



Reverse Cycle Packaged AC50W

Air Conditioners cover a wide range of applications including cooling of temporary structures, storage areas and turbine inlet air.

KEY DATA		PERFORMANCE DATA	UNIT	VALUE
COOLING CAPACITY	53 kW at 2.4 m ³ /s, ambient 35°C	DESIGN CAPACITY (COOL / HEAT)	kW	53 / 56
HEATING CAPACITY	98.9 kW at 5.3 m ³ /s, 7°C ambient	DESIGN COOLING AIR ON TEMPERATURE (DRY BULB/WET BULB)	°C	27 / 19
ABSORBED POWER	21 kW	DESIGN AMBIENT TEMPERATURE (COOL / HEAT)	°C	35 / 7
MAXIMUM AMBIENT TEMPERATURE	66 m ³ /s	MINIMUM/MAXIMUM AMBIENT TEMPERATURE	°C	-5 / 40
PHYSICAL DATA		AIR CONNECTIONS	UNIT	VALUE
LENGTH / WIDTH / HEIGHT	2.25m / 2.20m / 2.11m	INLET	Ø mm	2 x 500
WEIGHT	1655kg	OUTLET	Ø mm	2 x 500

INDOOR SIDE DATA	UNIT	VALUE	OUTDOOR SIDE DATA	UNIT	VALUE
DESIGN AIR FLOW	3.03m	2.4	NUMBER OF FANS		2
MAXIMUM EXTERNAL PRESSURE AT DESIGN FLOW	Pa	280	MOTOR POWER PER FAN	kW	2.83
MAXIMUM AIR FLOW AT FREE OUTLET	m ³ /s	4.6	DESIGN AIR FLOW	m ³ /s	4.3
FAN POWER	kW	2.82	FAN EXTERNAL STATIC PRESSURE	Pa	79 dBA
FAN TYPE	EC Centrifugal Backward Curved		REFRIGERANT AND OIL DATA	UNIT	VALUE
DESIGN FAN SPEED	rpm	1400	TYPE		R410A
AIR FLOW CONTROL	0-10V Signal		NUMBER OF CIRCUITS		2
ELECTRICAL DATA	UNIT	VALUE	TOTAL REFRIGERANT CHARGE	kg	24.0
DESIGN ELECTRICAL SUPPLY TYPE		415V-3ph-50Hz	TYPE OF COMPRESSOR OIL		POE
DESIGN ELECTRICAL RATING	kW	21	TOTAL OIL CHARGE	L	8.0
DESIGN / MAXIMUM OPERATING CURRENT	A	36 / 53	COMPRESSOR DATA	UNIT	VALUE
STARTING CURRENT	A	110	TYPE		Scroll
RECOMMENDED GENERATOR SET	kVA	60	NUMBER OF COMPRESSORS		2
MINIMUM CABLE SIZE PER PHASE	mm ²	60	NUMBER AND SIZE OF CAPACITY STEPS	No / %	1 / 50
CABLE CONNECTION TYPE	50A Clipsal		NOISE DATA	UNIT	VALUE
			SOUND PRESSURE LEVEL AT 10M	dB(A)	57
			SOUND POWER LEVEL	dB(A)	85

*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



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.

