

**SMART FAMILY**



**OF  
COOLING PRODUCTS**

# Rental Ready Air Cooled Package A/C Units



## Model SACP 12-80 Tons



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# SACP FEATURES

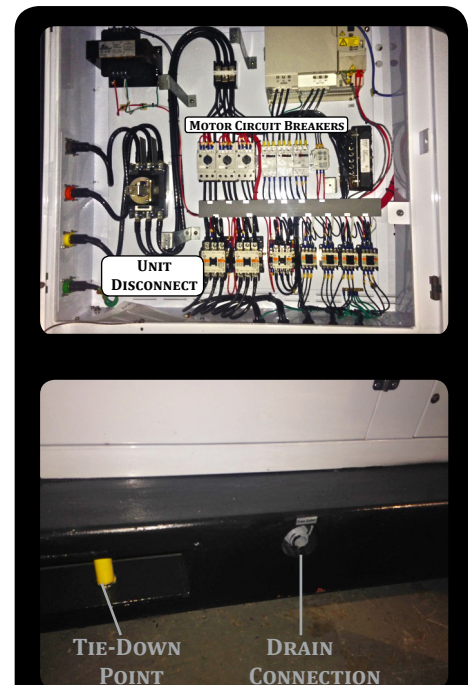
Smart Family features a complete line of Rental Ready cooling equipment. Our model SACP Air Cooled Packaged Air Conditioning Units can provide a 35-40F (air) temperature difference across the cooling coil to insure the coldest air is delivered to your clients. The standard high static model can provide up to 8" of total static pressure. These units can provide chilled air even in ambients as high at 100F.

We have three series of rental air conditioning package units: High Static (our most popular!), Duty duty or hybrid, and entertainment. Each unit is best suited for a particular application. If you are unsure which is right for you, we suggest you contact our sales staff for assistance.

There are many benefits that make our units stand apart from our contemporaries. Here are some highlights:

- **Suction Accumulator & Hot Gas Bypass** on all refrigeration circuits
- Internally isolated refrigeration components
- **Stainless Steel Hardware** with nylon lock nuts
- Hot dipped Galvanized base and overhead lift frame with fork pockets
- 1000 hour Salt Spray paint with oxide primer & epoxy top coat
- **Marked Center of Gravity** on all sides of unit
- Marked Weight on minimum of two sides of unit
- Stainless Steel drain pan with **installed PVC pea trap drain** (within structure of frame)
- Stainless Steel coil supports
- Lockable Unit Circuit Breaker
- Circuit Breakers (in lieu of fuses) on ALL devices
- Low voltage unit operator panel
- Super bright indicator LED lights
- Installed **200A Cam-lok connections**
- **Non-proprietary controller** with option to run manually

- All air handler sections feature **double wall construction**
- Filter access on both sides of unit
- Premium efficient TEFC blower motor



# SACP Models

We offer three distinct models of our SACP product line. Smart Family features a High Static model (Our most popular), a dual duty or hybrid unit, and our Entertainment designed units. With the varying features of each unit, we are sure you will find one that fits your needs perfectly.

## *HIGH STATIC*

Smart Family's **SACP-HS High Static** Packaged A/C Units offer an extremely small footprint. These units are designed for 100% outside air applications. Each unit utilizes a high class, AMCA certified high static, direct drive plenum blower, with is designed for at least 4" external static pressure. As you see on the picture on the bottom right of our cover page, the high static benefit can allow you to move air up a very, very long distance - even over 20 stories vertically! We also have fully sheathed incolloy heat available for these models. The SACP-HS features R-410a refrigerant and also has a dehumidification option available.

## *HYBRID*

Smart Cooling also offers a **Hybrid** Package A/C Unit which is designated by our **SACP-Q** model. These units feature an oversized air handling section to allow the user to run 100% outside air or a higher volume of recirculating air. With the thought of high volume recirculating air, we have added additional duct doors on this unit as well. Our hybrid unit is available with up to FOUR independent refrigerant circuits, providing it with the maximum amount of redundancy possible. The SACP-H features R-407c refrigerant with the option for R-410a as well as an optional pre-designed electric heat circuit. If you require an explosion-proof classification, these units can be pre-built for Class 1, Division 2, Groups C&D environments.

## *ENTERTAINMENT*

Entertainment is a large part of the rental industry. At Smart Family, we can proudly say that have helped keep actors & actresses cool on various movie and television show sets as well as athletes at various sporting events. With an unbelievably small footprint and narrow width, these units are easily portable. The **SACP-V Entertainment** units offer ultra-low noise, even as low as 55dBA! These units are available as ductable or direct mount. They are designed with integral electrical sheathed heat (optional to order less heat). The SACP-V offers a complete package when it comes to entertainment temperature control.

# SACP SPECIFICATIONS

## High Static Packaged AC Units

Model	Rated Air Flow (cfm) <sup>§</sup>	Blower Static Pressure (wg)	Blower Type	Refrigerant	MCA (460/3/60)	Dimension LxWxH (inches)	Weight (lbs)
SACP12A-HS	1600	8.0"	Plenum*	R-410a	37A	72"x80"x87"	2,200
SACP17A-HS	2,100	7.0"	Plenum*	R-410a	41A	72"x80"x92"	3,200
SACP20A-HS	3,500	7.5"	Plenum*	R-410a	45A	72"x88"x95"	3,950
SACP28A-HS	4,000	8.0"	Plenum*	R-410a	47.9A	72"x88"x98"	4,040
SACP40A-HS	6,400	6.5"	Plenum*	R-410a	67.6A	78"x88"x98"	4,620
SACP60A-HS	15,000	6.5"	Plenum*	R-410a	129A	130"x88"x98"	6,220
SACP80A-HS	12,800	6.5"	Plenum*	R-410a	143A	130"x88"x98"	7,500

\* Plenum fans are direct driven by TEFC motor which are controlled by VFD and include an integral bypass starter.

All Units have a pre-designed heat option with will add length to the unit - typically 15"

§ CFM rating is at 100% OA

## Packaged AC Units - Hybrid Units

Model	Rated Air Flow (cfm) <sup>§</sup>	Blower Static Pressure (wg)	Blower Type	Refrigerant	MCA (460/3/60)	Dimension LxWxH (inches)	Weight (lbs)
SACP20Q	4,200	7.0"	Plenum*	R-407c	46A	104"x77"x88"	3,990
SACP25Q	5,000	6.4"	Plenum*	R-407c	52A	110"x88"x92"	4,250
SACP27Q	10,000	6.5"	Plenum*	R-407c	57A	87"x88"x99"	4,800
SACP30Q	8,200	4.0"	Plenum*	R-407c	59A	115"x88"x99"	6,000
SACP40Q	9,500	7.0"	Plenum*	R-407c	82A	134"x88"x98"	7,800
SACP65Q	17,000	7.5"	Plenum*	R-407c	130A	180"x88"x98"	9,150

\* Plenum fans are direct driven by TEFC motor which are controlled by VFD and include an integral bypass starter.

All Units have a pre-designed heat option with will add length to the unit

§ CFM rating is recirculating air design point

## Packaged AC Units - Entertainment Units

Model	Rated Air Flow (cfm) <sup>§</sup>	Blower Static Pressure (wg)	Blower Type	Refrigerant	MCA (460/3/60)	Dimension LxWxH (inches)	Weight (lbs)
SACP20V	9,200	1.5"	Plenum*	R-410a	35A	96"x36"x96"	2,100
SACP25V	11,500	1.7"	Plenum*	R-410a	42A	110"x36"x96"	2,400
SACP65V	20,000	3.5"	Plenum*	R-410a	135A	136"x88"x98"	6,500

\* Plenum fans are direct driven by TEFC motor which are controlled by VFD and include an integral bypass starter.

§ CFM rating is recirculating design point

All Units have a pre-designed heat option with will add length to the unit

All units include sound attenuation packages. Package drops overall unit sound levels to below 55dBA.