

PRODUCT SPECIFICATIONS



Air Conditioning & Heating

CPLE SERIES 10 SEER

Split System Heat Pump

1½ to 5 Ton



The CPLE split system heat pump is designed for ground-level or rooftop mount application.



Standard Features

- Energy-efficient compressor with internal high-pressure relief
- Louvered guard protects coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Quiet operating top discharge
- Totally enclosed and permanently lubricated condenser motor
- Copper tube, aluminum fin coil
- Brass liquid and suction service valves with sweat connections
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid line filter drier
- Discharge line muffler
- Suction line accumulator
- Check-flowrate expansion device
- Time initiated, temperature-terminate defrost
- Low-pressure control for loss of charge protection
- Crankcase heater (where indicated)

Cabinet Construction

- Polyester powder paint provides premium durability and improved UV protection
- Heavy gauge, zinc-clad, G90 galvanized steel
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

Air Handler and Coil Compatibilities

- ARUF, ARPT and AEPT multi-position electric heat air handlers
- ARPF dedicated downflow electric heat air handler
- AWB vertical wall-mounted electric heat air handler
- AH vertical wall-mounted hydronic heat air handler
- AC ceiling-mounted electric heat air handler
- ACHP ceiling-mounted hydronic heat air handler
- MBR/MBE modular blower
- CA, CH and H indoor coils

Accessories

- Standard Room Thermostat with 1-stage cool/2-stage heat (HPT18-60)
- Digital Room Thermostat with 1-stage cool/2-stage heat (CHTP18-60HD)
- Outdoor Lockout Thermostat/Emergency Heat Relay Kit for staging electric heat (OT/EHR18-60)
- Outdoor Thermostat (OT18-60); required for all heat pumps if outdoor ambient temperature is 0° F with 50% or higher relative humidity



PRODUCT SPECIFICATIONS

Specifications

Model	Service Valve		Type	Approximate Shipping Weight (pounds)
	Liquid	Suction		
CPLE18-1B/-1C	3/8"	3/4"	Sweat	127
CPLE24-1B/-1C	3/8"	3/4"	Sweat	137
CPLE30-1A/-1C	3/8"	3/4"	Sweat	140
CPLE36-1A/-1C	3/8"	3/4"	Sweat	152
CPLE42-1B/-1C	3/8"	7/8"	Sweat	162
CPLE48-1A/-1C	3/8"	7/8"	Sweat	178
CPLE48-3A/-3C	3/8"	7/8"	Sweat	178
CPLE60-1/-1C	3/8"	7/8"	Sweat	210
CPLE60-3/-3C	3/8"	7/8"	Sweat	210

Electrical Data

Model	Volts	Ph	Hz	Minimum Circuit Amps ¹	Maximum Overcurrent Protection ²	Minimum Volts	Maximum Volts	Compressor		Condenser Fan	
								RLA	LRA	FLA	HP
*CPLE18-1B/-1C	208/230	1	60	13.1	20	197	253	9.4	49	1.3	1/6
*CPLE24-1B/-1C	208/230	1	60	17.6	30	197	253	13.0	56	1.3	1/6
*CPLE30-1A/-1C	208/230	1	60	18.4	30	197	253	13.7	75	1.3	1/6
*CPLE36-1A/-1C	208/230	1	60	22.1	30	197	253	16.2	96	1.8	1/4
*CPLE42-1B/-1C	208/230	1	60	23.2	40	197	253	17.1	105	1.8	1/4
*CPLE48-1A/-1C	208/230	1	60	24.6	40	197	253	18.3	102	1.8	1/4
*CPLE48-3A/-3C	208/230	3	60	17.6	30	197	253	12.6	91	1.8	1/4
**CPLE60-1/-1C	208/230	1	60	33.1	50	197	253	25.0	150	1.8	1/4
**CPLE60-3/-3C	208/230	3	60	21.1	30	197	253	15.4	124	1.8	1/4

1) Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

2) May use fuses or HACR type Circuit Breakers of the same size as noted

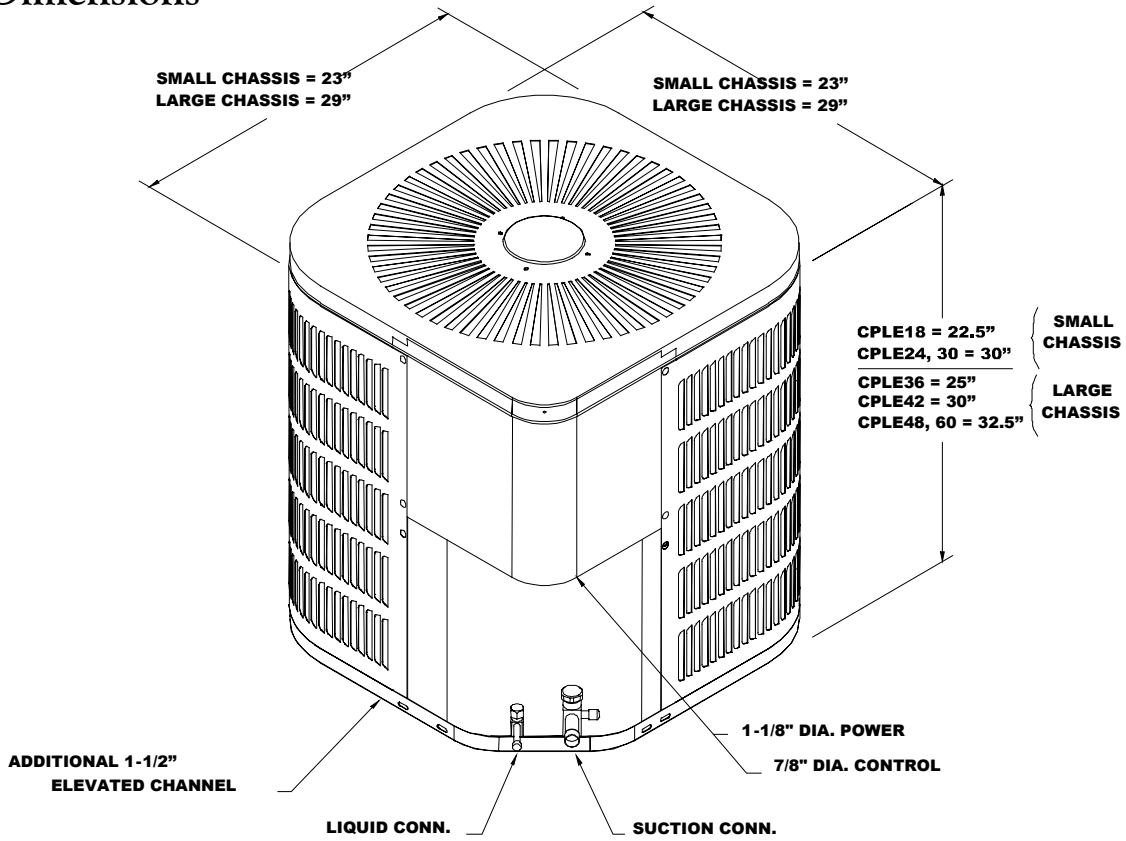
3) The -*C models are painted Architectural Gray. All other models are painted Bahama Beige.

* With Crankcase Heat

**Uses Scroll Compressor

PRODUCT SPECIFICATIONS

Dimensions



PRODUCT SPECIFICATIONS

Performance Ratings (cont.)

Model Outdoor Section	Model Indoor Section	Total Cooling BTUH (1)	Sensible Cooling BTUH	(2) BTUH @ 75 F / 63 F-95F		Cooling SEER	Cooling EER (3)	Heating BTUH 47 F	Heating COP 47 F	Heating BTUH 17f	Heating COP 17 F	Heating HSPF	Decibels
				Total	Sens								
CPLE42-1B/-1C	HT4248/U47/UC47+EEP	39,000	29,000	37,000	28,700	10.00	9.00	39,000	3.00	20,000	2.00	7.30	80
	ARUF042/ARPT042	40,000	29,600	37,800	29,200	10.00	9.00	40,000	3.10	20,800	2.10	7.50	
	ARUF048	40,000	31,600	38,700	30,200	10.00	9.00	41,000	3.10	21,000	2.10	7.50	
	U49/UC49/U48/UC48+EEP	40,000	31,600	38,700	30,200	10.00	9.00	41,000	3.10	21,000	2.10	7.50	
	HT4860/H49F+EEP	41,000	31,600	38,700	30,200	10.50	9.50	41,000	3.10	21,000	2.10	7.50	
	ARPF048/ARUF049/ARPT049	41,000	31,800	38,700	30,200	10.50	9.50	41,500	3.30	22,000	2.20	7.50	
	CA*F048*2A+EEP	40,000	29,600	37,800	29,200	10.00	9.00	41,000	3.20	21,000	2.10	7.50	
	CHPF042B2A+EEP	39,000	29,000	37,000	28,700	10.00	9.00	39,000	3.00	20,000	2.00	7.30	
	CHPF048D2A+EEP	41,000	31,600	38,700	30,200	10.50	9.50	41,000	3.20	21,000	2.10	7.50	
CPLE48-1A/-1C	U62/UC62+EEP	45,000	34,300	42,300	32,000	10.00	9.00	44,000	3.00	25,000	2.00	7.50	80
	ARPF048/ARUF049/ARPT049	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	U60/UC60+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	HT4860/H60F+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	ARPF060/ARUF061/ARPT061	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	U61/UC61+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	HT61/H61F+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.20	26,000	2.15	7.50	
	CA*F060*2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	CA*F061*2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
	CHPF048D2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	44,500	3.10	25,400	2.10	7.50	
	CHPF060D2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	45,000	3.15	26,000	2.15	7.50	
CPLE48-3A/-3C	U62/UC62+EEP	45,000	34,300	42,300	32,000	10.00	9.00	42,500	3.00	25,000	2.00	7.50	80
	ARPF048/ARUF049/ARPT049	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	U60/UC60+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	HT4860/H60F+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	ARPF060/ARUF061/ARPT061	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	U61/UC61+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	HT61/H61F+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.20	26,000	2.15	7.50	
	CA*F060*2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	CA*F061*2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
	CHPF048D2A+EEP	44,000	34,600	42,500	32,500	10.00	9.00	43,000	3.10	25,400	2.10	7.50	
	CHPF060D2A+EEP	45,000	35,000	42,500	32,500	10.00	9.00	44,000	3.15	26,000	2.15	7.50	
CPLE60-1/-1C CPLE60-3/-3C	ARPF060/ARUF061/ARPT061	55,000	39,900	51,900	36,300	10.00	9.00	55,000	3.30	32,000	2.30	8.00	77
	H61F+EEP	55,000	39,900	51,900	36,300	10.00	9.00	55,000	3.30	32,000	2.30	8.00	
	HT61/U61/UC61+EEP	54,000	39,900	51,900	36,300	10.50	9.50	52,000	3.30	32,000	2.30	8.00	
	CA*F061*2A+EEP	54,000	39,900	51,900	36,300	10.00	9.00	52,000	3.30	32,000	2.30	8.00	
	CHPF060D2A+EEP	54,000	39,900	51,900	36,300	10.00	9.00	52,000	3.30	32,000	2.30	8.00	

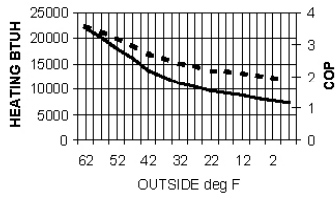
- 1) Certified per ARI 240 @ 80 °F/67 °F/95 °F
- 2) TVA Rating
- 3) Seasonal Energy Efficiency Ratio
- 4) Energy Efficiency Ratio @ 80 °F/67 °F/95 °F
- 5) HSPF = Heating Seasonal Performance Factor
- 6) Order the EEP from the Service Department using Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is **not interchangeable** with B13707-35S.

When mix-matching outdoor and indoor units, the indoor unit check-flowrator must match the outdoor unit size.
See the AR series air handler for coil instructions.

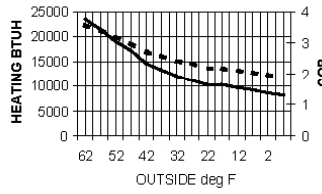
PRODUCT SPECIFICATIONS

Heating Performance Expanded Ratings @ 70 °F Indoor Ambient

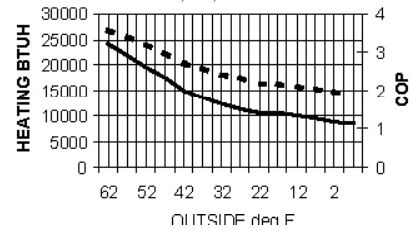
MODEL CPLE18-1* W: AC18-XX, AH18



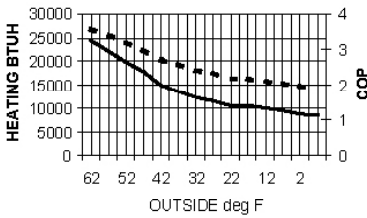
MODEL CPLE18-1* W: AWB18-XX



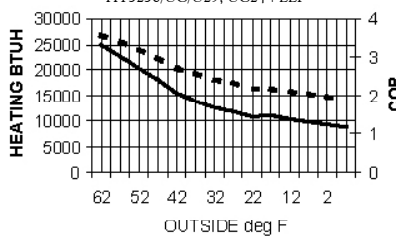
MODEL CPLE18-1* W: ARUF018, HT1830/U18/UC18+EEP



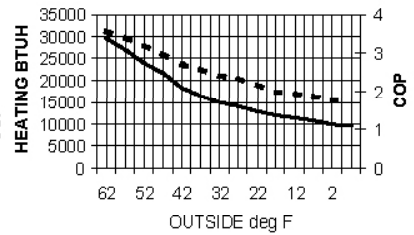
MODEL CPLE18-1* W: AWB24-XX



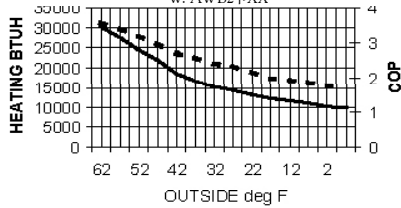
MODEL CPLE18-1* W: ARPF024/ARPT024 ARUF024, H36F+EEP HT3236/UC/U29, UC24+EEP



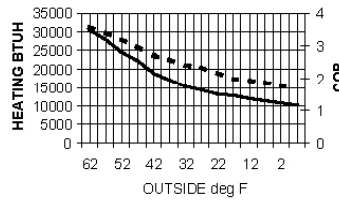
MODEL CPLE24-1* W: AC24-XX



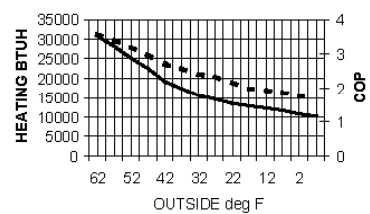
MODEL CPLE24-1* W: AWB24-XX



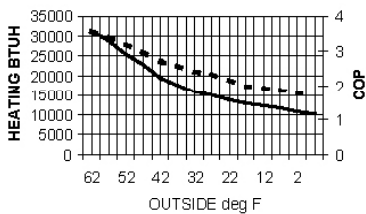
MODEL CPLE24-1* W: ARPF024, ARPT024, ARUF032, HT1830/U/UC29+EEP CA*F024*2*/CHPF024A2*+EEP



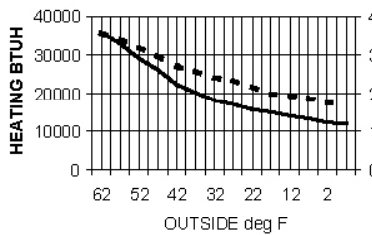
MODEL CPLE24-1* W: ARUF030, AWB30-XX, U30+EEP



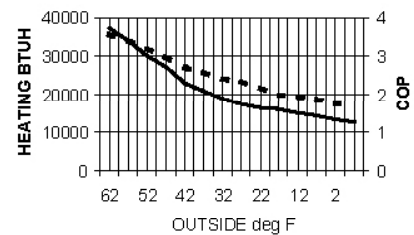
MODEL CPLE24-1* W: ARPF036/ARPT032, ARUF032, U31, U32, U32+EEP, HT3236/H36F+EEP, CA*F030*2*/CHPF030A2*+EEP



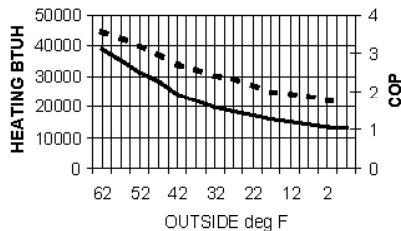
MODEL CPLE30-1* W: AC30-XX, AH30



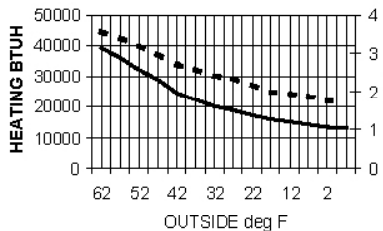
MODEL CPLE30-1* W: U/UC29+EEP, CA*F024*2*/CHPF030A2*+EEP



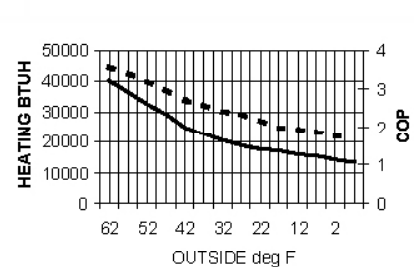
MODEL CPLE30-1* W: AWB30-XX



MODEL CPLE30-1* W: ARUF030 U30+EEP, HT3236/H36F+EEP

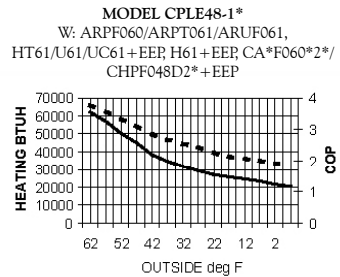
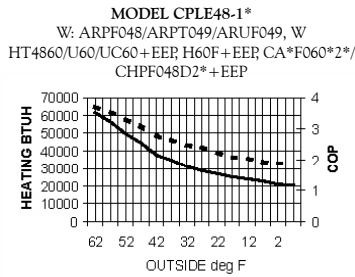
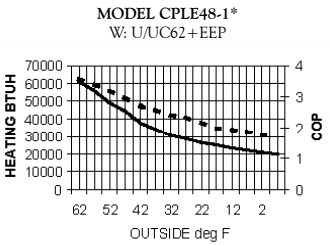
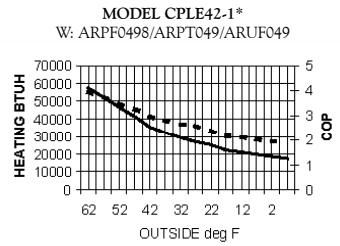
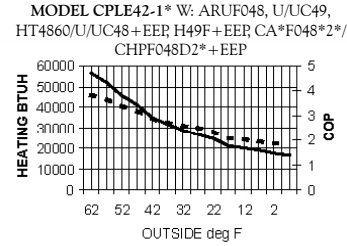
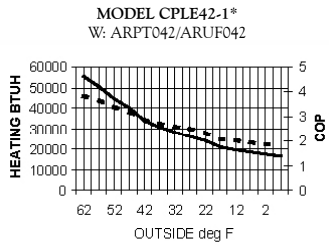
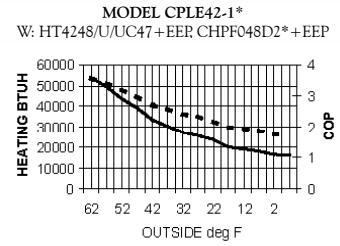
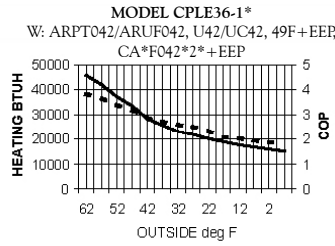
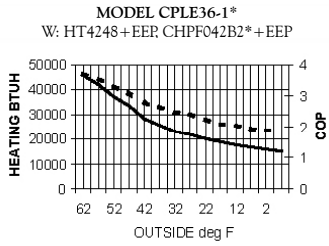
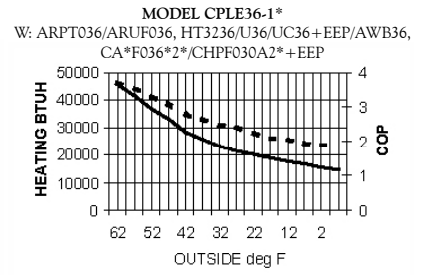
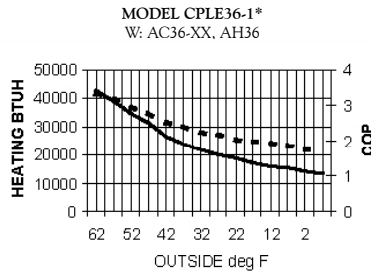
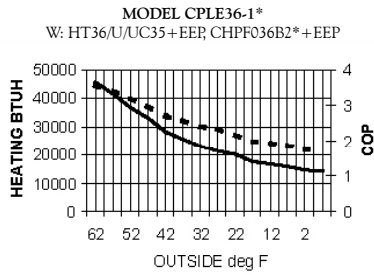


MODEL CPLE30-1* W: ARPF036/ARPT032, ARUF032, 31+EEP, HT4248/U/UC32+EEP, CA*F030*2*/CHPF030A2*+EEP

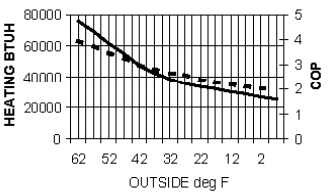


PRODUCT SPECIFICATIONS

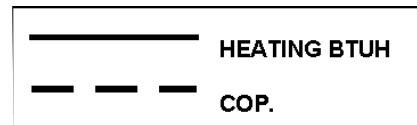
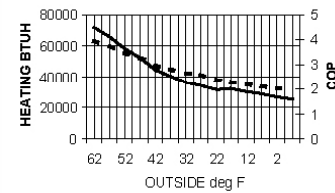
Heating Performance Expanded Ratings @ 70 °F Indoor Ambient (cont.)



MODEL CPLE60-1*/-3* W: ARPF060/ARPT061/ARUF061, H61F+EEP



MODEL CPLE60-1*/-3* W: HT61/U/UC61+EEP, CA*F060*2*/CHPF048D2*+EEP





Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.
Copyright © 2004 Goodman Manufacturing Company, L.P. • Houston, Texas • Printed in the USA. • Goodman® brand products are made proudly in the USA.