



Thru-the-Wall Comfort

Packaged Heating & Cooling

Comfort Pack Universal Electric Heat Submittal Data

For Approval

Project:

Purchaser:

Date:

Up to 12.5 SEER2



National Comfort Products
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Go Thru-the-Wall



Project:

Electric Heat Models

Plan Designation	Quantity	Model	Description	Page
		CPE50900UA	Comfort Pack Universal R454B 0.75 ton cooling, Optional Electric Heat, 208-230/1/60, 11.7 SEER2	7
		CPE51200UA	Comfort Pack Universal R454B 1.0 ton cooling, Optional Electric Heat, 208-230/1/60, 12.3 SEER2	7
		CPE51800UA	Comfort Pack Universal R454B 1.5 ton cooling, Optional Electric Heat, 208-230/1/60, 12.5 SEER2	7
		CPE52400UA	Comfort Pack Universal R454B 2.0 ton cooling, Optional Electric Heat, 208-230/1/60, 12.3 SEER2	7

Plan Designation	Quantity	Model	Description	Page
		CPEHK-03-A	3 kW Field Installed Electric Heat Kit	8
		CPEHK-05-A	5 kW Field Installed Electric Heat Kit	8
		CPEHK-07-A	7 kW Field Installed Electric Heat Kit	8
		CPEHK-10-A	10 kW Field Installed Electric Heat Kit	8
		CPEHK-15-A	15 kW Field Installed Electric Heat Kit	8



Project:

Options

Plan Designation	Quantity	Model	Description	Page
		CPWS	Comfort Pack Wall Sleeve	9
		CPSG-P	Comfort Pack Universal Stamped Grille Painted	10
		CPLG	Comfort Pack Universal Architectural Louver Grille	11
		CPLG-S	Comfort Pack Universal Architectural Louver Grille for Sleeve (Attaches to Wall Sleeve Only)	12
		CPLG-P	Comfort Pack Universal Architectural Louver Grille Painted (Attaches to Units Only)	11
		CPLG-SP	Comfort Pack Universal Architectural Louver Grille Sleeve Painted (Attaches to Wall Sleeve Only)	12
		A	Standard	NA
		B	Slotted Door	7
		C	without Rear Grille	NA
		D	Both B & C	NA



Project:

Performance Data

Up to 12.5 SEER2													
Model	Nominal Cooling Tons	Cooling Btu/h	Sensible Btu/h	SEER2	Charge R-454B (Oz.)	Heat Kit	Heating Btu/h		Heating kW		Heating Amps		Shipping Weight (lbs.)
							208V	230V	208V	230V	208V	230V	
CPE50900UA	0.75	8,900	6,500	11.7	26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	315
	0.75	8,900	6,500	11.7	26	CPEHK03	8,900	10,900	2.61	3.19	12.54	13.89	315
	0.75	8,900	6,500	11.7	26	CPEHK05	13,100	16,000	3.84	4.69	18.45	20.38	315
	0.75	8,900	6,500	11.7	26	CPEHK07	18,300	22,400	5.36	6.56	25.78	28.54	315
	0.75	8,900	6,500	11.7	26	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	315
	0.75	8,900	6,500	11.7	26	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	315
CPE51200UA	1.0	11,800	8,500	12.3	26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	315
	1.0	11,800	8,500	12.3	26	CPEHK03	8,900	10,900	2.61	3.19	12.54	13.89	315
	1.0	11,800	8,500	12.3	26	CPEHK05	13,100	16,000	3.84	4.69	18.45	20.38	315
	1.0	11,800	8,500	12.3	26	CPEHK07	18,300	22,400	5.36	6.56	25.78	28.54	315
	1.0	11,800	8,500	12.3	26	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	315
	1.0	11,800	8,500	12.3	26	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	315
CPE51800UA	1.5	17,600	12,900	12.5	38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	325
	1.5	17,600	12,900	12.5	38	CPEHK03	8,900	10,900	2.61	3.19	12.54	13.89	325
	1.5	17,600	12,900	12.5	38	CPEHK05	13,100	16,000	3.84	4.69	18.45	20.38	325
	1.5	17,600	12,900	12.5	38	CPEHK07	18,300	22,400	5.36	6.56	25.78	28.54	325
	1.5	17,600	12,900	12.5	38	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	325
	1.5	17,600	12,900	12.5	38	CPEHK15	39,000	48,000	11.43	14.06	54.94	61.15	325
CPE52400UA	2.0	22,400	15,600	12.3	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	350
	2.0	22,400	15,600	12.3	36	CPEHK03	8,900	10,900	2.61	3.19	12.54	13.89	350
	2.0	22,400	15,600	12.3	36	CPEHK05	13,100	16,000	3.84	4.69	18.45	20.38	350
	2.0	22,400	15,600	12.3	36	CPEHK07	18,300	22,400	5.36	6.56	25.78	28.54	350
	2.0	22,400	15,600	12.3	36	CPEHK10	26,000	32,000	7.62	9.38	36.63	40.77	350
	2.0	22,400	15,600	12.3	36	CPEHK15	39,000	48,000	11.43	14.06	54.94	61.15	350

All specifications are subject to change without notice.



Project:

Electrical Data

Model	Heat Kit	Voltage	Compressor		Condenser Motor			Blower Motor		Total Amps		MCA		MOP	
			RLA	LRA	HP	RLA	LRA	HP	RLA	208V	230V	208V	230V	208V	230V
CPE50900UA	N/A	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	8.1	8.1	9.0	9.0	15	15
	CPEHK03	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	15.2	16.5	19.0	20.6	20	25
	CPEHK05	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	21.0	23.0	26.3	28.7	30	30
	CPEHK07	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	28.4	31.2	35.5	39.0	40	40
	CPEHK10	208/230-1-60	3.5	21.8	1/4	2.0	--	1/3	2.6	39.3	43.3	49.2	54.1	50	60
CPE1200UA	N/A	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	9.3	9.3	10.5	10.5	15	15
	CPEHK03	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	15.2	16.5	19.0	20.6	20	25
	CPEHK05	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	21.0	23.0	26.3	28.7	30	30
	CPEHK07	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	28.4	31.2	35.5	39.0	40	40
	CPEHK10	208/230-1-60	4.7	28.7	1/4	2.0	--	1/3	2.6	39.3	43.3	49.2	54.1	50	60
CPE51800UA	N/A	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	10.7	10.7	12.3	12.3	15	15
	CPEHK03	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	15.2	16.5	19.0	20.6	20	25
	CPEHK05	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	21.0	23.0	26.3	28.7	30	30
	CPEHK07	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	28.4	31.2	35.5	39.0	40	40
	CPEHK10	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	39.3	43.3	49.2	54.1	50	60
	CPEHK15	208/230-1-60	6.3	32.7	1/4	1.8	3.6	1/3	2.6	38.6	42.5	48.1	53.0	50	60
CPE52400UA	N/A	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	14.2	14.2	16.3	16.3	25	25
	CPEHK03	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	16.4	17.7	20.5	22.1	25	25
	CPEHK05	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	22.2	24.2	27.8	30.2	30	35
	CPEHK07	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	29.6	32.4	37.0	40.5	40	45
	CPEHK10	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	40.5	44.5	50.7	55.6	60	60
	CPEHK15	208/230-1-60	8.4	41.2	1/4	2.0	--	1/2	3.8	38.8	42.6	49.1	54.0	50	60
										20.4	22.3	24.6	27.0	25	30



Project:

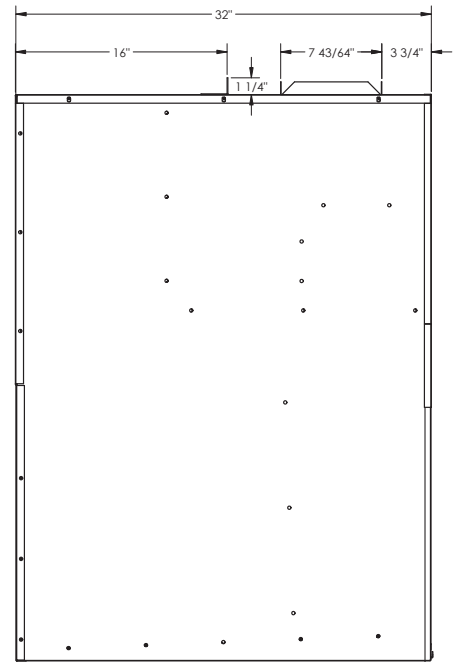
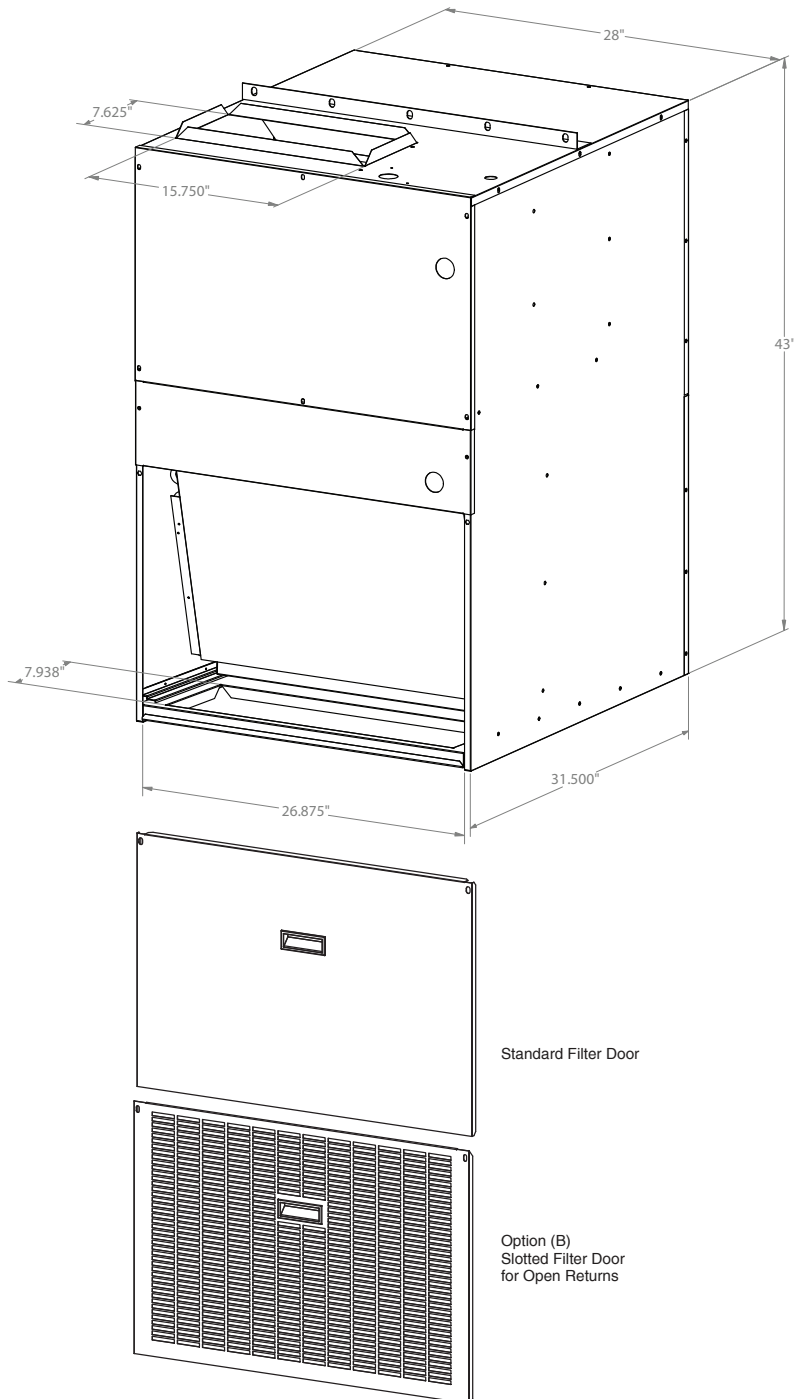
Air Flow Data

Models	Color	Speed Tap	ESP (in. wc) / CFM				
			0.1	0.2	0.3	0.4	0.5
CPE50900UA	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
CPE51200UA	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
CPE51800UA	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
CPE52400UA	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 Electric Heat Option



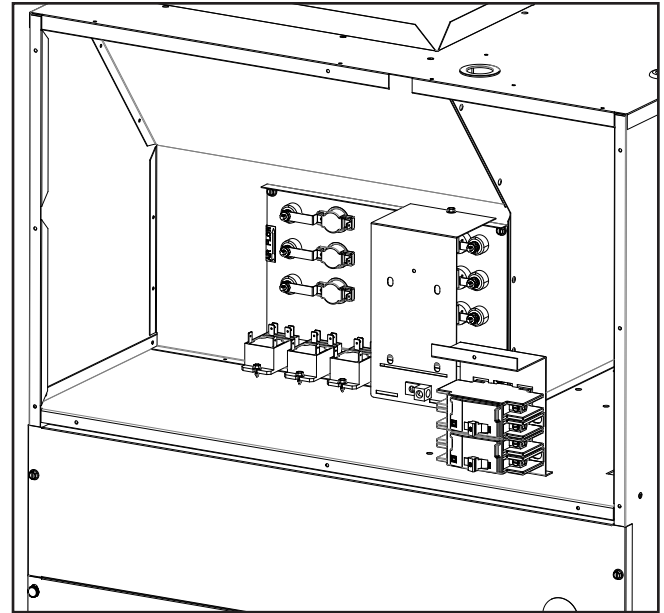
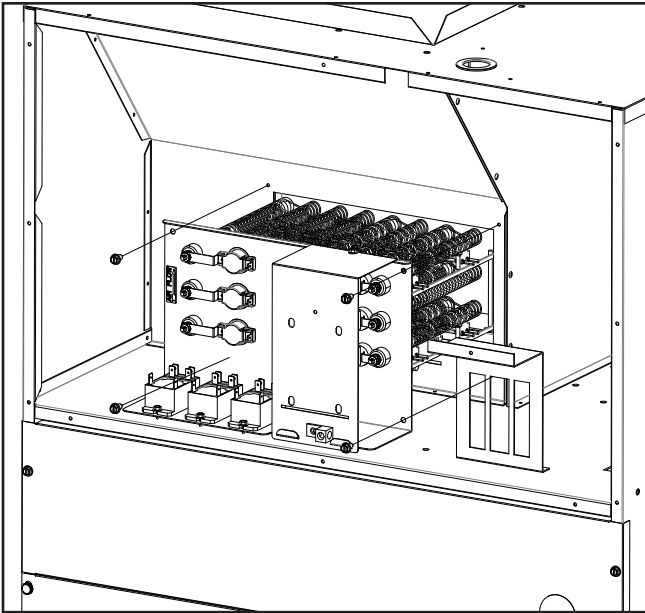
Side view

NOTE: Unit must be mounted a minimum of 8 inches above finished floor.
See installation guide for vent termination clearances



Project:

Electric Heat Kits



NOTE: Field Installed Heat Kit (15kW shown)

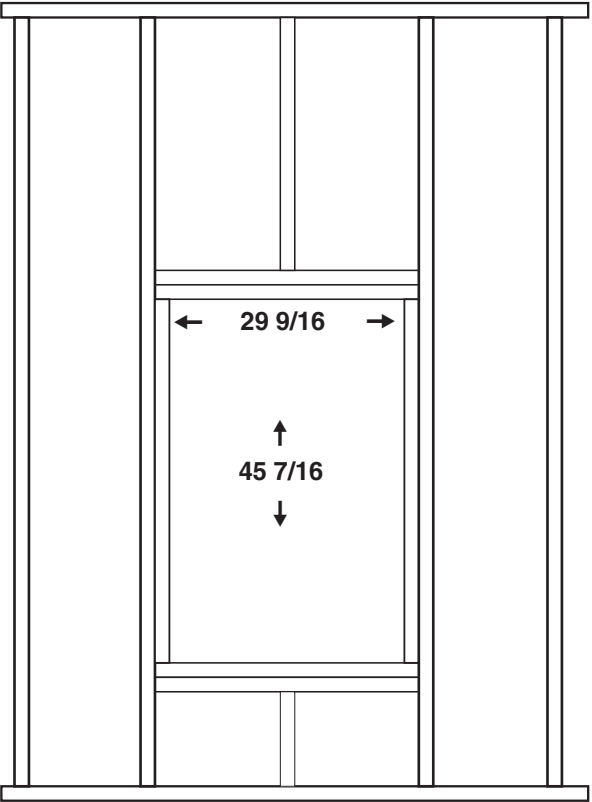


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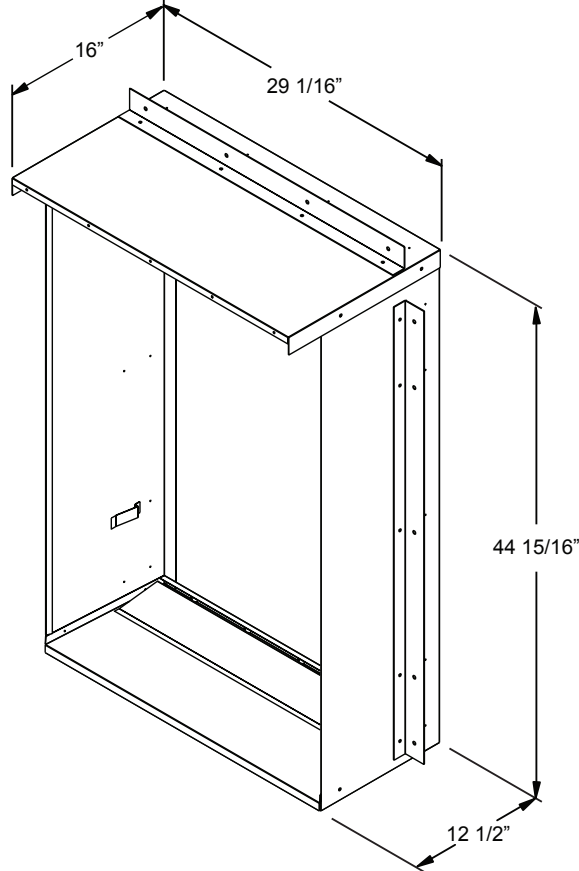
Wall Sleeve

CPWS

Rough In Dimensions



Actual Wall Sleeve Dimensions

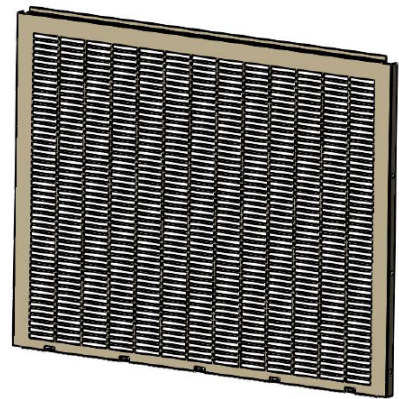
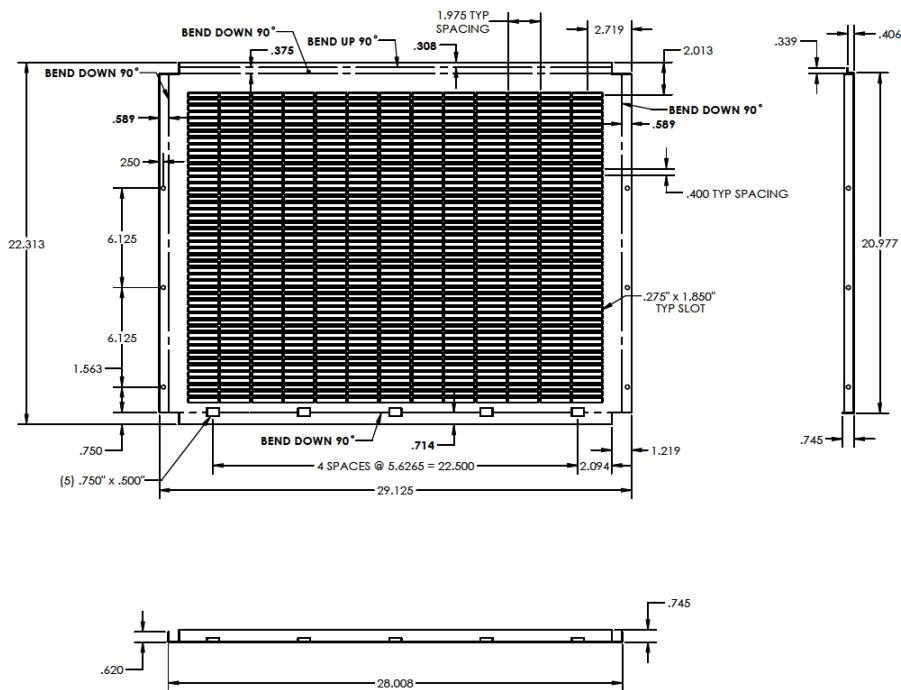
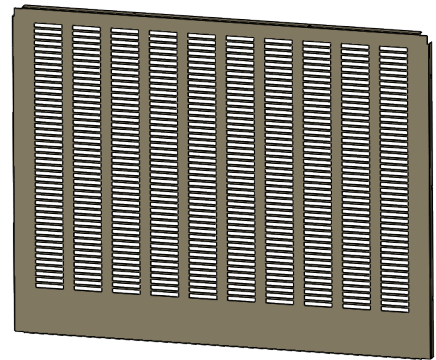
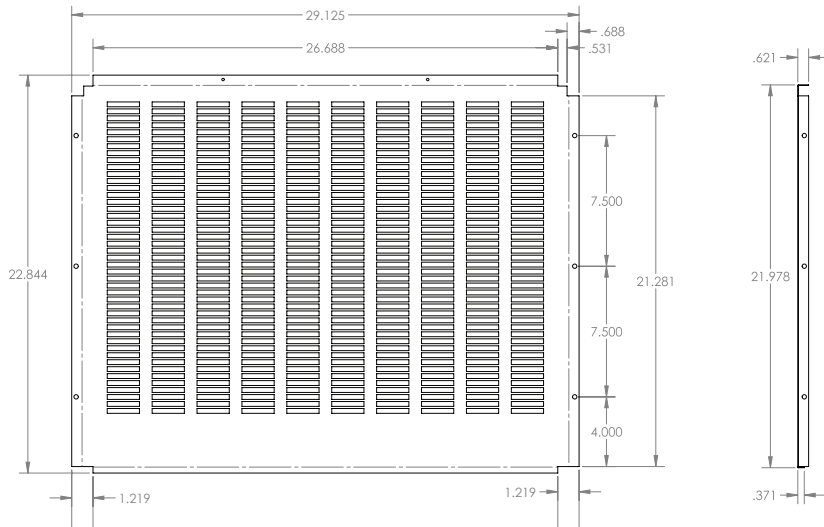




Project:

Universal Powder Coated Standard Louver (Sleeve Mounted)

CPSG-P

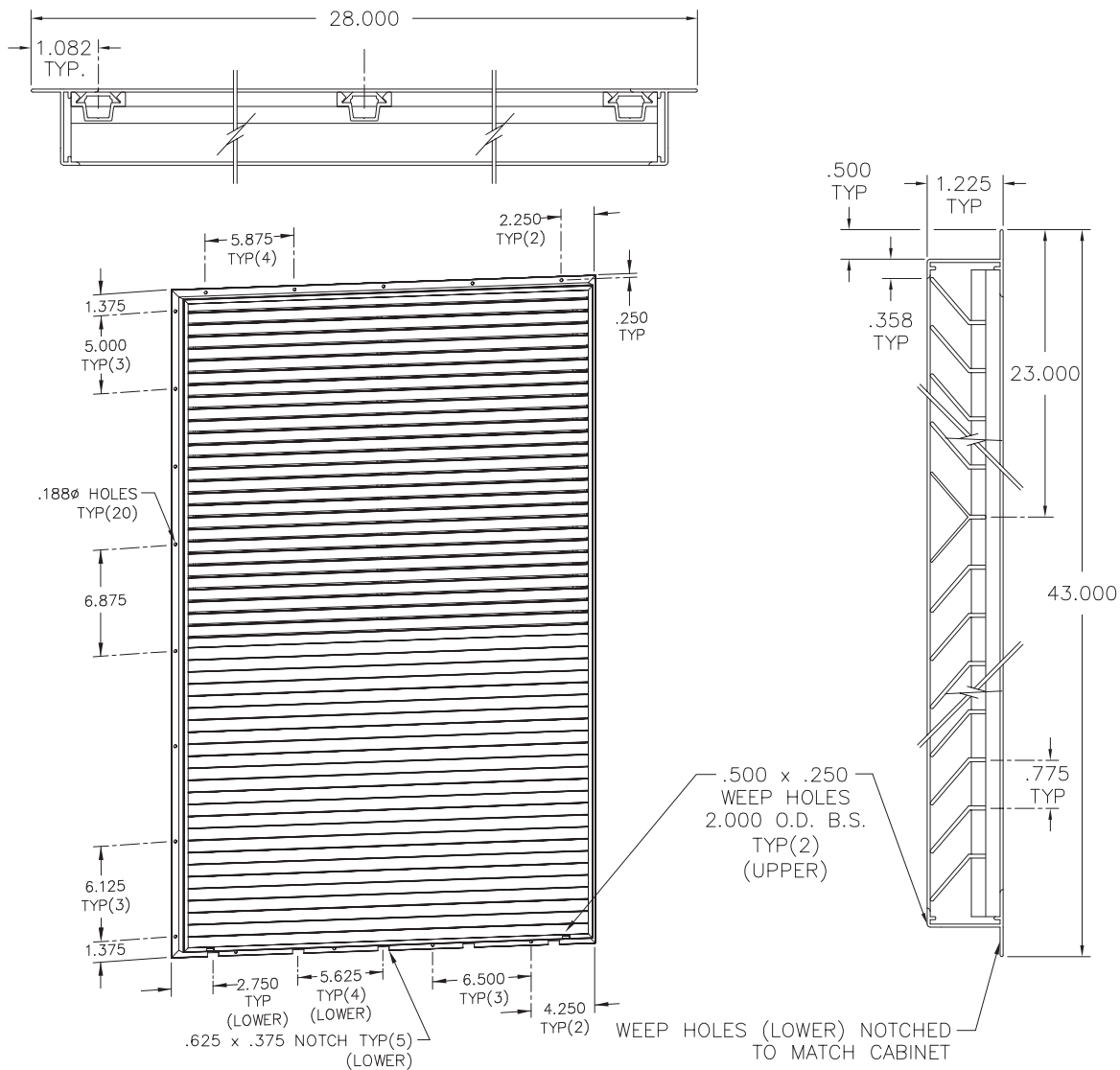


The CPSG-P version is a powder coated galvanized metal. It mounts to the Wall Sleeve and is recommended to be installed during the installation of the CPWS. (See page 9)

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.

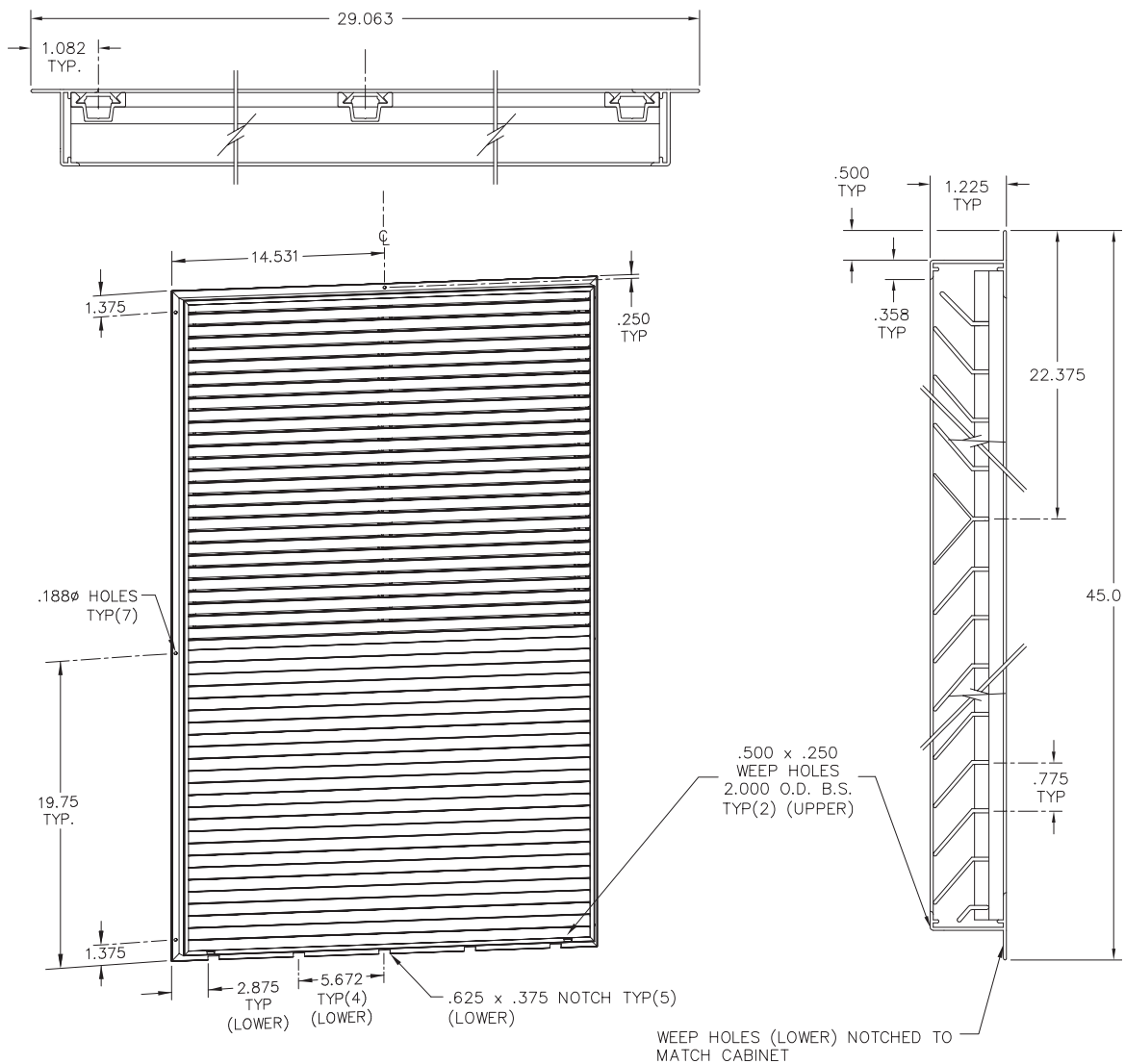


Project:

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 9)

Notes



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