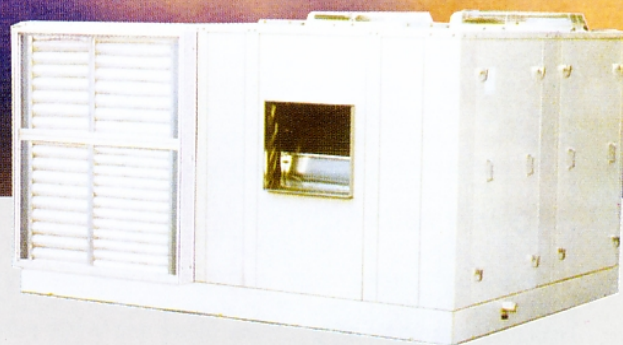
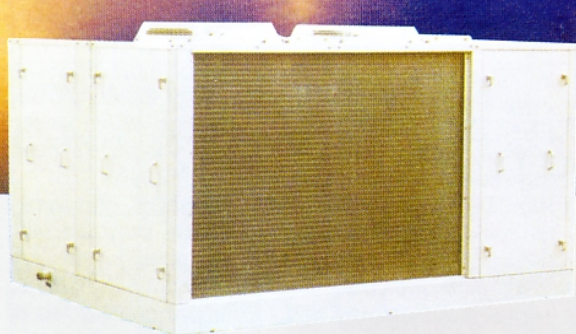


TOPAIRE
air conditioner

Propeller Condenser Fan

Air-Cooled Single Package Air Conditioner
with Scroll Compressor



Higher Efficiency • Enhanced Reliability • Low Sound • Scroll Compressor



BUATAN MALAYSIA



MS ISO 9002 REG. NO AR0821

SPECIFICATIONS

GENERAL DESCRIPTION

The new TACPS-P series of **Low noise, Compact, Rugged and Reliable** air-cooled package units are completely factory packaged, evacuated, dehydrated, charged with R22, wired and ready for connection to provide years of **Energy Efficient, Quiet and Dependable** cooling performance.

SCROLL COMPRESSOR(S)

The scroll compressor(s) is a new concept of innovative design. This scroll compressor with a high EER, low sound power level, best sound quality and high reliability meets the application requirement and user expectation globally. The high efficiency is realised by a controlled orbit with floating seals and advanced scroll geometry. The reliability is realised by the no-contact scroll design and 100% motor cooled by suction gas. A check valve is located directly above the fixed scroll discharge port. This prevents the compressor from running backwards after the power has been switched off (i.e. no rattling and no shut-down noise). The motor is fitted with a thermostat which protects the compressor from thermal overload.

CONDENSER COIL(S)

Each coil consists of staggered rows of 3/8" OD inner ridged copper tubes, mechanically expanded into die-formed corrugated aluminium fins. Each coil is provided with integral subcooling circuit to maximize system efficiency. Coils are leak and pressure tested to 450 psig.

EVAPORATOR COIL(S)

Each coil consists of staggered rows of seamless copper tubes mechanically expanded into die-formed corrugated aluminium fins. The direct expansion coil(s) has one or multiple independent refrigerant circuits each with its own thermo-expansion valve. The thermo-expansion valve promotes efficient cooling and control of superheat. Each coil is leak tested and pressure tested to 450 psig.

CONDENSER FAN(S) AND MOTOR(S)

Fans are of propeller type, direct driven by weatherproof electric induction motors. Fan motor has class B insulation and splash-proof enclosure. Close propeller blade tip clearances with the fan venturis and low rpm (max 950) motor assures smooth and quiet operation. Fans are protected with heavy gauge steel wire guards.

BLOWER AND MOTOR

Centrifugal blower(s) is mounted on a rigid shaft in heavy duty pillow block self-aligning ball bearings. Complete blower(s) and drive assembly are resiliently isolated from unit casing. Blower motor and V-belt pulley drive assembly can be factory fitted to handle the desired cfm and static pressure for all models.

REFRIGERANT CIRCUIT(S)

Each independent refrigerant circuit is constructed of copper pipings with brazed connections; joining compressor, condenser coil, filter drier, sight glass, thermo-expansion valve, distributor and evaporator cooling coil in a completely sealed loop. The refrigerant

circuit is factory leak tested, dehydrated, evacuated and charged with R-22.

SAFETY CONTROLS

High pressure and low pressure cut-outs to guard against compressor damage due to high discharge head pressure and system leakage respectively.

CASING

All steel parts are coated with epoxy-acrylic electro-deposition (ED) paint which gives excellent finishing, weatherability and corrosion resistance. Before ED coating, the part undergoes a complete pretreatment process which involves degreasing, phosphating and rinsing with deionized water. It increases the paint adhesion effect and rust preventing effect to obtain high quality paint film. ED painting is the best painting system which can even coat the inaccessible places like the edges, joints or interior surface of hollow sections. The evaporator section is insulated with 1/2" thick x 1 1/2 lb per cu. ft. mat faced linacoustic fiberglass, tightly fitted with gasket on rigid frame, to guard against leaks of conditioned air.

FILTERS

- * 1" thick washable panel filters for TACP 30P to TACPS 125P.
- * 2" thick washable panel filters for TACPS 160P to TACPS 445P.

OPTIONAL STARTER PANEL & ACCESSORIES

- 1.) Power panel - Factory wired starters for compressor(s), blower fan motor and condenser fan motor(s), with selectable accessories such as indicating lights, incoming isolator, voltage monitor and etc. Starters for compressors can be direct on line or autotransformer type. Anti-recycling timer will be provided to prevent compressor short cycling. (Autotrans-former starter is for remote installation while DOL starters is mounted in the units.)
- 2.) Single stage or multiple stage thermostat for staging of single or multiple compressors operation for capacity modulation.
- 3.) For operation of unit below ambient temperature of 60°F, the condensing unit can be provided with either an ambient air thermostat or head pressure controller to cycle on/off operation of the condenser fans as ambient conditions change, thus saving energy and maintaining an adequate head pressure.
- 4.) For installation near the sea or in chemically corrosive atmosphere, unit can be provided with either copper fin coils, tinned copper fin coils, or hydrophilic pre-coated aluminum fins.
- 5.) Hot Water Heating Coils - Coils are constructed of 1/2" OD seamless copper tubes mechanically expanded into die-formed corrugated aluminum fins. Factory fit between blower and coil sections.
- 6.) Electric Reheaters - Consists of finned tubes electric heaters, mounted down-stream of cooling coils and factory wired with necessary controls.
- 7.) Suction accumulator can be provided for each compressor for application where there is a strong possibility of liquid flood-back to compressor.

SPECIFICATIONS

- 8.) Suction and discharge pressure gauges.
- 9.) Axial type condenser fan(s) can be provided instead of the propeller type condenser fan(s) for silencers, operation and installation which require ducted condenser air discharge.
- 10.) Hot gas by pass can be provided for application where the suction pressure gets very low and there is a possibility that the coil might freeze.
- 11.) Liquid, discharge or suction stop valves for each compressor.

SYSTEM COOLING CAPACITY

PERFORMANCE DATA

UNIT MODEL	STD. CAPACITY MBH	AIR ON EVAP.		AIR TEMPERATURE ON CONDENSER COIL - °F											
		CFM	WB TEMP. °F	75			95			115			125		
				TOTAL MBH¹	SENS MBH²	KW³	TOTAL MBH¹	SENS MBH²	KW³	TOTAL MBH¹	SENS MBH²	KW³	TOTAL MBH¹	SENS MBH²	KW³
TACP 30P	30.0	1000	72	34.9	16.2	2.4	33.1	15.6	2.8	31.0	15.0	3.1	26.6	12.5	2.9
			67	32.3	20.5	2.3	30.0	19.6	2.7	28.7	19.2	3.0	25.2	16.5	2.9
			62	29.8	24.7	2.2	28.2	24.1	2.5	26.4	23.4	2.8	23.0	19.6	2.9
			57	27.7	27.7	2.1	26.1	26.1	2.4	24.1	24.1	2.7	20.2	17.2	2.8
TACP 40P	40.0	1400	72	46.6	22.4	3.1	44.2	21.6	3.6	41.4	20.7	4.0	35.5	17.3	3.8
			67	43.1	28.3	3.0	40.0	27.0	3.4	38.3	26.5	3.8	33.7	22.7	3.7
			62	39.7	34.1	2.9	37.6	33.2	3.3	35.2	32.3	3.6	30.7	27.0	3.7
			57	36.9	36.9	2.7	34.8	34.8	3.1	32.1	32.1	3.5	27.0	23.7	3.6
TACP 50P	50.0	1600	72	58.2	28.5	3.9	55.2	27.5	4.4	51.7	26.3	5.0	44.4	22.0	4.7
			67	53.9	36.0	3.7	50.0	34.4	4.3	47.9	33.7	4.7	42.1	28.9	4.6
			62	49.6	43.4	3.6	47.0	42.3	4.1	44.0	41.1	4.5	38.3	34.5	4.6
			57	46.1	46.1	3.5	43.5	43.5	3.9	40.1	40.1	4.3	33.7	30.2	4.5
TACPS 68P	60.7	2000	72	68.2	36.9	4.2	64.4	35.1	4.5	60.7	31.8	4.7	57.5	30.2	4.9
			67	65.1	49.4	4.1	60.7	46.1	4.4	57.5	43.8	4.6	54.3	41.3	4.8
			62	59.3	59.3	3.9	55.6	55.6	4.3	52.4	52.4	4.5	49.1	49.1	4.7
			57	52.4	52.4	3.9	48.7	48.7	4.3	46.1	46.1	4.5	43.3	43.3	4.6
TACPS 81P	73.0	2400	72	85.2	46.1	5.1	80.4	43.8	5.5	75.8	39.6	5.8	71.7	37.8	6.0
			67	81.3	61.7	5.0	73.0	55.3	5.4	71.7	54.6	5.7	67.9	51.6	5.9
			62	74.1	74.1	4.8	69.4	69.4	5.3	65.4	65.4	5.5	61.4	61.4	5.8
			57	65.5	65.5	4.8	60.8	60.8	5.2	57.6	57.6	5.5	54.0	54.0	5.7
TACPS 95P	85.9	2600	72	96.6	52.9	5.9	91.0	49.9	6.3	85.9	47.1	6.6	76.2	41.9	6.8
			67	92.2	70.3	5.7	85.9	65.6	6.2	81.4	62.2	6.5	72.3	55.2	6.7
			62	84.1	84.1	5.7	78.8	78.8	6.1	74.3	74.3	6.4	65.8	65.7	6.6
			57	74.3	74.3	5.5	69.0	69.0	6.0	65.3	65.3	6.3	57.9	57.6	6.6
TACPS 108P	100.0	3200	72	112.4	61.6	6.9	106.0	58.0	7.3	100.0	54.8	7.7	88.7	48.8	8.0
			67	107.3	81.8	6.7	100.0	76.3	7.2	94.8	72.3	7.6	84.1	64.2	7.9
			62	97.9	97.9	6.6	91.7	91.7	7.1	86.4	86.4	7.5	76.6	76.4	7.8
			57	86.4	86.4	6.4	80.3	80.3	7.1	76.0	76.0	7.4	67.4	67.0	7.7
TACPS 125P	112.5	3500	72	125.5	69.1	7.5	119.3	65.0	8.0	111.6	61.3	8.4	99.4	54.5	8.7
			67	119.8	91.2	7.3	112.5	85.0	8.0	105.8	80.4	8.4	94.2	71.7	8.6
			62	109.2	109.2	7.2	103.1	102.3	7.8	96.5	96.5	8.2	86.3	86.3	8.4
			57	96.5	96.5	7.1	90.2	89.5	7.7	84.8	84.8	8.1	75.7	75.7	8.3
TACPS 145P	130.3	4000	72	145.4	71.6	8.5	133.2	67.4	9.1	129.3	63.5	9.6	115.1	56.5	9.9
			67	138.8	94.5	8.3	130.3	88.1	9.1	122.5	83.3	9.6	109.1	74.3	9.8
			62	126.5	113.2	8.2	119.4	106.0	8.9	111.8	100.0	9.3	99.9	89.4	9.6
			57	111.8	100.0	8.1	104.5	92.8	8.8	98.2	87.9	9.2	89.7	78.5	9.4
TACPS 160P	150.0	4600	72	169.0	99.0	10.3	159.3	93.3	11.0	150.2	87.8	11.5	136.7	80.9	12.0
			67	161.2	134.1	9.9	150.0	120.9	10.9	142.4	118.5	11.4	129.7	107.9	11.9
			62	147.2	147.2	9.8	137.8	137.8	10.7	129.9	129.9	11.1	118.3	118.3	11.7
			57	129.9	129.9	9.7	120.4	120.4	10.5	114.2	114.2	11.0	103.8	103.8	11.5
TACPS 190P	170.0	4800	72	191.4	94.6	11.7	180.3	98.4	12.5	170.0	92.9	13.1	155.4	82.9	13.5
			67	182.6	137.9	11.4	170.0	128.5	12.3	161.3	121.8	12.9	147.4	111.3	13.3
			62	166.5	166.5	11.2	155.9	155.9	12.1	147.2	147.2	12.7	134.6	134.6	13.1
			57	147.2	147.2	11.0	136.5	136.5	11.9	129.3	129.3	12.6	118.3	118.3	12.9
TACPS 220P	200.0	5400	72	226.2	134.9	13.6	213.1	127.2	14.4	200.0	119.1	15.3	179.3	106.8	16.8
			67	212.1	180.0	13.5	200.0	169.7	14.3	187.8	159.3	15.3	168.3	142.7	16.7
			62	196.0	196.0	13.3	185.8	185.8	14.2	173.7	173.7	15.2	155.8	155.7	16.6
			57	177.8	177.8	13.2	167.7	167.7	14.1	151.9	151.9	15.0	135.1	135.1	16.5
TACPS 250P	225.0	6400	72	251.0	136.0	15.2	236.6	128.1	16.2	223.2	120.8	16.9	200.9	108.7	17.6
			67	239.5	178.5	14.7	225.0	168.0	16.1	211.6	159.4	16.8	190.5	143.2	17.4
			62	218.5	210.9	14.5	204.6	204.6	15.7	193.0	193.0	16.5	174.0	172.5	17.1
			57	193.0	193.0	14.3	179.0	179.0	15.5	169.6	169.6	16.3	153.0	153.0	16.8
TACPS 285P	260.0	7500	72	290.0	149.5	17.7	273.1	140.7	18.8	256.4	132.2	20.0	235.7	121.5	21.5
			67	271.9	191.7	17.6	260.0	180.8	18.6	240.9	169.7	19.9	221.3	156.0	21.4
			62	250.9	230.9	17.3	238.2	219.0	18.6	222.7	204.6	19.8	204.6	188.2	21.3
			57	227.9	227.9	17.2	215.0	215.0	18.4	197.5	197.5	19.6	177.6	177.6	21.1
TACPS 320P	300.0	8000	72	339.4	173.8	20.6	319.8	163.8	21.9	300.0	153.8	23.2	268.9	137.8	25.0
			67	318.2	221.5	20.5	300.0	208.7	21.7	281.8	196.1	23.1	252.4	175.7	24.7
			62	294.0	265.2	20.1	278.7	242.4	21.5	251.4	235.3	23.0	233.6	210.9	24.5
			57	266.7	266.7	20.0	251.5	251.5	21.4	227.8	227.8	22.8	202.6	202.6	24.3
TACPS 380P	350.0	9200	72	393.4	209.6	24.1	370.7	197.5	25.5	349.7	186.3	27.1	313.4	166.5	29.0
			67	375.2	276.2	23.9	350.0	257.4	25.4	331.4	244.1	27.0	297.2	218.4	28.8
			62	342.2	334.2	23.5	320.7	313.1	25.2	302.5	295.4	26.8	271.5	264.4	28.6
			57	302.5	302.5	23.3	280.4	280.4	25.0	265.7	265.7	26.6	238.6	238.0	28.4
TACPS 445P	400.9	11500	72	453.5	234.1	27.4	427.1	220.5	29.1	400.8	206.8	30.9	368.6	183.2	33.0
			67	425.0	350.8	27.2	400.9	282.5	29.1	378.5	265.5	30.7	346.0	243.9	32.8
			62	392.7	362.4	26.7	372.4	343.7	28.7	348.2	321.3	30.6	320.2	295.2	32.6
			57	356.3	356.3	26.6	335.9	335.9	28.4	304.5	304.5	30.3	277.7	277.5	32.3

- NOTES :
- 1.) RATINGS ARE GROSS CAPACITIES - FOR NET CAPACITIES, DEDUCT EVAPORATOR BLOWER MOTOR HEAT.
 - 2.) AT 80 °F (26.6°C) AIR ON EVAPORATOR.
 - 3.) COMPRESSOR KW INPUT

BLOWER PERFORMANCE

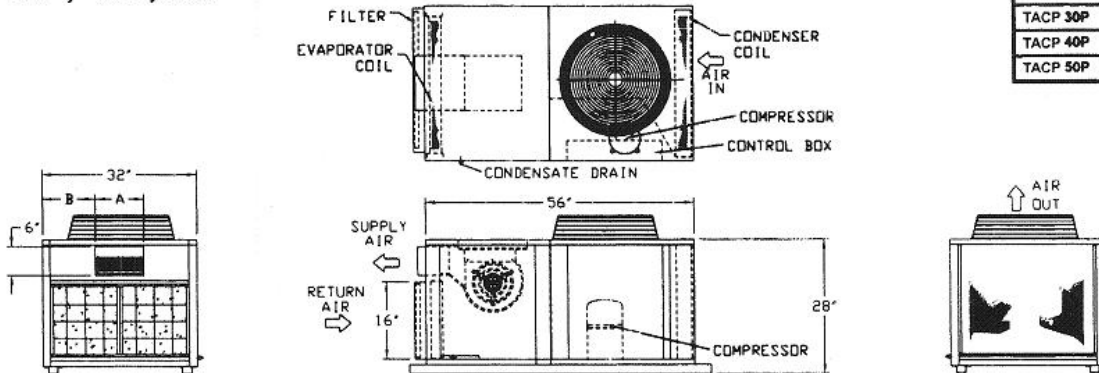
Available External Static Pressure - IWG - For Accessories And Duct System Static Resistance (Allowance Made For Wet Coil And Filters)

RPM	CFM										FAN MODEL	
	SP		BHP		SP		BHP		SP			BHP
TACPS 68P												
	1600		1800		2000		2200		2400		ONE A10 - 10A	
800	0.32	0.32	0.24	0.40	0.16	0.45	-	-	-	-		
900	0.52	0.39	0.46	0.44	0.41	0.53	0.27	0.63	0.18	0.70		
1000	0.73	0.45	0.69	0.53	0.63	0.63	0.52	0.70	0.41	0.83		
1100	0.97	0.53	0.92	0.63	0.87	0.70	0.79	0.83	0.70	0.92		
TACPS 81P												
	1800		2000		2200		2400		2600		ONE A10 - 10A	
900	0.46	0.45	0.41	0.53	0.27	0.62	0.19	0.70	-	-		
1000	0.69	0.55	0.63	0.63	0.52	0.71	0.40	0.80	0.30	0.85		
1100	0.94	0.65	0.86	0.72	0.79	0.82	0.70	0.92	0.60	1.10		
1200	1.15	0.75	1.11	0.85	1.07	0.95	0.98	1.10	0.88	1.25		
TACPS 95P												
	2200		2400		2600		2800		3000		ONE A12 - 12A	
700	0.36	0.50	0.31	0.58	0.24	0.67	0.18	0.75	0.10	0.83		
800	0.61	0.71	0.56	0.75	0.50	0.85	0.44	0.95	0.35	1.00		
900	0.90	0.83	0.87	0.95	0.80	1.00	0.75	1.15	0.65	1.20		
1000	-	-	1.17	1.00	1.11	1.20	1.05	1.30	0.98	1.40		
TACPS 108P												
	2600		2900		3200		3500		3800		ONE A12 - 12A	
800	0.63	0.75	0.51	0.88	0.43	1.00	0.34	1.15	0.27	1.30		
900	0.93	0.88	0.86	1.05	0.75	1.20	0.67	1.35	0.57	1.50		
1000	1.21	1.05	1.14	1.25	1.07	1.40	1.00	1.60	0.90	1.80		
1100	-	-	1.49	1.45	1.45	1.70	1.40	1.90	1.34	2.20		
TACPS 125P												
	2900		3200		3500		3800		4100		ONE A12 - 12A	
800	0.51	0.88	0.43	1.00	0.34	1.15	0.27	1.30	-	-		
900	0.86	1.05	0.75	1.20	0.67	1.35	0.57	1.50	0.47	1.75		
1000	1.14	1.25	1.07	1.40	1.00	1.60	0.90	1.80	0.85	2.00		
1100	1.49	1.45	1.45	1.70	1.40	1.90	1.34	2.20	1.27	2.45		
TACPS 145P												
	3600		4000		4400		4800		5200		ONE A15 - 15A	
600	0.30	0.33	0.23	0.92	0.18	1.10	0.10	1.26	-	-		
700	0.60	1.01	0.55	1.21	0.52	1.40	0.50	1.60	0.48	1.80		
800	0.95	1.32	0.90	1.50	0.88	1.60	0.85	1.91	0.82	2.30		
900	1.31	1.65	1.30	1.80	1.29	2.05	1.28	2.31	1.27	2.70		
TACPS 160P												
	3800		4200		4600		5000		5400		ONE A15 - 15A	
700	0.71	1.20	0.62	1.30	0.51	1.50	0.45	1.65	0.40	1.90		
800	1.03	1.40	0.97	1.60	0.91	1.85	0.85	2.00	0.90	2.40		
900	1.44	1.75	1.38	2.00	1.33	2.25	1.28	2.50	1.20	2.80		
1000	-	-	1.86	2.40	1.84	2.70	1.73	3.00	1.65	3.30		
TACPS 190P												
	4000		4400		4800		5200		5600		ONE A15 - 15A	
700	0.60	1.15	0.52	1.35	0.43	1.60	0.32	1.75	-	-		
800	0.97	1.50	0.88	1.70	0.81	1.95	0.71	2.25	0.60	2.50		
900	1.36	1.85	1.32	2.10	1.23	2.40	1.12	2.60	1.01	2.95		
1000	-	-	1.79	2.55	1.80	2.80	1.59	3.20	1.50	3.50		
TACPS 220P												
	4600		5000		5400		5800		6200		ONE A15 - 15A	
800	0.92	1.80	0.82	2.00	0.73	2.30	0.64	2.55	0.52	2.90		
900	1.32	2.30	1.25	2.45	1.18	2.70	1.07	3.00	0.95	3.40		
1000	1.78	2.75	1.70	3.00	1.63	3.25	1.54	3.60	1.42	4.00		
1100	2.23	3.00	2.21	3.50	2.14	3.95	2.06	4.10	1.96	4.50		
TACPS 250P												
	5200		5800		6400		7000		7600		TWO A15 - 11A	
600	0.41	1.20	0.32	1.40	0.27	1.50	0.13	1.76	0.06	2.00		
700	0.73	1.50	0.64	1.60	0.58	2.00	0.51	2.26	0.41	2.50		
800	1.08	1.80	1.00	2.10	0.95	2.40	0.86	2.70	0.80	3.00		
900	-	-	1.48	2.80	1.41	3.00	1.30	3.26	1.21	3.76		
TACPS 285P												
	6300		6900		7500		8100		8700		TWO A15 - 11A	
700	0.65	1.80	0.60	2.26	0.51	2.50	0.40	2.76	0.31	3.00		
800	1.05	2.30	0.96	2.60	0.88	3.00	0.80	3.26	0.74	3.75		
900	1.45	2.90	1.39	3.20	1.33	3.60	1.25	4.00	1.16	4.40		
1000	1.85	3.50	1.81	3.80	1.78	4.40	1.70	4.80	1.64	5.20		
TACPS 320P												
	6400		7200		8000		8800		9600		TWO A15 - 11A	
700	0.75	2.00	0.60	2.26	0.51	2.76	0.30	3.00	-	-		
800	1.10	2.40	1.00	2.80	0.91	3.20	0.79	3.70	0.69	4.20		
900	1.49	2.90	1.45	3.50	1.35	4.00	1.24	4.50	1.09	5.10		
1000	1.92	3.50	1.86	4.00	1.80	4.70	1.71	5.50	1.63	6.00		
TACPS 380P												
	7600		8400		9200		10000		10800		TWO A15 - 11A	
800	1.05	3.00	0.94	3.50	0.86	4.00	0.71	4.67	-	-		
900	1.47	3.60	1.39	4.20	1.31	4.90	1.18	5.70	1.05	6.00		
1000	1.93	4.40	1.88	5.00	1.81	5.70	1.71	6.40	1.57	7.40		
1100	2.42	5.20	2.38	5.90	2.34	6.60	2.26	7.60	2.12	8.40		
TACPS 445P												
	9200		10400		11500		12400		13200		TWO A15 - 15A	
800	1.01	3.67	0.89	4.33	0.79	5.10	0.68	5.77	0.52	6.36		
900	1.41	4.42	1.32	5.22	1.22	6.04	1.11	6.75	1.02	7.48		
1000	1.88	5.83	1.79	6.22	1.69	7.12	1.58	7.88	1.50	8.68		
1100	2.33	6.35	2.29	7.45	2.21	8.35	2.11	9.20	2.03	10.00		

DIMENSIONAL DATA

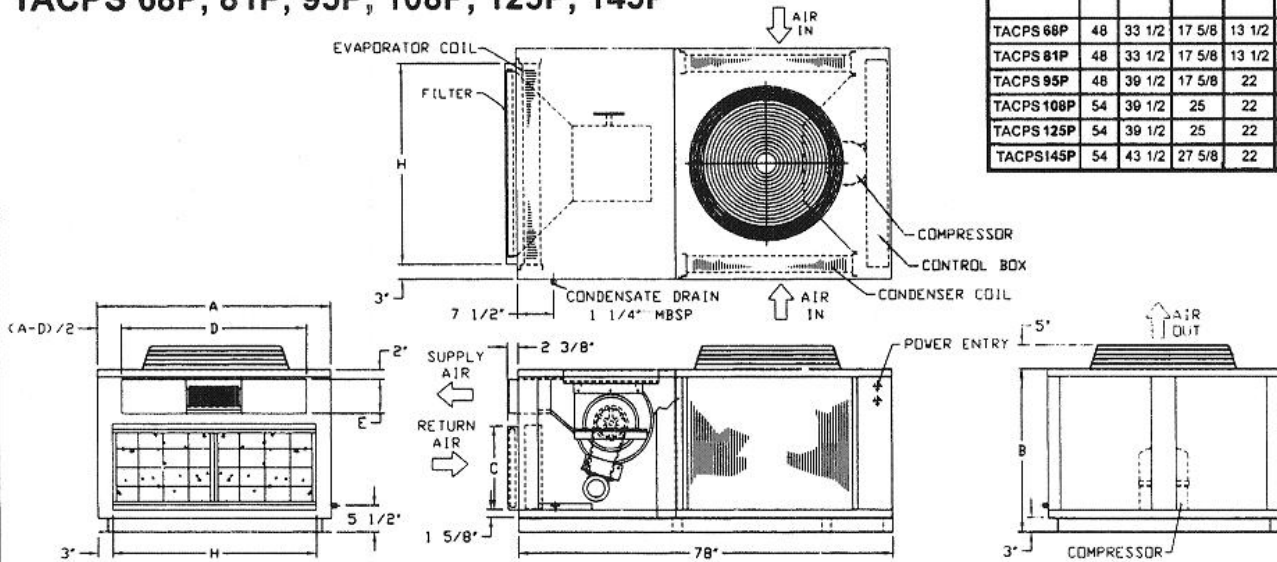
Air Cooled Single Package Air Conditioner Units

TACP 30P, 40P, 50P



MODEL	A	B
TACP 30P	10	11
TACP 40P	12	10
TACP 50P	12	10

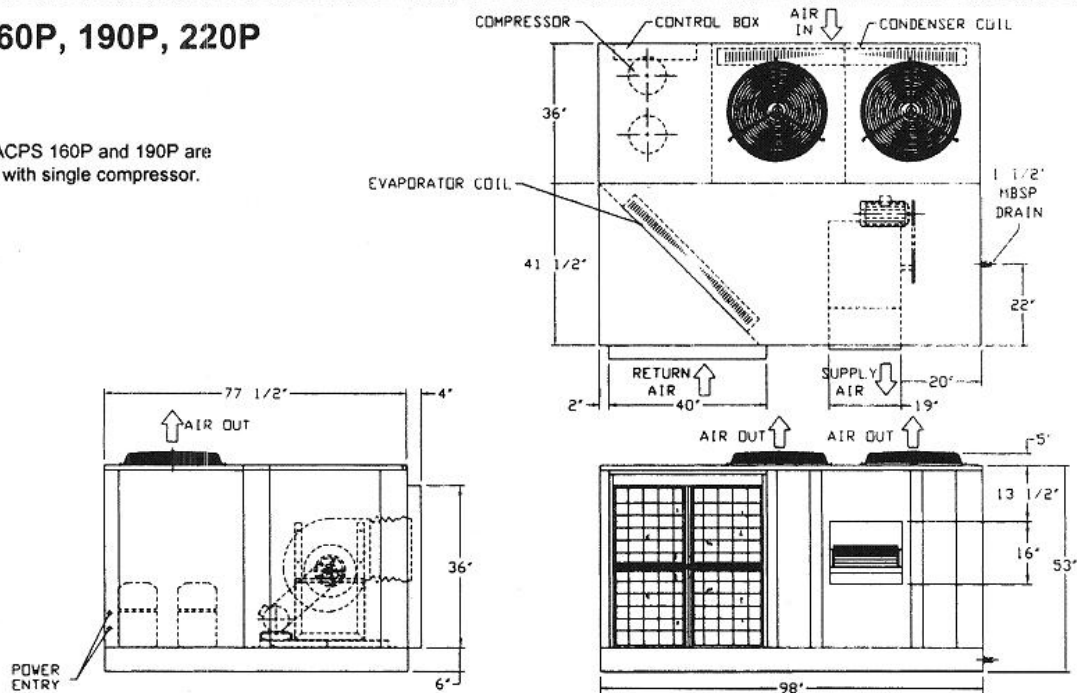
TACPS 68P, 81P, 95P, 108P, 125P, 145P



MODEL	A	B	C	D	E	H
TACPS 68P	48	33 1/2	17 5/8	13 1/2	7	42
TACPS 81P	48	33 1/2	17 5/8	13 1/2	7	42
TACPS 95P	48	39 1/2	17 5/8	22	7	42
TACPS 108P	54	39 1/2	25	22	8	42
TACPS 125P	54	39 1/2	25	22	8	48
TACPS 145P	54	43 1/2	27 5/8	22	8	48

TACPS 160P, 190P, 220P

Note: Model TACPS 160P and 190P are supplied with single compressor.

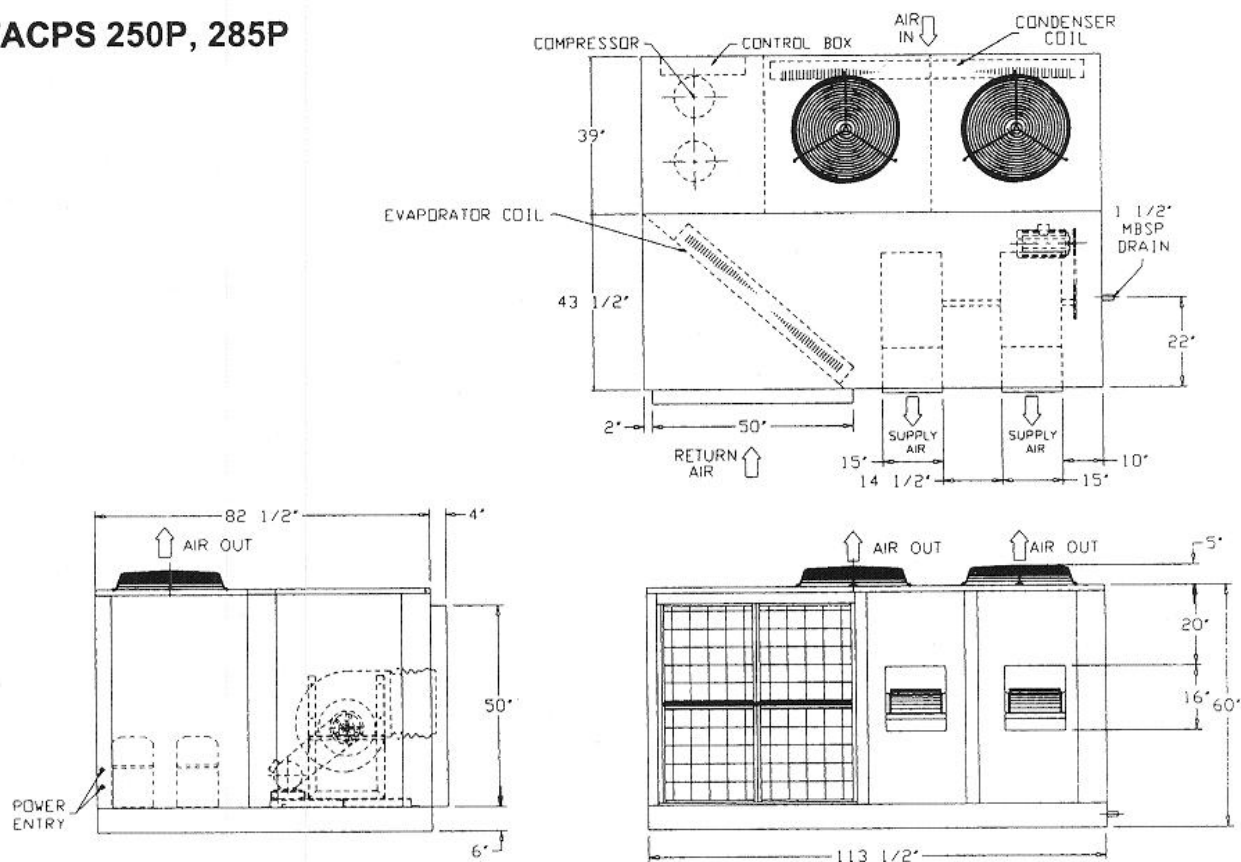


Note: All dimensions are in inches.

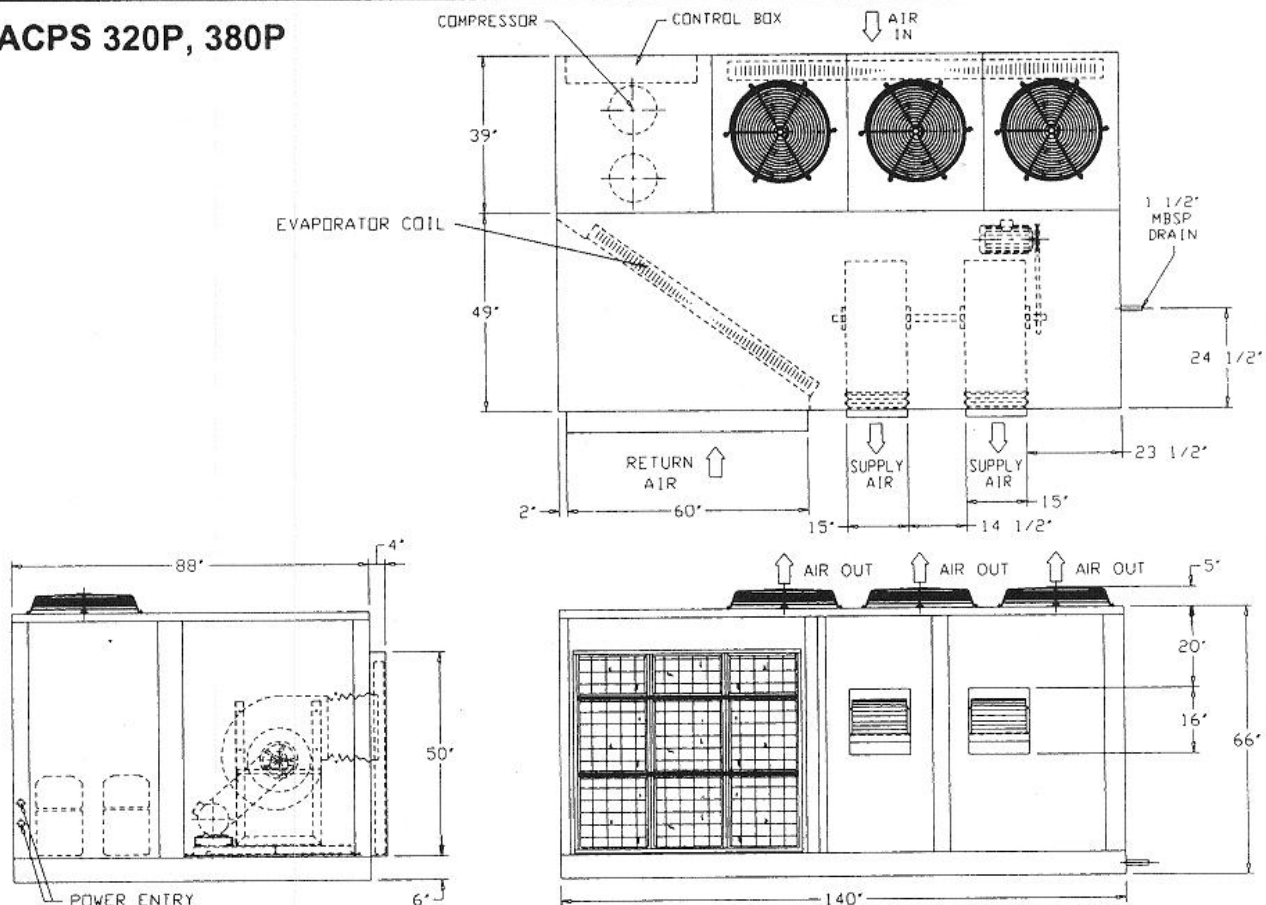
DIMENSIONAL DATA

Air Cooled Single Package Air Conditioner Units

TACPS 250P, 285P



TACPS 320P, 380P

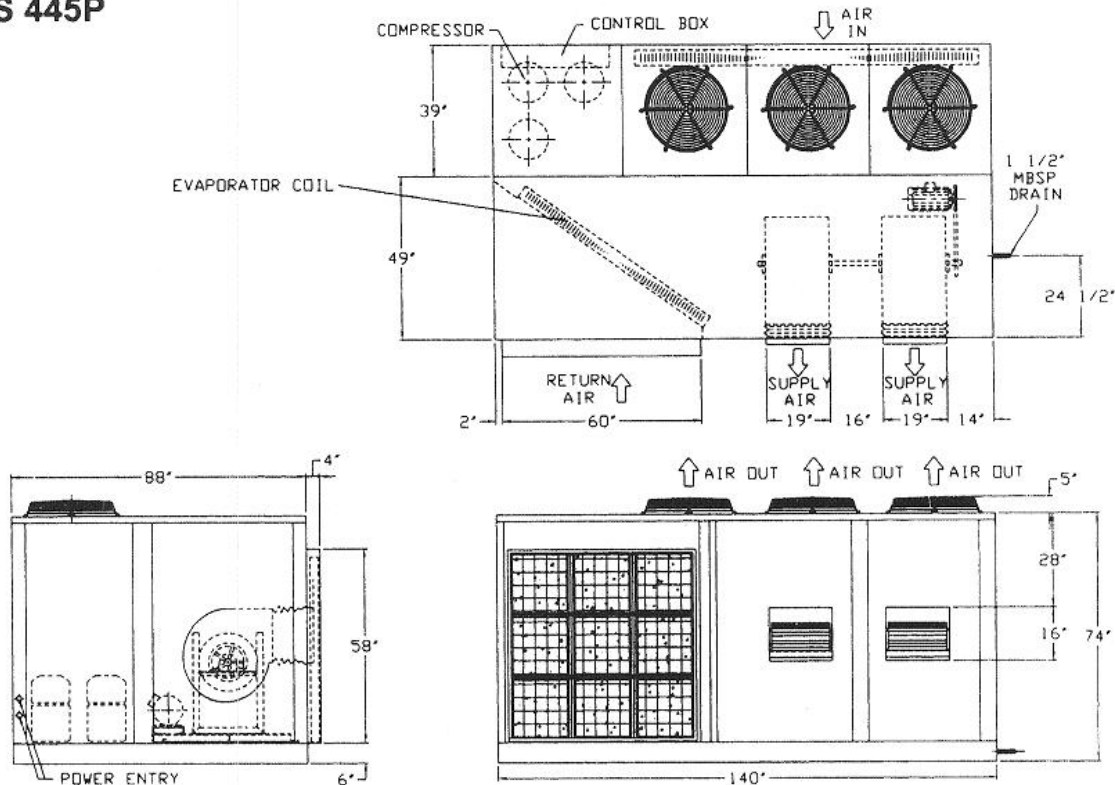


Note: All dimensions are in inches.

DIMENSIONAL DATA

Air Cooled Single Package Air Conditioner Units

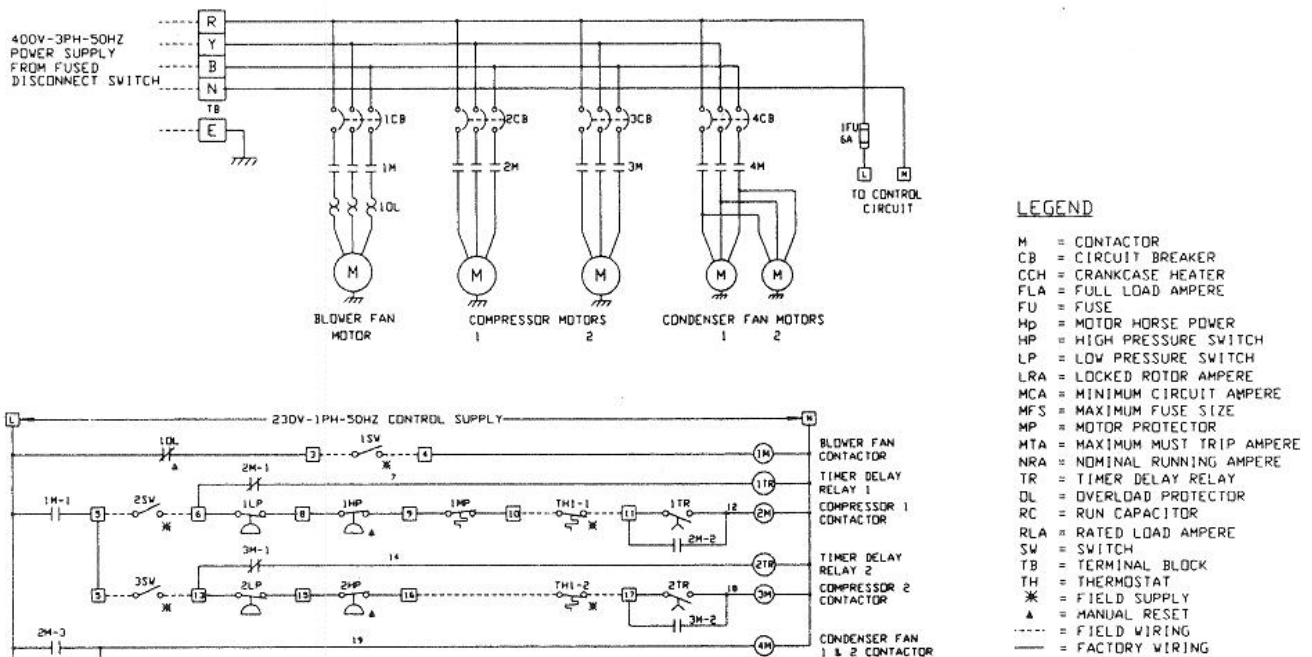
TACPS 445P



Note: All dimensions are in inches.

TYPICAL WIRING SCHEMATIC

Air Cooled Single Package Air Conditioner Units





air conditioner

SPECIFICATIONS

Model	Compressor					Condenser Coll		Condenser Fan				Evaporator Blower				Evaporator Coll		Air Filter		R-22 Charge	Approx. Operating Weight
	Qty	Power Supply	MTA/ RLA Each	LRA Each	NRA Each	Face Area Sq. Ft	Rows/ FPI	Qty	Blade Dia. Each	Mtr. Hp Each	Mtr FLA	Blower		Mtr MAX HP	Fan Cfm Min-Max Cfm	Face Area Sq.Ft	Row/ FPI	Qty	Size (Inch)	Qty. X Lbs Per Comp.	
												Qty	Size (Inch)								
TACP 30P	1	220/240-1-50Hz	1x16.9	1x70	1x12.2	5.1	2/14	1	18	1/5	2.7	1	10x7	0.25	-	2.17	3/12	1	16x25x1	1x3.7	550
TACP 40P	1	400-3-50Hz	1x8.2	1x42	1x5.9	5.1	2/16	1	18	1/5	2.7	1	10x9	0.33	-	2.89	3/10	1	16x25x1	1x4.8	600
TACP 50P	1	400-3-50Hz	1x10.4	1x55	1x7.5	5.1	3/16	1	20	1/5	2.7	1	10x9	0.50	-	2.89	3/12	1	25x16x1	1x5.9	650
TACPS 68P	1	400-3-50Hz	1x10.0	1x74	1x7.4	10.4	2/12	1	26	1/3-1/2	1.8-3.4	1	10x10	2.0	1400 2600	4.7	3/12	1	16x16x1 25x16x1	1x8.3	1100
TACPS 81P	1	400-3-50Hz	1x17.0	1x86	1x10.0	10.4	2/14	1	26	1/3-1/2	1.8-3.4	1	10x10	2.0	1600 3000	5.3	3/12	1	16x16x1 25x16x1	1x9.9	1200
TACPS 95P	1	400-3-50Hz	1x19.0	1x98	1x11.8	10.4	3/12	1	26	1/3-1/2	1.8-3.4	1	12x12	4.0	1600 3000	5.3	4/12	1	16x16x1 25x16x1	1x12.3	1300
TACPS 108P	1	400-3-50Hz	1x20.0	1x130	1x13.2	17.0	2/16	1	26	1/3-1/2	1.8-3.4	1	12x12	4.0	2200 4100	7.0	3/12	3	16x25x1	1x13.2	1500
TACPS 125P	1	400-3-50Hz	1x29.0	1x130	1x15.1	17.0	3/14	1	26	1/3-1/2	1.8-3.4	1	12x12	4.0	2400 4500	7.7	3/12	3	25x16x1	1x17.6	1600
TACPS 145P	1	400-3-50Hz	1x19.6	1x125	1x16.3	17.0	3/14	1	26	1/3-1/2	1.8-3.4	1	15x15	4.0	3100 5200	9.3	4/12	3	25x16x1	1x16.0	1750
TACPS 160P	1	400-3-50Hz	1x35.0	1x175	1x20.2	20.1	2/16	2	26	1/3-1/2	1.8-3.4	1	15x15	5.5	3100 5700	10.2	3/12	2	16x20x2 20x20x2	1x23.8	2100
TACPS 190P	1	400-3-50Hz	1x35.0	1x175	1x22.4	20.1	3/12	2	26	1/3-1/2	1.8-3.4	1	15x15	5.5	3100 5700	10.2	4/12	2	16x20x2 20x20x2	1x25.3	2300
TACPS 220P	2	400-3-50Hz	2x20.0	2x130	2x13.2	20.1	4/12	2	26	1/3-1/2	1.8-3.4	1	15x15	5.5	3500 6400	11.5	4/12	2	16x20x2 20x20x2	2x13.2	2600
TACPS 250P	2	400-3-50Hz	2x29.0	2x130	2x15.1	25.2	4/12	2	26	1/3-1/2	1.8-3.4	2	15x11	7.5	4450 8200	14.8	4/12	4	25x25x2	2x17.6	2800
TACPS 285P	2	400-3-50Hz	1x29.0, 1x35.0	1x130, 1x175	1x15.1, 1x20.2	29.6	4/14	2	26	1/3-1/2	1.8-3.4	2	15x11	7.5	5100 9300	16.9	4/12	4	25x25x2	1x17.6 1x23.8	3000
TACPS 320P	2	400-3-50Hz	2x35.0	2x175	2x20.2	34.9	3/14	3	26	1/3-1/2	1.8-3.4	2	15x11	10.0	5850 10700	19.4	4/12	6	25x20x2	2x23.8	4000
TACPS 380P	2	400-3-50Hz	2x35.0	2x175	2x22.4	37.5	4/14	3	26	1/3-1/2	1.8-3.4	2	15x11	10.0	6700 12400	22.4	4/12	6	25x20x2	2x25.3	4400
TACPS 445P	3	400-3-50Hz	1x29.0, 2x35.0	1x130, 2x175	1x15.1, 2x20.2	42.6	4/16	3	26	1/3-1/2	1.8-3.4	2	15x15	20.0	7450 14000	24.8	4/12	3	20x16x2 20x20x2	1x17.6 2x23.8	4700

- Notes: 1.) Condenser fan motors voltage is 220/240-1-50Hz.
2.) Blower motor for TACP 30P to TACP 50P is 220/240-1-50Hz and direct drive.
3.) Minimum-maximum voltage is 360V to 440V.
4.) RLA- Rated Load Amp for TACPS 68P and TACPS 145P.
5.) LRA- Locked Rotor Amp.
6.) NRA- Nominal Running Amp.
7.) MTA- Must Trip Amp for TACPS 81P to TACPS 445P.
8.) FLA- Full Load Amp.
9.) TACPS 30P to 50P is hermetic reciprocating compressor.

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY MANUFACTURER WITHOUT PRIOR NOTICE

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