

# AIRPAC PORTAPAC SERIES

36,000 to 120,000 BTU/h

## PORTABLE SERIES

**PAC36, PAC60** VU036-PP, VU060-PP

**PAC96** VU096-PP

**PAC120** VU120-PP

*Powerful, portable, self-contained  
air conditioner systems.*

### **AirPac units are compact and fit where others can't.**

- Slim design fits into tight spaces, even through a 32" doorway with AirPac's unique removable plenum on all PortaPac models.
- Moving units is a breeze with heavy-duty swivel casters and forklift pockets.

### **Versatile units adapt to your application to save you money.**

- Attractive, powder-coated cabinets have no exposed unsightly rivets or screws.
- Flexible cabinet design – free blow supply air from the plenum or connect into existing duct work.
- External static pressure is adjustable from 0.1" to 1.0" on both the evaporator and condenser with oversized blowers, cast iron pulleys and adjustable motor sheaves.
- Full-featured, programmable thermostat can be unit mounted or remote mounted.

### **Quality components and construction ensure safety and extend equipment life.**

- Full stainless steel condensate pan will not rust.
- Condensate carry-over is greatly reduced since all coils have an oversized face area.
- Refrigeration circuit is protected by high and low pressure safety switches and a filter drier in each circuit.
- All models are approved by ETL and City of New York MEA.



### **Units are quiet when operating.**

- All mechanical noise is minimized with closed cell foam insulation on the entire cabinet.
- Quiet operation is ensured since compressors are externally spring mounted with discharge mufflers.

### **Service is easy.**

- Units are easily serviced with removable compartment panels on both sides.
- No guess work about the refrigeration charge or moisture level when using the sight glass and moisture indicator in each circuit.
- Service calls are reduced and equipment life extended with inherently protected motors and compressors.
- It's easy to find replacement parts when necessary because all units are manufactured with standard components.

*AirPac portable air  
conditioners are perfect for  
tough cooling jobs!*

- Schools and Offices
- Tents and Temporary Buildings
- Warehouses and Factories
- Hot Manufacturing Processes
- Plant Shut-Downs
- Military Buildings
- Aircraft / Large Ships
- Computer Rooms & Telecom Equipment Rooms
- Laboratories
- Movie Sets
- TV & Broadcast Production
- Stadiums & Arenas
- Concerts



## Features and Benefits of PortaPac Series

### **Cabinet depths of 29" and less.**

*AirPac units fit where others can't. All units fit through 32" doorway.*

### **Forklift pockets.**

*Make it easy to handle the unit from warehouse to jobsite.*

### **Removable compartment panels on front and back.**

*Completely accessible, making service easy.*

### **ETL listed and labeled. MEA approval 141-91-E.**

*Ensures user safety.*

### **Completely insulated evaporator and condenser sections with 18 gauge metal minimum.**

*Provide acoustic and thermal protection.*

### **Full stainless steel condensate pan.**

*Condensate pan will not rust or degrade.*

### **Oversized face area on all coils.**

*Eliminates condensate carry-over and allows for higher sensible heat ratio.*

### **Oversized belt driven ball-bearing centrifugal blowers, cast iron pulleys, and adjustable motor sheaves.**

*Flexible field adjustable ESP from 0.1" to 1.0" on both the evaporator and condenser with standard motors and blowers.*

### **Inherently protected motors and compressors.**

*Reduce service calls and extend equipment life.*

### **High and low pressure safety switches and filter drier in each circuit.**

*Protect the refrigeration circuit and ensure trouble-free operation.*

### **All compressors externally spring mounted with discharge mufflers.**

*Ensure quiet operation.*

### **Thermal expansion valve with external equalizer in each circuit.**

*Minimum superheat for each application. Provides better performance in low load conditions.*

### **Sight glass and moisture indicator in each circuit.**

*No need to guess about refrigeration charge or moisture level.*

### **24 VAC control circuit with oversized transformer.**

*No high voltage thermostat wiring. Works with wide variety of thermostats.*

### **Standard parts and components used.**

*Ease in finding replacements when necessary.*

### **Single wide wheel swivel caster design.**

*Easy to move around.*

### **Removable control panel.**

*Provides optimum application flexibility.*

### **Washable filters.**

*Ensure a quick unit turn around after each use. Trouble-free maintenance.*

### **Internal condensate pump.**

*Trouble-free installation.*

### **Automatic restart on power fail.**

*Trouble-free operation.*

### **Time delay relay on each compressor circuit.**

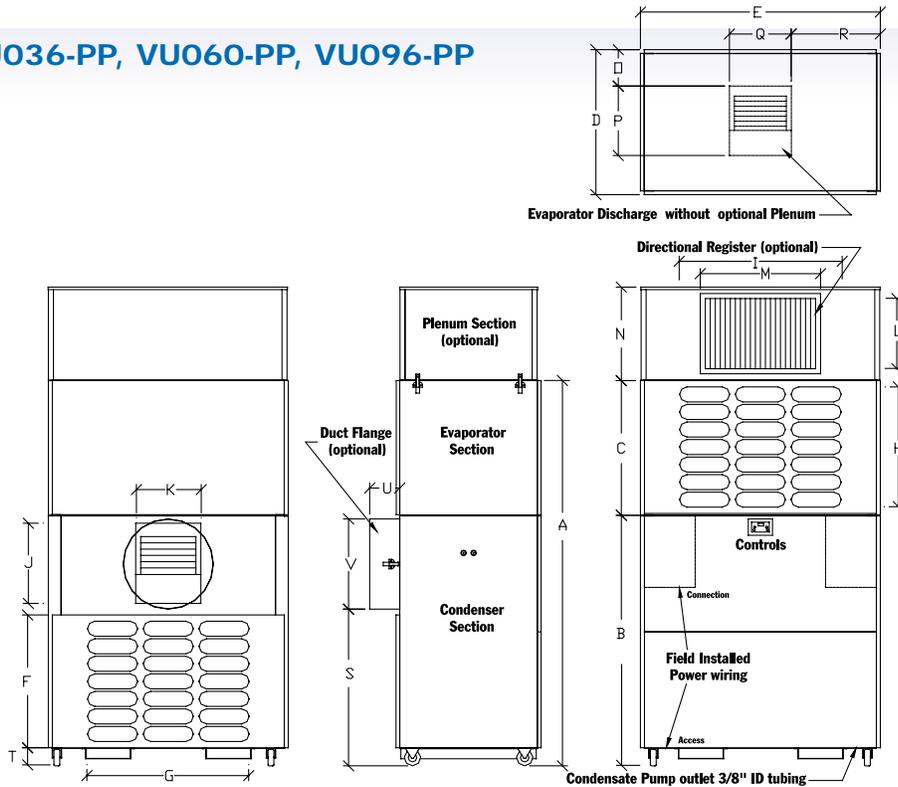
*Protects the compressor and ensures long compressor life.*

Portable Series  
PortaPac®PAC36,  
PAC60, PAC96 or  
PAC120

# PAC36, PAC60 3- & 5-Ton PAC96, PAC120 8- & 10-Ton

## Dimensional Data

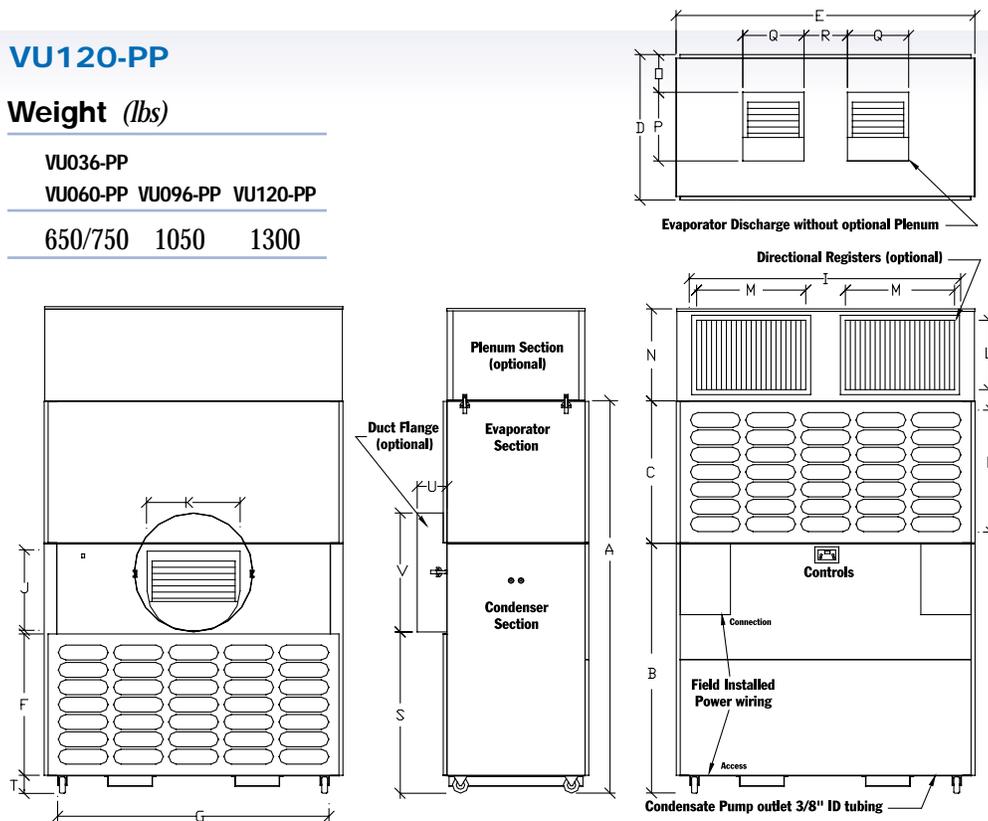
### VU036-PP, VU060-PP, VU096-PP



### VU120-PP

#### Weight (lbs)

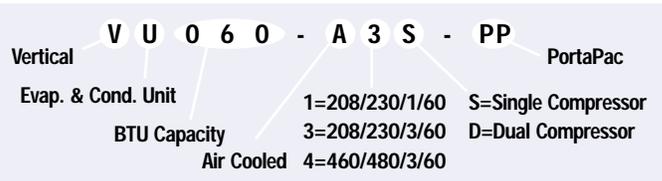
VU036-PP	VU060-PP	VU096-PP	VU120-PP
650/750	1050	1300	



# PORTABLE SERIES

## Cabinet Dimensions (inches)

	VU036-PP	VU060-PP	VU096-PP	VU120-PP
<b>A</b>	63-3/8	77	79	79-1/4
<b>B</b>	41-1/2	50	50	50-1/2
<b>C</b>	22	27	28	28-3/4
<b>D</b>	28-3/4	28-3/4	28-3/4	29-1/4
<b>E</b>	42	47-3/4	60	60-1/4
Cond Intake, height:				
<b>F</b>	21-3/4	26-1/2	28	28-1/2
Cond Intake, width:				
<b>G</b>	32-1/4	32-1/4	43	43-1/2
Evap Return, height:				
<b>H</b>	20-1/2	24	24	
Evap Return, width:				
<b>I</b>	32-1/2	32-1/4	43	43-1/2
Cond Discharge, height:				
<b>J</b>	13-1/2	16	16	
Cond Discharge, width:				
<b>K</b>	12-1/4	13	18	18-1/2
Evap Supply, height:				
<b>L</b>	12-3/4	12-3/4	12	12-3/4
Evap Supply, width:				
<b>M</b>	21-3/4	21-3/4	21	21-3/4
<b>N</b>	18-1/2	18-1/2	18	18-1/2
<b>O</b>	7	8	6	
<b>P</b>	13-1/2	13-1/2	13	13-1/2
<b>Q</b>	12-1/4	12-1/4	12	12-1/4
<b>R</b>	14-3/4	18	8	8-3/4
<b>S</b>	25-5/8	31-1/4	32	32-1/2
<b>T</b>	3-1/2	3-1/2	3	3-1/2
<b>U</b>	6	6	6	
<b>V</b>	16	18	24	



### Performance Data for PortaPac Series

Nominal Tons	Evaporator		Condenser		E.A.T.		75° Ambient		95° Ambient	
	CFM*	Fan Size	CFM*	Fan Size	DB	WB	Total	Sensible	Total	Sensible
3	1200	12 x 9	2000	12 x 9	86	72	46,000	30,000	42,500	29,800
					80	67	43,000	29,000	39,500	27,000
					75	62	41,000	28,000	35,000	24,800
5	2000	12 x 9	3100	12 x 9	86	72	74,000	51,000	68,000	46,600
					80	67	70,000	49,000	63,000	45,000
					75	62	65,000	47,000	58,000	43,600
8	3200	12 x 9	4250	15 x 9	86	72	115,000	86,000	101,000	75,000
					80	67	108,000	81,000	100,000	73,000
					75	62	105,000	79,000	94,000	71,000
10	4000	(2) 12 x 9	6000	15 x 15	86	72	148,000	107,000	132,000	95,000
					80	67	136,000	102,000	125,000	94,000
					75	62	127,000	101,000	115,000	92,000

\*CFM field adjustable from 0.1" to 1.0" external static pressure.

### Electrical Data for PortaPac Series Packaged Unit Installation

Nominal Tons	Model	Voltage	Compressor		Condenser Motor		Evaporator Motor		Main Circuit Ampacity	Max. Fuse Size
			LRA	RLA	HP	FLA	HP	FLA		
3	VU036-A1S-PP	208/230/1/60	93	22.5	1.0	7.0	0.75	5.8	40.9	60
	VU036-A3S-PP	208/230/3/60	110	14.3	1.0	3.1	0.75	2.5	23.5	35
	VU036-A4S-PP	460/480/3/60	39	5.2	1.0	1.6	0.75	1.3	11.3	15
5	VU060-A1S-PP	208/230/1/60	147	30	2.0	12.0	1.5	8.4	50	65
	VU060-A3S-PP	208/230/3/60	150	21.4	3.0	8.2	1.5	4.4	39.4	60
	VU060-A4S-PP	460/480/3/60	62	8.8	3.0	4.1	1.5	2.2	18.3	25
8	VU096-A3D-PP	208/230/3/60	130	16.8	3.0	8.2	3.0	8.2	54.2	70
	VU096-A4D-PP	460/480/3/60	45	6.3	3.0	4.1	3.0	4.1	26.7	35
10	VU120-A3D-PP	208/230/3/60	150	12	5.0	14.0	3.0	8.2	70.4	90
	VU120-A4D-PP	460/480/3/60	62	8.8	5.0	7.0	3.0	4.1	32.7	45

In the interest of product improvements, specifications are subject to change without notice.

Current technical information available online or call 888-324-7722.



City of New York  
MEA141-91-E

Meets City of Chicago  
Code, when specified