



AC100 reverse cycle air conditioner

Aggreko Air Conditioner (AC) units cover a wide range of applications from tent cooling to turbine inlet air cooling. The AC100 model is a reversible-cycle packaged unit that can not only cool but also heat, dehumidify and filter the air to ensure an ideal climate for human occupancy or product storage. Moisture is also removed from the air as a natural side-effect of the cooling process.

KEY DATA

COOLING CAPACITY	102.9 kW at 5.3 m ³ /s, 35°C ambient
HEATING CAPACITY	98.9 kW at 5.3 m ³ /s, 7°C ambient
ABSORBED POWER	34 kW
MAXIMUM AMBIENT TEMPERATURE	40°C

PHYSICAL DATA

LENGTH / WIDTH / HEIGHT	2.91m / 2.25m / 2.25m
WEIGHT	2185kg

FEATURES

- Designed and assembled to Aggreko's standards
- Reverse cycle, multi-functional unit
- Condenser fan guards
- Direct expansion (DX) design
- Broad temperature control range
- Energy-efficient compressor units
- Fork lift pockets and top lifting points

BENEFITS

- Safe and reliable operation for rental applications
- Provides cooling, heating, dehumidification and filtering of air
- Protection against accidental site damage
- Allows rapid 'plug and play' installation
- Suits a wide variety of applications
- Reduced total cost of operation
- Safe, balanced lifting and placing in tight places

PERFORMANCE DATA	UNIT	VALUE	ELECTRICAL DATA	UNIT	VALUE
DESIGN CAPACITY COOL / HEAT)	kW	102.9/98.9	DESIGN SUPPLY		415V-3ph-50Hz
DESIGN AMBIENT TEMPERATURE (COOL / HEAT)	°C	27 / 19	RECOMMENDED GENERATOR SET	kVA	100
MINIMUM / MAXIMUM TEMPERATURE (COOL / HEAT)	°C	-5 / 40	OUTDOOR SIDE DATA	UNIT	VALUE
INDOOR SIDE DATA	UNIT	VALUE	NUMBER OF FANS		2
DESIGN AIR FLOW	m ³ /s	5.3	DESIGN AIR FLOW	m ³ /s	5.9
MAXIMUM AIR FLOW AT FREE OUTLET	m ³ /s	7	NOISE DATA	UNIT	VALUE
REFRIGERANT AND OIL DATA	UNIT	VALUE	SOUND PRESSURE LEVEL AT 10M	dB(A)	57
TYPE		R410A	SOUND POWER LEVEL	dB(A)	85
NUMBER OF CIRCUITS		2			

*Equipment supplied may vary slightly

Fully-engineered temperature control rental solutions

Aggreko provides a full engineering, design and installation service to ensure the temperature needs of your process, facility, project, event or people are effectively met during any maintenance, breakdown, productivity improvement, seasonal heat and comfort cooling requirement conditions. With a team of experienced and dedicated TC specialists, Aggreko has the expertise to deliver complex temporary TC solutions across a diverse range of industries including HVAC, refining and petrochemical, manufacturing, food and beverage, mining, utility, construction, cold storage and events.

Full range of temperature control equipment

FLUID CHILLERS

- 50 kW to 1500 kW
- Air cooled and water cooled



AIR CONDITIONERS

- 4 kW to 200 kW
- Comfort, commercial and industrial cooling



AIR HANDLING UNITS

- 100 kW to 500 kW
- Can combine with chiller units



HEAT EXCHANGERS

- Flow rate 30 l/s to 70 l/s
- Corrosion-resistant material



FLUID PUMPS

- 3 l/s to 120 l/s
- Process water pumping for chiller and cooling tower loops



COOLING TOWERS

- 2500 kW and 10000 kW capacity
- Industrial and commercial applications



DEHUMIDIFIERS

- 700 l/s and 2000 l/s capacity
- Dry, moisture-free air for industrial purposes



HEATERS

- 50 kW to 500 kW
- Air (electric) and water (diesel-fired) heaters



SABIC COOLING PROJECT IN USE



Aggreko also owns a large fleet of gensets ranging from 30 kVA to 1250 kVA that can be supplied along with its TC range of equipment as a power source



Heating and cooling **how** you need it,
when you need it, **where** you need it.

