

# 60 TON AIR-COOLED CHILLER

## PA-ACCTR-60

The 60-Ton portable chiller package features a Trane® CGAM chiller unit. Trane® leads the industry in providing some of the most reliable, efficient and quiet chiller units in the marketplace. Trane® CGAM chiller units feature direct-drive, low-speed scroll compressors, microprocessor control systems, factory installed strainer systems and flow switches. All of these features are key components to keeping your chiller system operating for the long haul.

All portable chiller units are mounted on Heavy-Duty and DOT Approved trailer designs with plenty of storage for chiller accessories that you can count on to last. Trailers are constructed using an all-steel frame with wood decking material with brake options to include: electric, hydraulic or pneumatic packages.



## 60 TON AIR-COOLED CHILLER FEATURES

- ◆ Single Point Power Connection with Quick Connect Camlock Connections
- ◆ Integrated Circuit Breaker Overcurrent Protection
- ◆ 3HP/150 GPM Pump Package
- ◆ (2) 50' Suction/Discharge Water Hoses
- ◆ 100' 4/0 Power Cable with Camlock Connections

**Call us today! (800)341-4297**



## GENERAL

◆ Trane® Chiller Model	CGAM060F2
◆ CFM (Cubic Feet Per Minute)	55190
◆ Number of fans	6
◆ Number of compressors	4

## DIMENSIONS

◆ Length with Trailer	278"
◆ Width with Trailer	96"
◆ Height with Trailer	117"
◆ Shipping Weight with Trailer	7,960 Pounds

## ELECTRICAL DATA

◆ Power Supply	460V/3PH/150A/60Hz
◆ Water Connections	4" Camlock
◆ Minimum Circuit Ampacity	131.60A
◆ Min/Max Operational Volts	414V - 506V

## ADDITIONAL INFORMATION

- ◆ Architectural Louvered Panels

# 60 TON AIR-COOLED CHILLER



## Product Data - Air-Cooled Scroll

60 hertz  
 460 volt 3 phases  
 High efficiency/performance  
 Full factory refrigerant charge (HFC-410A)  
 With freeze protection (External T-STAT control)  
 Refrigerant isolation valves (discharge valve)  
 UL listed  
 ASHRAE 90.1 all versions compliant  
 AHRI certified  
 Factory installed flow switch - set point 65 cm/sec  
 Standard cooling (42 to 65F/5.5 to 18C)  
 Grooved pipe connection

Factory insulation - all cold parts  
 Performance based on water  
 Wide ambient (0 to 125F/-18 to 52C)  
 Lanced aluminum fins  
 Across the line starter/direct on line  
 Single point power connection  
 Circuit breaker-high fault rated control panel  
 Enclosure type UL 1995 rated for outdoor applications  
 High A short circuit rating  
 With water strainer factory installed  
 Super quiet  
 Architectural louvered panels

## Performance Data - Air-Cooled Scroll

<b>Tags</b>	<b>60 Ton</b>	<b>Tags</b>	<b>60 Ton</b>
Capacity (tons)	55.80	Saturated cond temp circuit 1 (F)	120.60
Unit power input (kW)	66.70	Saturated cond temp circuit 2 (F)	120.60
Full load efficiency (EER)	10.0	Compressor power input (kW)	59.0
NPLV (EER) 1	14.9	RLA - compressor 1A (A)	25.80
IPLV (EER)	15.3	LRA - compressor 1A (A)	160.00
Sound power level (dBA)	91	RLA - compressor 1B (A)	25.80
Sound pressure level (dBA)	65	LRA - compressor 1B (A)	160.00
Refrigerant	R410A	RLA - compressor 2A (A)	25.80
Refrigerant charge circuit 1 (lb)	50.5	LRA - compressor 2A (A)	160.0
Refrigerant charge circuit 2 (lb)	50.5	RLA - compressor 2B (A)	25.80
Oil charge circuit 1 (gal)	3.54	LRA - compressor 2B (A)	160.0
Oil charge circuit 2 (gal)	3.54	Total airflow (cfm)	55190
Evap entering temp (F)	56.00	Number of fans ( )	6
Evap leaving temp (F)	42.00	Fan motor power (kW)	7.40
Evap flow rate (gpm)	95.50	Total fan FLA (A) 2	20.20
Min evap flow rate (gpm)	83.90	Single point power MCA (A)	131.60
Min flow PD evap+strainer (ft H2O)	6.8	Single point power MOP (A)	150.00
Max evap flow rate (gpm)	201.40	Short circuit current rating (A)	65000.00
Max flow PD evap+strainer (ft H2O)	36.00	Number of compressors ( )	4
Evap fluid freeze point (F)	32.00	Number of circuits ( )	2
Evap press drop (ft H2O)	6.20	Capacity steps ( )	4
Total PD evap+strainer (ft H2O)	8.70	Shipping weight (lb)	4978.3
Evap fouling factor (hr-sq ft-deg F/Btu)	0.00010	Operating weight (lb)	5033.3
Saturated evap temp circuit 1 (F)	36.30	Length (in)	150.000
Saturated evap temp circuit 2 (F)	36.20	Width (in)	88.600
Ambient air temperature (F)	95.00	Height (in)	84.800
Elevation (ft)	0.00		