CP851828UA	1.5	17,600	12,900	12.5	42	28,000	22,400	325
CP851838UA	1.5	17,600	12,900	12.5	42	38,000	30,400	325
CP851851UA	1.5	17,600	12,900	12.5	42	51,000	40,800	325
CP851864UA	1.5	17,600	12,900	12.5	42	64,000	51,200	325
CP852428UA	2.0	22,400	15,600	12.3	40	28,000	22,400	350
CP852438UA	2.0	22,400	15,600	12.3	40	38,000	30,400	350
CP852451UA	2.0	22,400	15,600	12.3	40	51,000	40,800	350
CP852464UA	2.0	22,400	15,600	12.3	40	64,000	51,200	350

Electrical Data

Model	Voltage	Compressor		Condenser Motor			Blower Motor		Total Amps	MCA	MOP
		RLA	LRA	HP	FLA	LRA	HP	FLA			
CP850928UA	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	8.1	9.0	15
CP851228UA	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	9.3	10.5	15
CP851238UA	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	9.3	10.5	15
CP851828UA	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	10.7	12.3	15
CP851838UA	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	10.7	12.3	15
CP851851UA	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	10.7	12.3	15
CP851864UA	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	10.7	12.3	15
CP852428UA	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	14.2	16.3	25
CP852438UA	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	14.2	16.3	25
CP852451UA	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	14.2	16.3	25
CP852464UA	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	14.2	16.3	25

All specifications are subject to change without notice.

COMFORT PACK

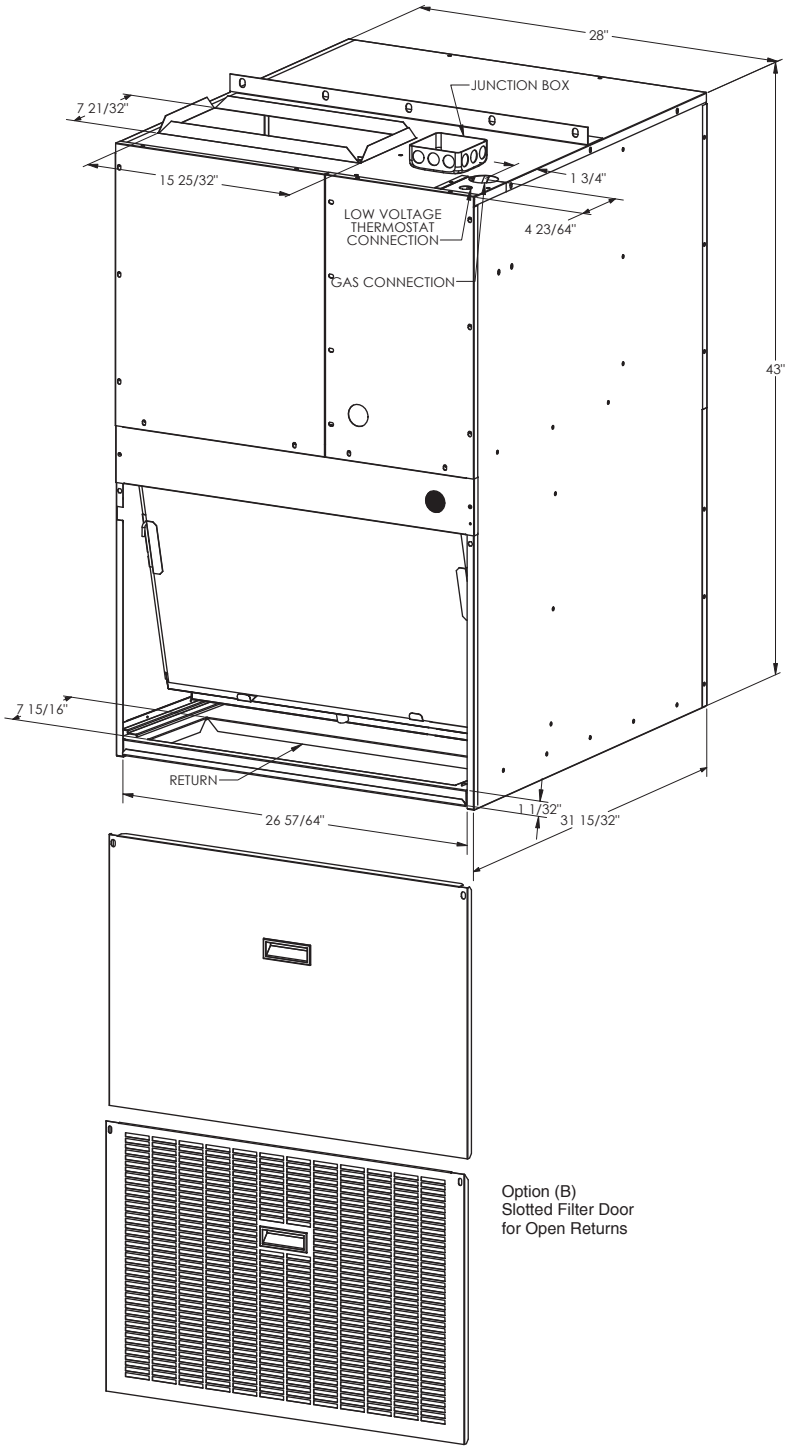
Project:

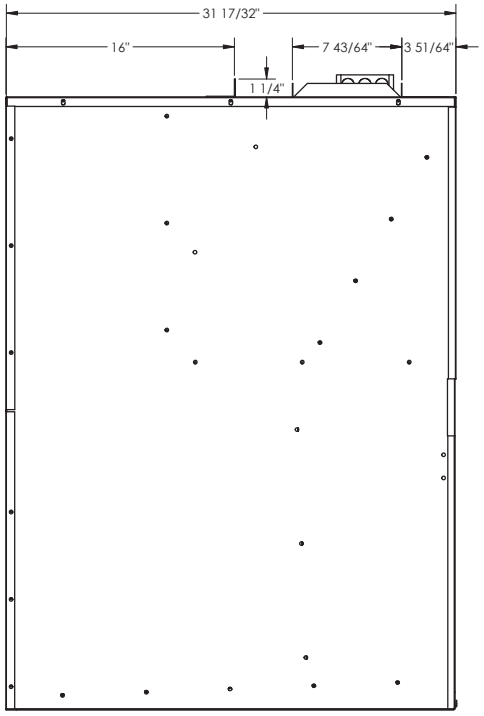
Air Flow Data

Model	Color	Speed Tap	ESP (in. wc)/CFM				
			0.1	0.2	0.3	0.4	0.5
CP8509**UA	Red	1	760	745	730	715	700
	Yellow	2	650	640	630	615	600
	Blue	3	560	535	520	510	500
	Black	4	440	425	410	390	370
	Orange	5	390	360	330	310	290
CP8512**UA	Red	1	760	745	730	715	700
	Yellow	2	650	640	630	615	600
	Blue	3	560	535	520	510	500
	Black	4	440	425	410	390	370
	Orange	5	390	360	330	310	290
CP8518**UA	Red	1	760	745	730	715	700
	Yellow	2	650	640	630	615	600
	Blue	3	560	535	520	510	500
	Black	4	440	425	410	390	370
	Orange	5	390	360	330	310	290
CP8524**UA	Red	1	870	850	830	810	790
	Yellow	2	760	745	730	715	690
	Blue	3	680	665	650	630	610
	Black	4	590	565	540	525	510
	Orange	5	440	425	410	400	390

Project:

Comfort Pack Universal with 80% Gas Heat





Side view

Option (B)
Slotted Filter Door
for Open Returns

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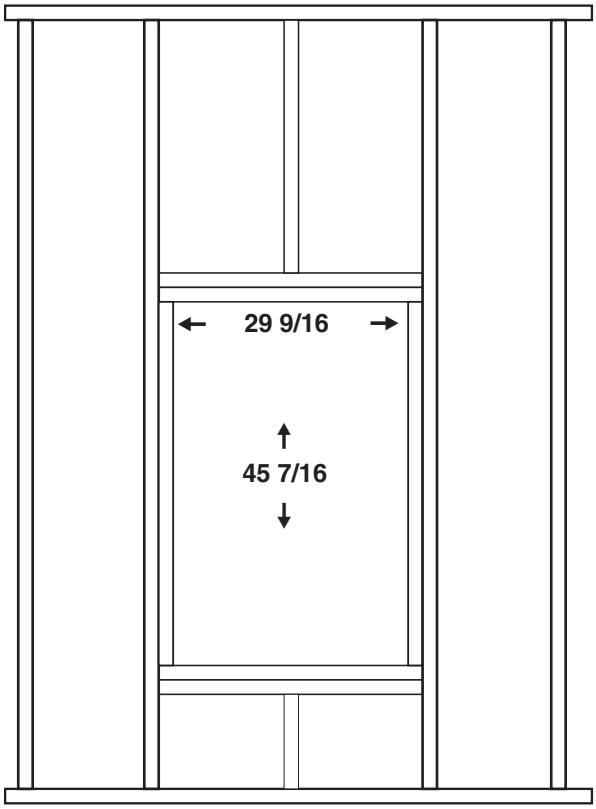
Project:

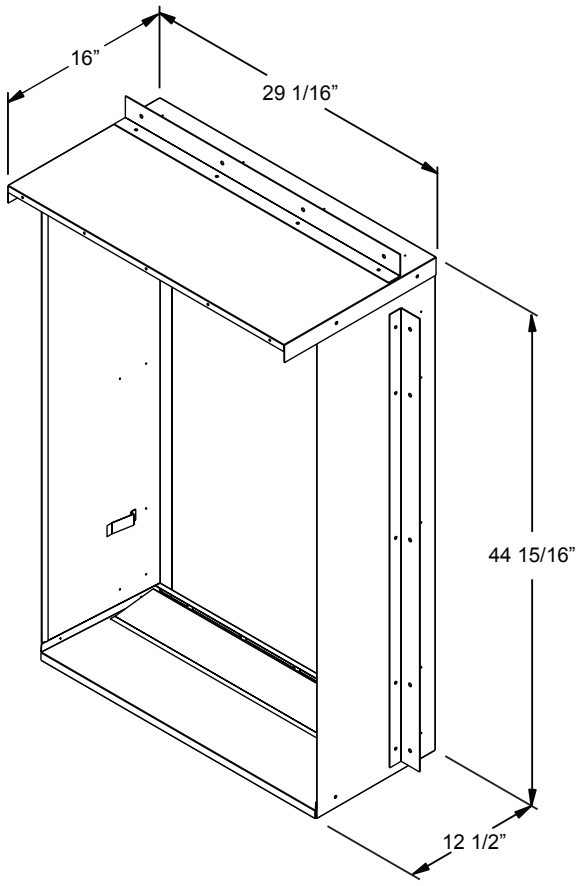
Wall Sleeve

CPWS

Rough In Dimensions



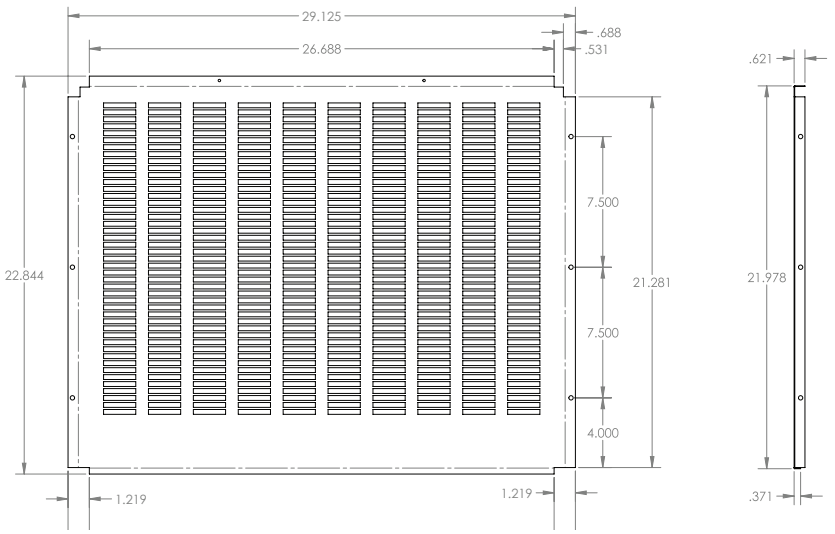
Actual Wall Sleeve Dimensions

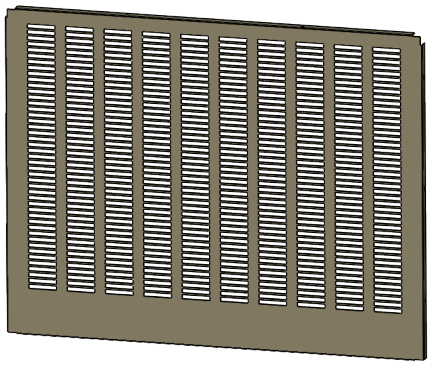


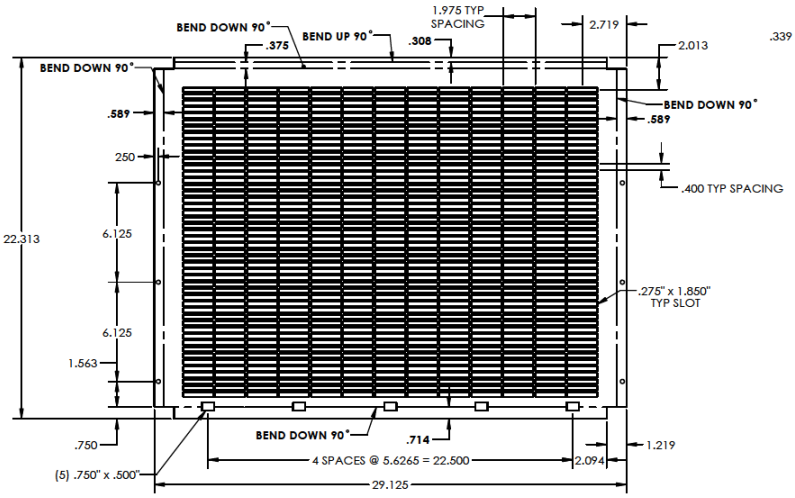
Project:

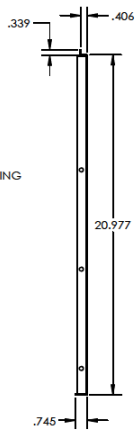
Universal
Powder Coated Standard Louver (Sleeve Mounted)

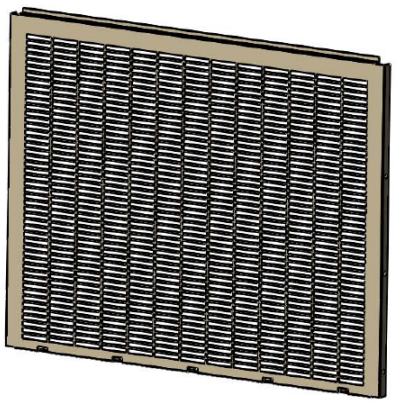
CPSG-P

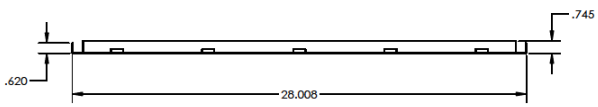










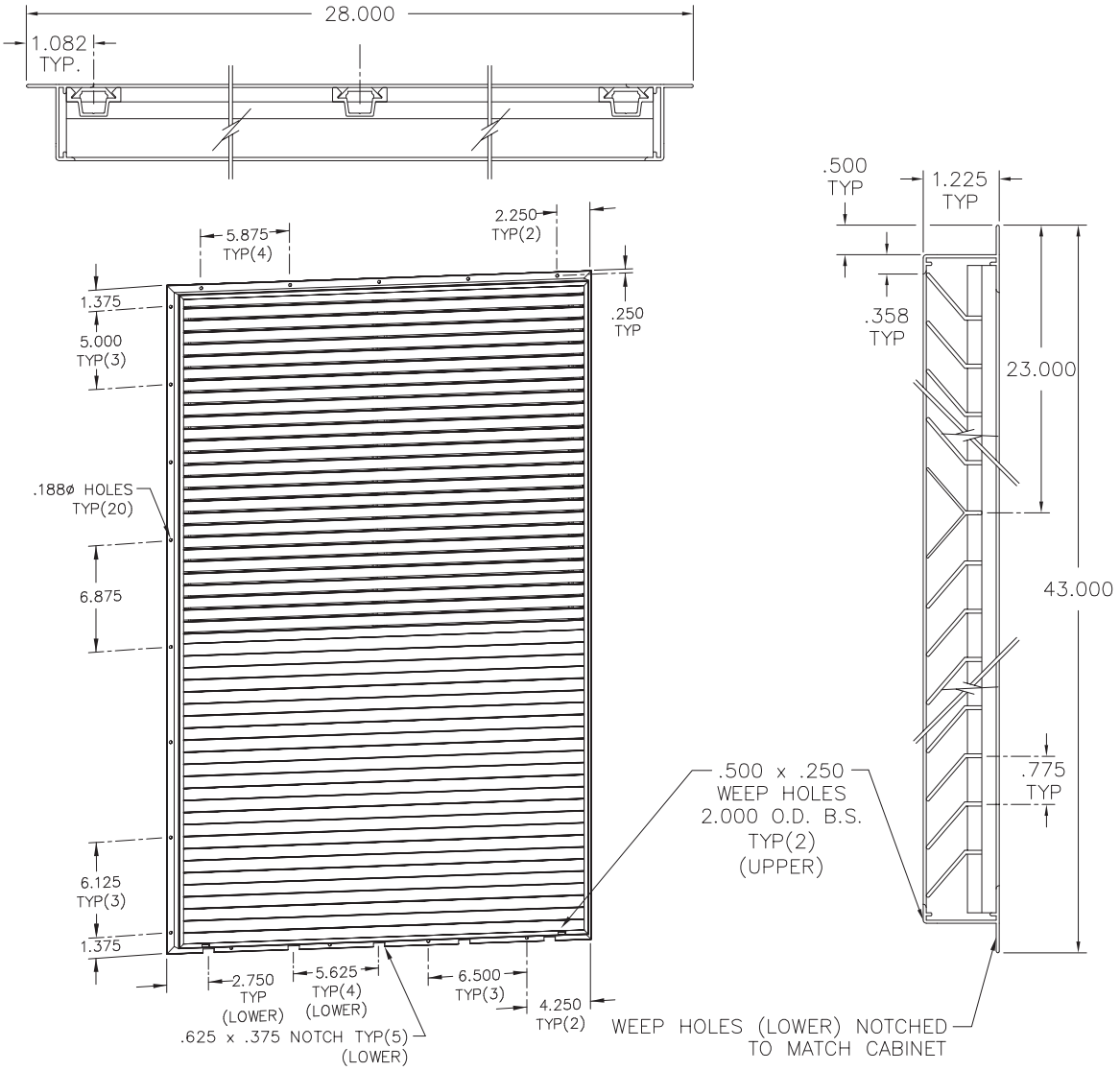


The CPSG-P version is a powder coated galvanized metal. It mounts to the Wall Sleeve and is recommended to be installed during the installation of the CPWS. (See page 7)

Project:

Universal Architectural Louver (Unit Mounted)

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

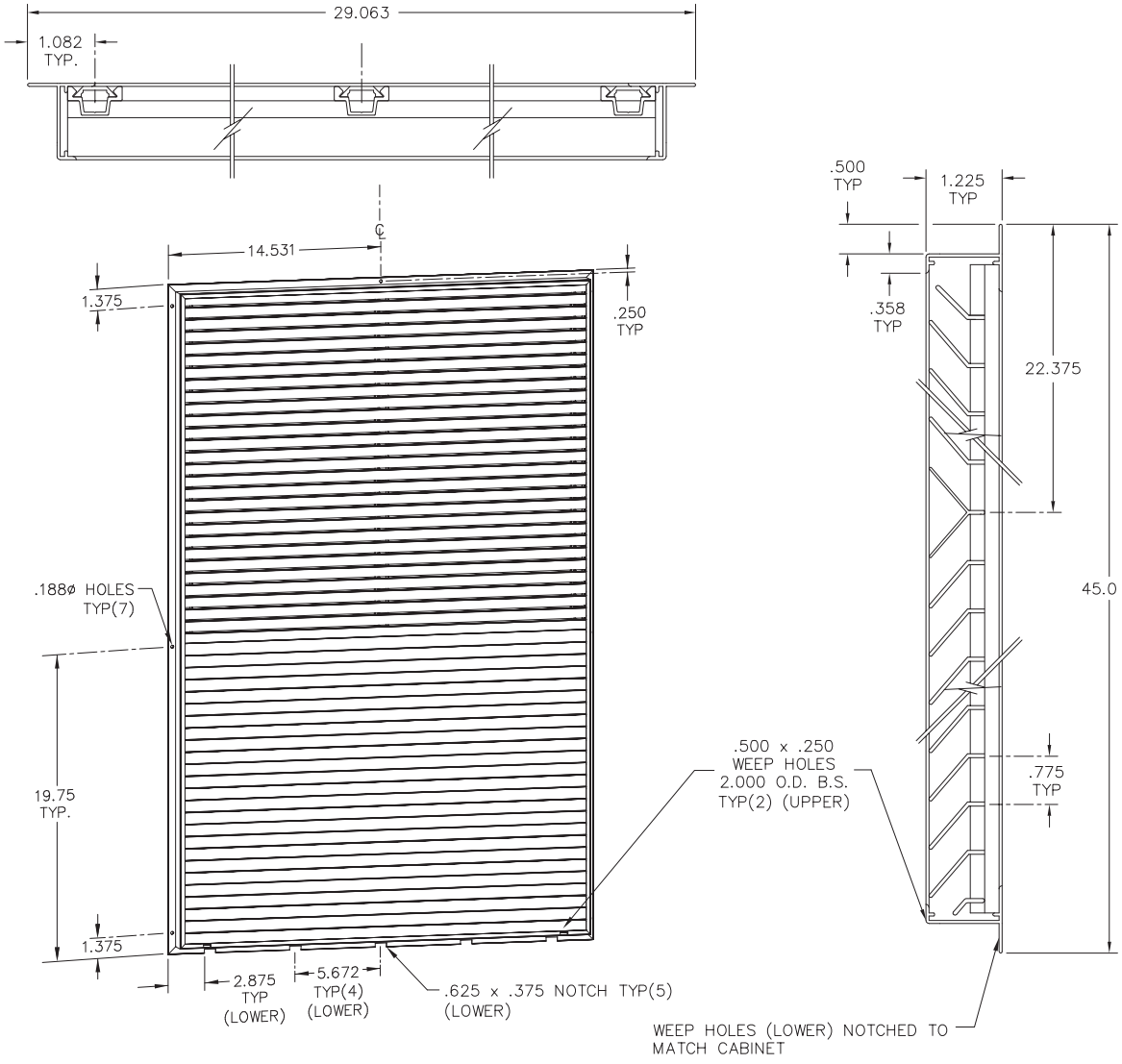


The CPLG & CPLG-P are Architectural Louvers available in anodized aluminum or a painted baked enamel finish. These Louvers are unit mounted.

Project:

Universal
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)

Notes

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