Goodman
Air Conditioning & Heating

CAPF, CAUF,CAPT, CHPF, & CSCF
Dual-Refrigerant Series

Submittal Data Form

Job Name _____

Location _____

Purchaser _____

Order No. _____

Engineer _____

Unit No. _____

Model No. _____

Unit Designation _____

Performance Data Certified By:

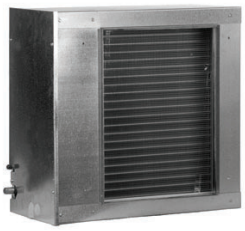
_____

CAUF
Uncased

CAPF
Cased

CHPF
Horizontal "A"

CAPT
Cased with TXV Option



CSCF
Horizontal Slab

Standard Features

- Suitable for use with R-410A and R-22 refrigerants
- Rust-proof thermoplastic drain pans feature a low water-retention design
- Check flowrater expansion device for heat pump or cooling-only applications
- Rifled aluminum tubing and louvered aluminum fin coils

Cased Coil Cabinet Features

- Foil-face insulation
- Galvanized leather-grain finish
- Architectural Gray paint finish on CA and CH cased coils
- Split-seam front for easy access
- 17½", 21", and 24½" CHPF coils have one 3½" adapter plate
- 17½", 21", and 24½" CAPF coils have two 1¾" adapter plates

Note: Do not use these coils on oil furnaces or any applications where the temperature on the drain pan may exceed 300°F. If these coils are applied with an oil furnace or another application where high temperatures threaten or jeopardize the durability of the drain pan, you must replace the factory-installed drain pan with a high-temperature drain pan. High -temperature drain pan kits are available as field-installed accessories.

10 YEAR PARTS LIMITED WARRANTY*

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration not required in California or Quebec.

Performance Data for Split System

Outdoor Unit: _____

Cooling Performance

Total Capacity	_____	MBH
Sensible Capacity	_____	MBH
Outdoor Design TMP	_____	ºF DB / WB
Air Temp entering Evaporator Coil	_____	ºF DB / WB
Power Input Required (less blower motor)	_____	kW

Coil Unit: _____

Expansion Device		Type
Line Sets (total Length)	_____	Ft.

Indoor Unit: _____

Heating Performance

Total Heating Capacity	_____	kW
	_____	BTU/h

Supply Air Blower Performance

Total Supply Air	_____	CFM
Ext. Static Pressure	_____	IWG
Blower Speed	_____	RPM
Power Output Required	_____	BHP
Motor Ratings	_____	HP
Power Input Required	_____	kW

Electrical Data

Power Supply _____

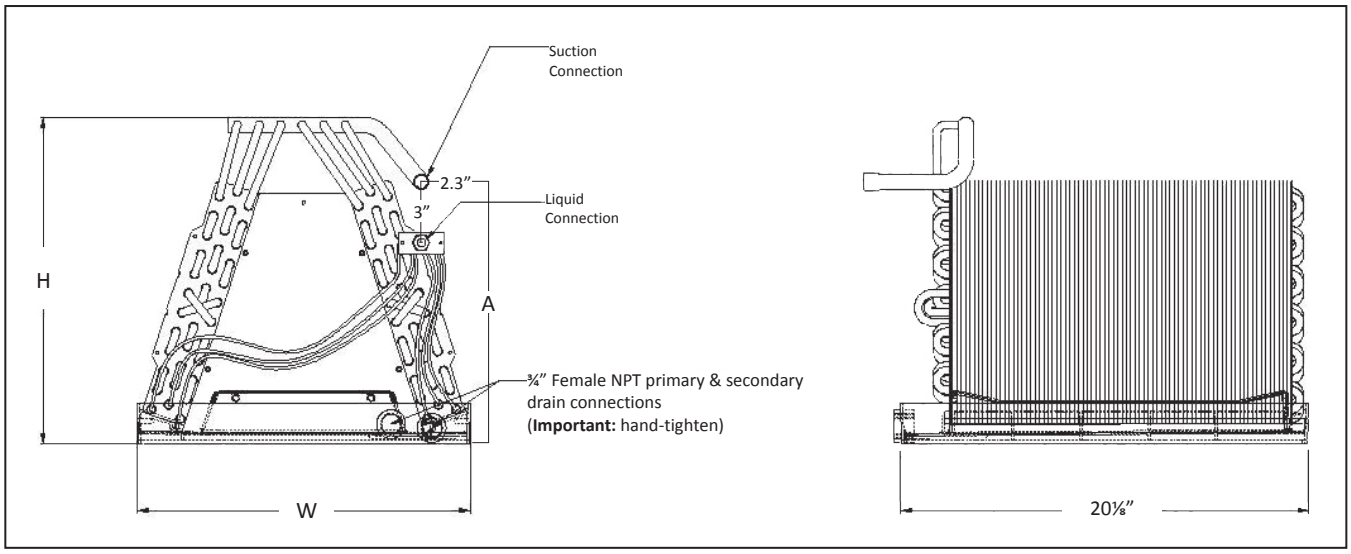
Total Unit Amps _____

Max Overcurrent Device:

Fuse _____ Breaker _____ Amps _____

Notes

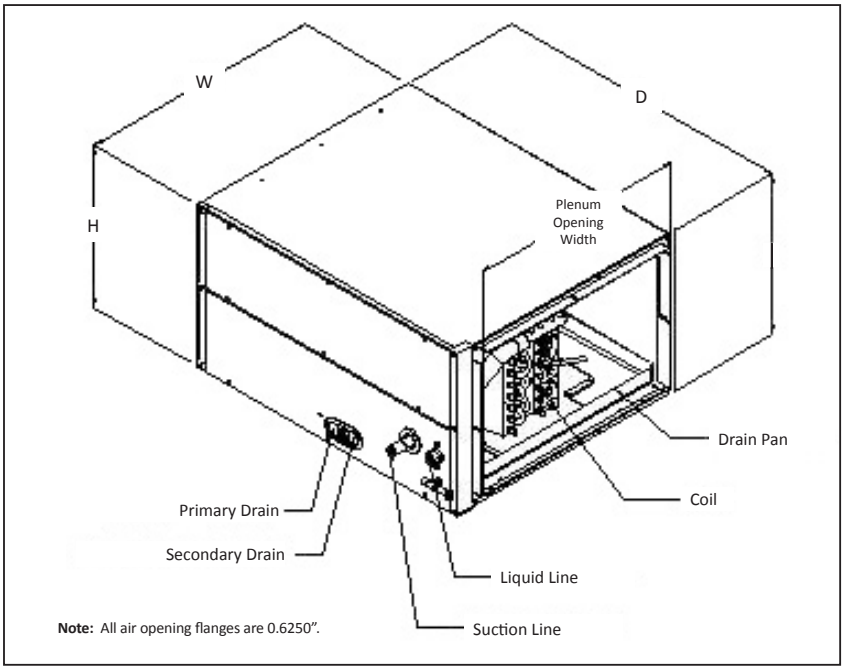
CAUF Uncased Coils — Dimensions



Model	Dimensions		
	W	H	A
CAUF1824A6	13″	16¼"	13"
CAUF1824B6	16½″	16⅛"	13"
CAUF1824C6	20″	16⅜"	17"
CAUF3030A6	13"	20 1/16"	17"
CAUF3030B6	16½″	18¾"	17"
CAUF3030C6	20″	17⅞"	17"
CAUF3030D6	23″	17⅞"	17"
CAUF3131B6	16½″	20 1/16"	17"
CAUF3131C6	20″	20"	17"
CAUF3636A6	13"	19½"	17
CAUF3636B6	16½″	19⅜"	17

Model	Dimensions		
	W	H	A
CAUF3636C6	20″	19⅛"	17
CAUF3636D6	23"	19⅛"	17
CAUF3642C6	20″	19"	17
CAUF3642D6	23″	19⅞"	17
CAUF3743C6	20″	28 1/16"	25"
CAUF3743D6	23″	27⅜"	25"
CAUF4860C6	20″	28"	25"
CAUF4860D6	23″	28"	25"
CAUF4961C6	20″	28"	25"
CAUF4961D6	23″	27"	25"

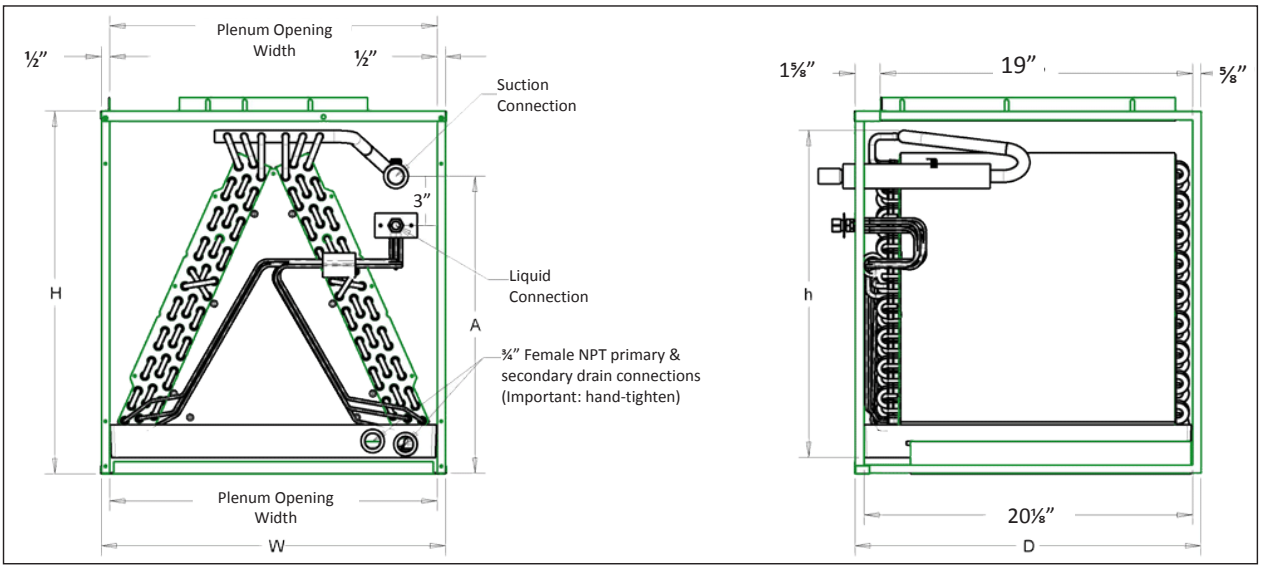
CHPF — Cased Horizontal "A" Indoor Coil — Dimensions



Model	Cabinet Dimens.			Plenum Opening		Evap Coil Face Area*	Coil Dimens.	
	W	D	H	W	H		W	H
CHPF1824A6	21⅛"	26"	14"	19"	13"	3⅓	20⅛"	12"
CHPF2430B6	21⅛"	26"	17½"	19"	16½"	4½	20⅛"	16"
CHPF3636B6	21⅛"	26"	17½"	19"	16½"	4⅓	19½"	16"
CHPF3642C6	21⅛"	26"	21"	19"	20"	4⅓	19½"	16"
CHPF3642D6	21⅛"	26"	24½"	19"	23½"	6	19½"	22"
CHPF3743C6	21⅛"	26"	21"	19"	20"	4⅓	19½"	16"
CHPF3743D6	21⅛"	26"	24½"	19"	23½"	6	19½"	22"
CHPF4860D6	21⅛"	26"	24½"	19"	23½"	6	19½"	22"

* (ft^2)

CAPF Cased Upflow/Downflow Indoor Coils — Dimensions

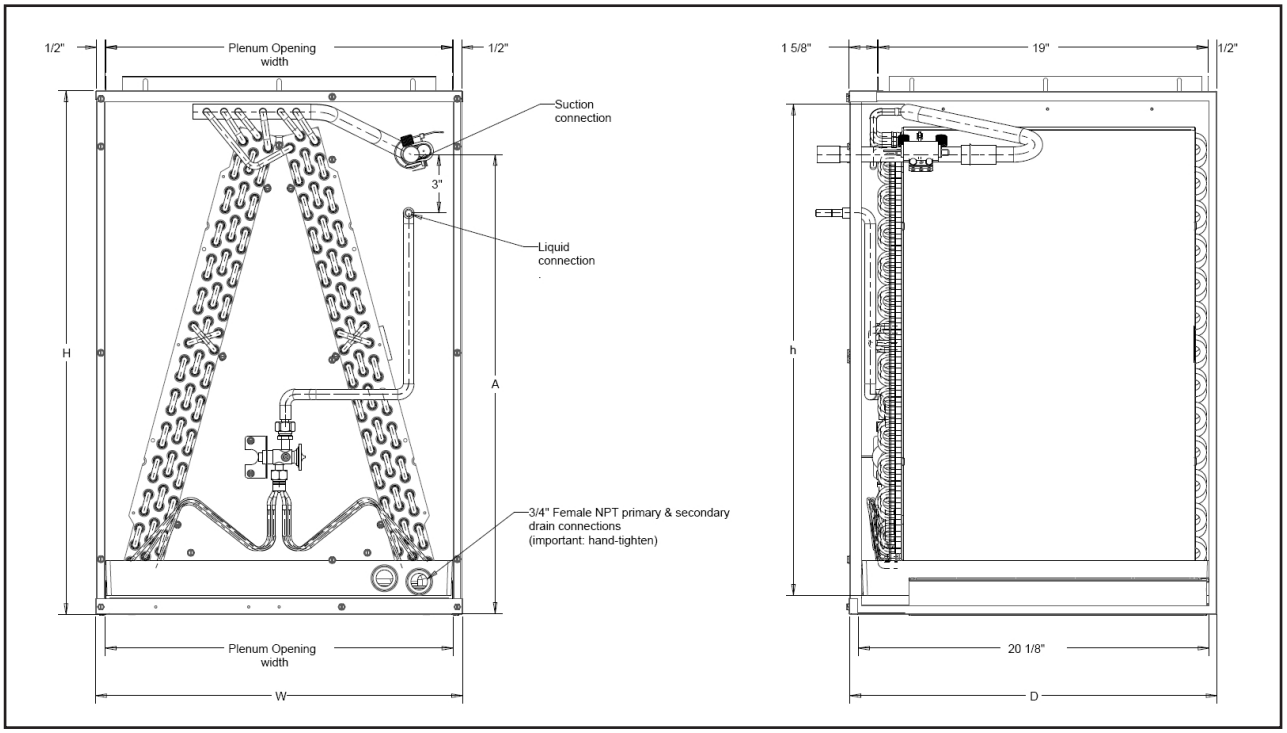


Model	Cabinet Dimens.			Plenum Opening		Evap Coil Face Area*	Coil Dimens.	
	W	D	H	W	H		W	H
CAPF1824A6	14"	21"	18"	13"	17"	3¼	16¾"	14"
CAPF1824B6	17½"	21"	18"	16½"	17"	$3^{5}/_{7}$	16¾"	16"
CAPF1824C6	21"	21"	22"	20"	21"	3¼	16¾"	14"
CAPF3030A6	14"	21"	22"	13"	21"	3¾	16¾"	16"
CAPF3030B6	17½"	21"	22"	16½"	21"	3¾	16¾"	16"
CAPF3030C6	21"	21"	22"	20"	21"	3¾	16¾"	16"
CAPF3030D6	24½"	21"	22"	23½"	21"	3¾	16¾"	16"
CAPF3131B6	17½"	21"	22"	16½"	21"	$4^{1}/_{5}$	16¾"	18"
CAPF3131C6	21"	21"	26"	20"	25"	4⅓	16¾"	20"
CAPF3636A6	14"	21"	22"	13"	21"	3¾	16¾"	16"
CAPF3636B6	17½"	21"	22"	16½"	21"	3¾	16¾"	16"

Model	Cabinet Dimens.			Plenum Opening		Evap Coil Face Area*	Coil Dimens.	
	W	D	H	W	H		W	H
CAPF3636C6	21"	21"	22"	20"	21"	3¾	16¾"	16"
CAPF3636D6	24½"	21"	22"	23½"	21"	3¾	16¾"	16"
CAPF3642C6	21"	21"	22"	20"	21"	$4^{1}/_{5}$	16¾"	18"
CAPF3642D6	24½"	21"	22"	23½"	21"	$4^{1}/_{5}$	16¾"	18"
CAPF3743C6	21"	21"	30"	20"	29"	6	16¾"	26"
CAPF3743D6	24½"	21"	30"	23½"	29"	6	16¾"	26"
CAPF4860C6	21"	21"	30"	20"	29"	6	16¾"	26"
CAPF4860D6	24½"	21"	30"	23½"	29"	6	16¾"	26"
CAPF4961C6	21"	21"	30"	20"	29"	6	16¾"	26"
CAPF4961D6	24½"	21"	30"	23½"	29"	6	16¾"	26"

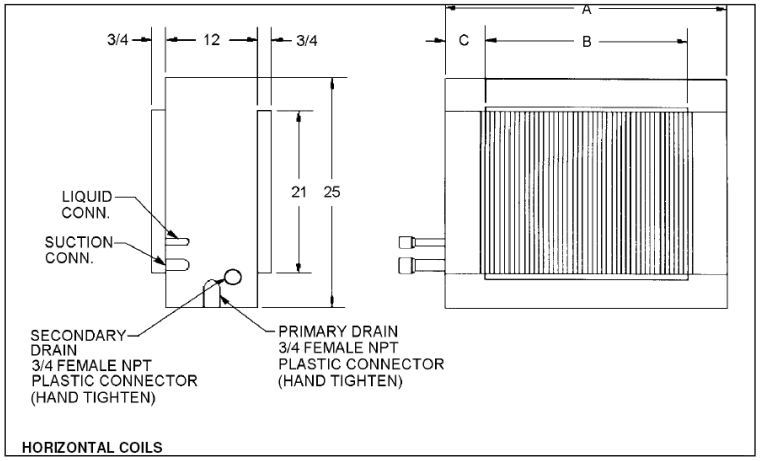
* (ft^2)

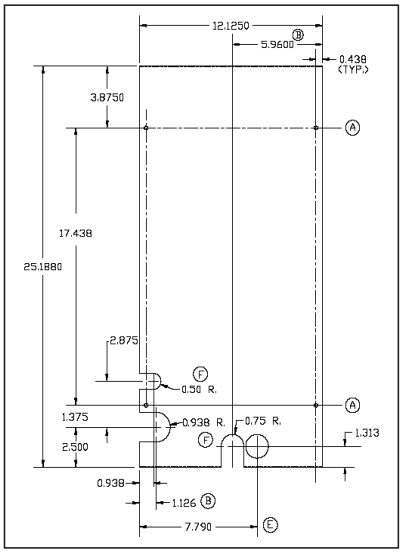
CAPT — Cased Upflow/Downflow Indoor Coil — Dimensions



Model	Cabinet Dimensions				Plenum Width	Coil Dimensions	
	W	D	H	h		W	H
CAPT3131B4	17½”	21”	22”	20 1/16"	16½”	16¾”	18”
CAPT3131C4	21”	21”	26”	20"	20”	16¾”	20”
CAPT3743C4	21”	21”	30”	28 1/16"	20”	16¾”	26”
CAPT3743D4	24½”	21”	30”	27⅜"	23½”	16¾”	26”
CAPT4961C4	21”	21”	30”	28"	20”	16¾”	26”
CAPT4961D4	24½”	21”	30”	27"	23½”	16¾”	26”

CSCF Horizontal Slab Evaporator Coils — Dimensions





Model	Cabinet Dimens.			Plenum Opening			Coil Dimens.	
	W (A)	D	H	W (B)	H	C	W	H
CSCF1824N6	25½”	12”	25”	16”	21”	6”	19¾”	24”
CSCF3036N6	33½”	12”	25”	24”	21”	6”	28”	24”
CSCF3642N6	39½”	12”	25”	30”	21”	6”	34”	24”
CSCF4860N6	39½”	12”	25”	30”	21”	6”	34”	24”

Accessories

Expansion Valve Kits

Kit #	Description	Application	Refriger-ant	Tonnage: Outdoor Unit	√
XVB18-36C	20% Bleed Valve	AC Only	R-22	1½ - 3 Ton	
XVB42-60C	20% Bleed Valve	AC Only	R-22	3½ - 5 Ton	
XV18-36C	Non-bleed Valve	AC Only	R-22	1½ - 3 Ton	
XV42-60C	Non-bleed Valve	AC Only	R-22	3½ - 5 Ton	
TX2N2	Non-bleed Valve	AC or HP	R-22	1½ - 2 Ton	
TX3N2	Non-bleed Valve	AC or HP	R-22	2½ - 3 Ton	
TX5N2	Non-bleed Valve	AC or HP	R-22	3½ - 5 Ton	
TX2N4	Non-bleed Valve	AC or HP	R-410A	1½ - 2 Ton	
TX3N4	Non-bleed Valve	AC or HP	R-410A	2½ - 3 Ton	
TX5N4	Non-bleed Valve	AC or HP	R-410A	3½ - 5 Ton	

Note: Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

Drain Pan Kits

Pan Kits	Furnace Size	√
HTP-A	14” furnaces	
HTP-B	17½” furnaces	
HTP-C	21” furnaces	
HTP-D	24½” furnaces	