

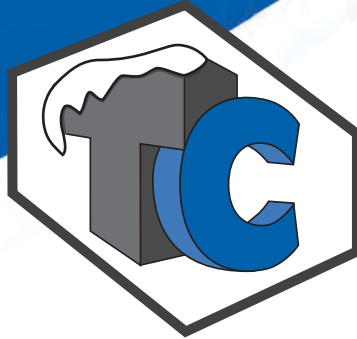
TEMP-COOL[®]

PORTABLE COOLING SYSTEMS

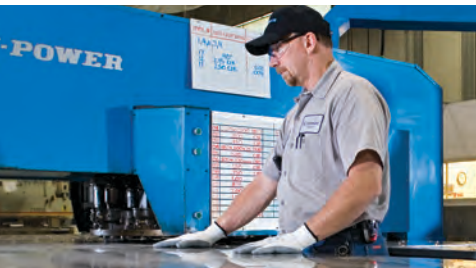


Portable Industrial Air Conditioners

(800) 836-7432 • Temp-Cool.com



Since 1965, TEMP-AIR has been America's leading provider of temporary, portable heating, cooling, dehumidifying, and air filtration services. We proudly manufacture our equipment at our corporate headquarters in Burnsville, MN.



MADE IN THE USA

PRODUCT OVERVIEW

Temp-Cool.com

HIGHLIGHTS:

Available in air-cooled, water-cooled, and heat pump varieties with sizes ranging from 1-6 tons, these units will provide the solution to any cooling need! All units fit through a 36-inch wide door and come with a full line of optional accessories to fit any installation application. The LED programmable digital display is easy to read and makes your temperature adjustments as simple as possible. TEMP-COOL cools quietly at office-acceptable sound levels without significantly adding to background noise. All units are constructed of powder-coated steel thus are designed to withstand rugged environments. All TEMP-COOL purchases include a 3 year warranty on parts, labor, and compressor.

APPLICATIONS:



Industrial Settings



Data Centers

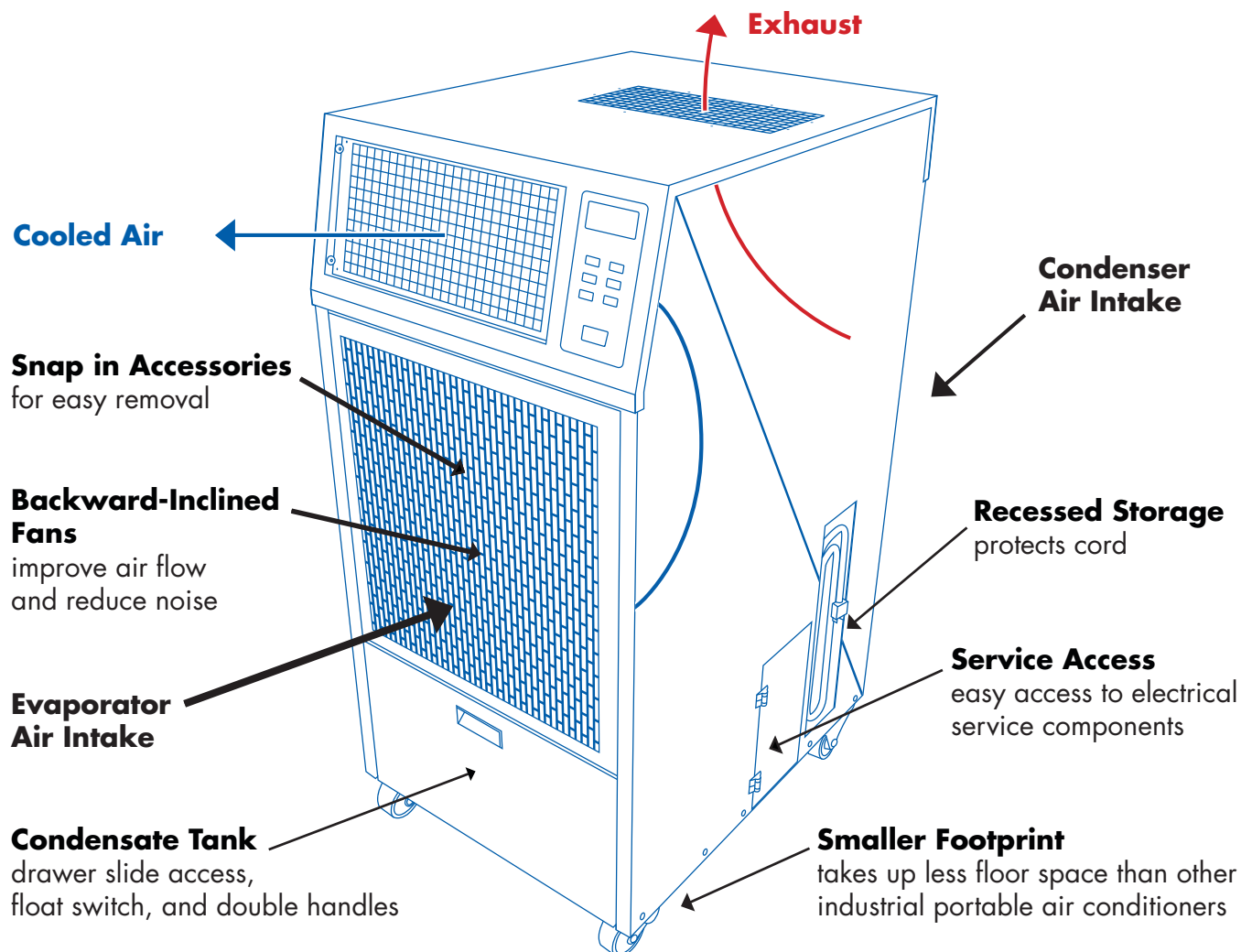


Offices



Shop Floors

Other applications include: construction, special events, production processes, hospitals, warehouses, laboratories, manufacturing centers, schools, air hangars, supplemental or emergency air conditioning, and more!



Plug Configurations



OPTIONAL ACCESSORIES



Nozzle kit optimizes the ability to direct cool air precisely where needed.



Ceiling discharge kit allows condenser-air to be vented to the plenum area above a suspended ceiling.



Condenser return-air plenum allows supply-air to be ducted to the condenser coil.



Supply-duct adapter allows user to connect ductwork to unit's cold-air discharge.



Condensate pump kit automatically removes evaporator-coil condensation allowing continuous unit operation.



Evaporator return-air plenum allows supply-air to be ducted to the evaporator coil.



SPECIFICATIONS	TC-12B	TC-18B	TC-24B	TC-36B	TC-60B	TC-60B3	TC-60B4
Cooling Capacity, BTU/hr ¹	13,500	17,300	29,600	41,000	75,900	75,900	75,900
Power Supply ² Volts/Ph/Hz/Amps	115/1/60/15	115/1/60/15	208-230/1/60/20	208-230/1/60/30	208-230/1/60/60	208-230/3/60/40	460/3/60/20
Thermostat Control	Mechanical	Digital	Digital	Digital	Digital	Digital	Digital
Metering Device	TX Valve	TX Valve	TX Valve	TX Valve	TX Valve	TX Valve	TX Valve
Power Consumption - Cooling, Watts	1,400	1,400	3,100	4,500	7,700	8,500	10,000
Current Consumption - Cooling, Amps	11.6	12.0	13.5	19.7	33.3	21.4	11.4
Minimum Circuit Amps	15	15	20	30	60	40	20
Max. Overcurrent Protect. Device, Amps	---	---	---	---	80	50	25
NEMA Plug Type	5-15P	5-15P	6-20P	6-30P	Wired	Wired	Wired
Evaporator CFM, Free Discharge	350	550	750	1,200	2,300	2,300	2,300
Condenser CFM	500	1,000	1,000	1,500	3,900	3,900	3,900
Maximum ESP, InWC	0.10	0.10	0.10	0.10	0.50	0.50	0.50
Maximum Duct Length, ft.	40	40	40	40	40	40	40
Condensate Removal	5 gal. tank	5 gal. tank	5 gal. tank	5 gal. tank	Pump	Pump	Pump
Condensate Pump Head, ft.	15	15	15	15	15	15	15
Operation Limits, (min-max) °F	65-105	65-110	65-105	65-105	65-110	65-110	65-110
Sound Level, dB	57	61	63	67	71	71	71
R-410-A Charge, oz.	42	80	80	70	136	136	136
LxWxH, in.	28x19x38	28x23x47	33x26x47	30x28x51	47x31x64	47x31x64	47x31x64
Weight, net wt/shipping wt, lb.	163/205	221/279	337/375	336/395	713/775	713/775	713/775

OPTIONAL ACCESSORIES

Nozzle Kit	NK-1 (4")	NK-2 (6")	NK-2 (6")	NK-2 (6")	NK-3 (8")	NK-3 (8")	NK-3 (8")
Ceiling Discharge Kit	CK-1 (10")	CK-3 (14")	CK-3 (14")	CK-3 (14")	CK-4 (20")	CK-4 (20")	CK-4 (20")
Condensate Pump	PC-1	PC-1	PC-2	PC-2	Included	Included	Included
Condenser Return - Air Plenum	CP-1B (10")	CP-2B (14")	CP-2B (14")	CP-3 (14")	CP-4B (20")	CP-4B (20")	CP-4B (20")
Evaporator Return - Air Plenum	EP-1B (10")	EP-2B (14")	EP-2B (14")	EP-3 (14")	EP-4B (20")	EP-4B (20")	EP-4B (20")
Cold-Air Supply Duct Adapter	DA-6	DA-10	DA-10	DA-10	DA-14	DA-14	DA-14
14-60P Plug Kit w/ 6' Cord	---	---	---	---	CD-60	---	---

1. Rating Conditions: 95° F at 60% RH.

2. Electrical ratings based on UL 484.

All specifications are subject to change without notice.

Model TC-120 Coming Summer 2014!



TEMP-COOL®
PORTABLE COOLING SYSTEMS



SPECIFICATIONS	TC-12W	TC-18W	TC-24W	TC-36W21	TC-60W21
Cooling Capacity, BTU/hr ¹	12,000	18,000	23,950	36,100	60,100
Power Supply ²					
Volts/Phase/Hertz/Amps	115/1/60/15	115/1/60/15	208-230/1/60/20	208-230/1/60/20 ³	208-230/1/60/30 ³
Unit Amps	8.1	11.3	9.9	12.0	23.7
Recommended Circuit Amps	15	15	20	20	30
NEMA Plug Type	5-15P	5-15P	6-20P	6-20P	6-30P
Evaporator CFM, Free Discharge	400	600	810	1,310	1,950
Condenser Water Flow, GPM 60°F Inlet	0.75	1.10	1.55	2.20	5.50
Condenser Water Flow, GPM 85°F Inlet	3.00	4.50	6.00	9.00	15.00
Condenser Coil Pressure Drop, PSI	0.40	0.40	0.20	0.40	0.40
Condensate Pump Head, ft.	20	20	20	20	20
Sound Level, dB	52	57	60	62	69
R-410-A Charge, oz.	14	18	16	24	52
LxWxH, in.	13x20x32	13x24x38	13x24x38	16x28x47	39x28x52
Weight, net wt/shipping wt, lb.	110/130	150/170	160/180	240/270	460/500
OPTIONAL ACCESSORIES					
10' Hose Kit	HK-1W	HK-1W	HK-1W	HK-3W	HK-3W
20' Hose Kit	HK-2W	HK-2W	HK-2W	HK-4W	HK-4W
40' Hose Kit	HK-5W	HK-5W	HK-5W	HK-6W	HK-6W
Nozzle Kit	NK-1W	NK-2W	NK-2W	NK-2W	NK-3W
Evaporator Return Air Plenum	EP-10W	EP-12W	EP-12W	EP-16W	EP-16W
Cold Air Supply Duct Adapter	DA-6W	DA-10W	DA-10W	DA-16W	DA-16W

1. Rating Conditions: 80°F DB/67°F WB return air or 85°F EWT to 95°F LWT (3GPM/Ton) high fan speed.

2. Electrical ratings based on UL 484.

3. Other power supply options available.

50 Hz MODELS AVAILABLE - CONSULT FACTORY

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TEMP-COOL
PORTABLE COOLING SYSTEMS

HEAT PUMPS



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SPECIFICATIONS	TC-12HP	TC-18HP	TC-24HP	TC-3612HP	TC-6021HP
Cooling Capacity, BTU/hr ¹	11,800	16,800	24,020	36,050	60,050
Heating Capacity, BTU/hr ²	11,000	15,600	24,020	32,500	53,500
Power Supply ³					
Volts/Phase/Hertz/Amps	115/1/60/15	115/1/60/20	208-230/1/60/20	208-230/1/60/30 ⁴	208-230/1/60/50 ⁴
Cooling Amps	10.4	14.1	14.9	18.1	32.0
Recommended Circuit Amps	15	20	20	30	50
NEMA Plug Type	5-15P	5-20P	6-20P	6-30P	6-50P
Evaporator CFM	400	600	810	1,310	1,950
Condenser CFM	580	930	1,010	1,390	2,200
Condensate Pump Head, ft.	20	20	20	20	20
Sound Level, dB	54	60	65	69	78
R-410-A Charge, oz.	18	40	37	66	80
LxWxH, in.	25x20x37	30x24x45	30x24x45	35x28x49	39x28x52
Weight, net wt/shipping wt, lb.	180/200	260/285	260/285	365/405	485/525
OPTIONAL ACCESSORIES					
Duct Flange	DF-OH12	DF-OH12	DF-OH12	DF-OH12	DF-OH16
Ceiling Discharge Kit	CK-OH12	CK-OH12	CK-OH12	CK-OH12	CK-OH16
Nozzle Kit	NK-OH1	NK-OH2	NK-OH2	NK-OH2	NK-OH3
Evaporator Return Air Plenum	EP-OH10	EP-OH12	EP-OH12	EP-OH16	EP-OH16
Condenser Return Air Plenum	CP-OH1	CP-OH2	CP-OH2	CP-OH3	CP-OH4
Condensate Pump	PC-OH1	PC-OH1	PC-OH2	PC-OH2	Standard
Duct Adapter	DA-OH6	DA-OH10	DA-OH10	DA-OH10	DA-OH16

1. Cooling Capacity Rating Conditions: 80°F DB/67°F WB return air, 95°F outdoor high fan speed.

2. Heating Capacity Rating Conditions: 70°F DB/60°F WB indoor, 47°F DB/43°F WB outdoor high fan speed.

3. Electrical ratings based on UL 484.

4. Other power supply options are available.

50 Hz MODELS AVAILABLE - CONSULT FACTORY

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Our TEMP-COOL Branch Offices



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Through Our Wide Range Of Distributors

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