

ACS 2200 to 2800

- ◆ Cooling capacity from 200kW to 800kW
- ◆ Ecological refrigerants HFC 134a and HFC 407c
- ◆ Dual twin rotor rotary screw compressors
- ◆ Microprocessor control system
- ◆ Infinitely variable capacity control
- ◆ Dual independent refrigeration circuits
- ◆ Thermostatic expansion valves
- ◆ Sickle bladed low noise fans
- ◆ Low noise levels



Optional Features

- ◆ Variable speed fans
- ◆ Acoustic compressor enclosures
- ◆ Spring anti-vibration mounts
- ◆ Armerlock 400 protective paint finish
- ◆ BACnet Gateway Interface system

FEATURES	BENEFITS
Two independent refrigerant circuits	System standby 50%
Remote alarm contacts	Warning of problem
Efficient screw compressors	Long life, reliable operation low energy input
Corrosion free IP55 fibreglass control cabinets	No rusting or water leakage
Part winding starters up to 600kW chillers	Simple long life starting
Star-delta starters over 600kW chillers	Reduced starting current
Separate power and control wiring cabinets	Operator safety
Door mounted mains isolator	Single point power entry
Compressor circuit breakers	Individual compressor protection
Fault recording	Storage of last 250 faults with history
Full factory run test under load	Ensures unit operates satisfactorily prior to delivery
Treated condenser coils	Reduces corrosion due to climatic conditions

UNIT SIZE	Cooling Capacity	Power Input	Amps Input	SPL @10 meters	Length x width x height
ACS2200	215	66	117	62dBA	3140 x 2250 x 2250
ACS2250	273	82	132	62dBA	3140 x 2250 x 2250
ACS2300	301	88	139	62dBA	3140 x 2250 x 2250
ACS2350	349	102	170	64dBA	4283 x 2250 x 2250
ACS2400	403	116	187	64dBA	4283 x 2250 x 2250
ACS2500	496	141	229	65dBA	5426 x 2250 x 2250
ACS2600	597	169	273	67dBA	5426 x 2250 x 2250
ACS2700	712	199	308	69dBA	6569 x 2250 x 2250
ACS2800	795	221	340	71dBA	6569 x 2250 x 2250

Ratings based on 30°C Ambient, 6°C Leaving water temperature, 6K range. Power input and amps draw are for Compressors only

ACS 1100 to 1400

- ◆ Cooling capacity from 100kW to 400kW
- ◆ Ecological refrigerants HFC 134a and HFC 407c
- ◆ Single twin rotor rotary screw compressor
- ◆ Microprocessor control system
- ◆ Infinitely variable capacity control
- ◆ Single refrigeration circuit
- ◆ Thermostatic expansion valve
- ◆ Sickle bladed low noise fans
- ◆ Low noise levels



Optional Features

- ◆ Variable speed fans
- ◆ Acoustic compressor enclosures
- ◆ Spring anti-vibration mounts
- ◆ Armerlock 400 protective paint finish
- ◆ BACnet Gateway Interface system

FEATURES	BENEFITS
Single refrigerant circuit	Reduced cost
Remote alarm contacts	Warning of problem
Efficient screw compressor	Long life, reliable operation low energy input
Corrosion free IP55 fibreglass control cabinets	No rusting or water leakage
Part winding starters up to 300kW chillers	Simple long life starting
Star-delta starters over 300kW chillers	Reduced starting current
Separate power and control wiring cabinets	Operator safety
Door mounted mains isolator	Single point power entry
Compressor circuit breaker	Individual compressor protection
Fault recording	Storage of last 250 faults with history
Full factory run test under load	Ensures unit operates satisfactorily prior to delivery
Treated condenser coils	Reduces corrosion due to climatic conditions

UNIT SIZE	Cooling Capacity	Power Input	Amps Input	SPL @10 meters	Length x width x height
ACS1100	107	33	59	59dBA	3140 x 1341 x 2250
ACS1125	136	41	66	59dBA	3140 x 1341 x 2250
ACS1150	150	44	69	59dBA	3140 x 1341 x 2250
ACS1175	174	51	85	61dBA	4283 x 1341 x 2250
ACS1200	201	58	93	61dBA	4283 x 1341 x 2250
ACS1250	248	70	114	62dBA	3140 x 2250 x 2250
ACS1300	298	85	136	64dBA	3140 x 2250 x 2250
ACS1350	356	100	154	66dBA	4283 x 2250 x 2250
ACS1400	398	110	170	68dBA	4283 x 2250 x 2250

Ratings based on 30°C Ambient, 6°C Leaving water temperature, 6K range. Power input and amps draw are for Compressors only

WCS 2230 to 2860

- ◆ Cooling capacity from 200kW to 800kW
- ◆ Ecological refrigerants HFC 134a and HFC 407c
- ◆ Dual twin rotor rotary screw compressors
- ◆ Microprocessor control system
- ◆ Infinitely variable capacity control
- ◆ Dual independent refrigeration circuits
- ◆ Thermostatic expansion valves
- ◆ Low noise levels



Optional Features

- ◆ Modulating condenser water valves
- ◆ Acoustic compressor enclosures
- ◆ Spring anti-vibration mounts
- ◆ Armerlock 400 protective paint finish
- ◆ BACnet Gateway Interface system

FEATURES	BENEFITS
Two independent refrigerant circuits	System standby 50%
Remote alarm contacts	Warning of problem
Efficient screw compressors	Long life, reliable operation low energy input
Corrosion resistant IP55 steel control cabinets	No rusting or water leakage
Part winding starters up to 600kW chillers	Simple long life starting
Star-delta starters over 600kW chillers	Reduced starting current
Separate power and control wiring cabinets	Operator safety
Door mounted mains isolator	Single point power entry
Compressor circuit breakers	Individual compressor protection
Fault recording	Storage of last 250 faults with history
Full factory run test under load	Ensures unit operates satisfactorily prior to delivery
Copper condenser tubes	High efficiency heat transfer

UNIT SIZE	Cooling Capacity	Power Input	Amps Input	SPL @10 meters	Length x width x height
WCS2230	240	58	106	59dBA	3500 x 850 x 1500
WCS2290	305	72	119	59dBA	3500 x 850 x 1500
WCS2320	331	77	125	59dBA	3500 x 850 x 1500
WCS2370	384	89	153	61dBA	3500 x 850 x 1500
WCS2440	444	102	166	61dBA	3600 x 1200 x 2100
WCS2540	546	124	205	63dBA	3600 x 1200 x 2100
WCS2650	658	149	243	65dBA	3600 x 1200 x 2100
WCS2770	784	175	273	67dBA	3600 x 1200 x 2100
WCS2860	876	194	302	70dBA	3600 x 1200 x 2100

Ratings based on 29°C Condenser water, 6°C Leaving water temperature, 6K range. Power input and amps draw are for Compressors only

ACSR 2200 to 2800

- ◆ Cooling capacity from 200kW to 800kW
- ◆ Ecological refrigerants HFC 134a and HFC 407c
- ◆ Dual twin rotor rotary screw compressors
- ◆ Microprocessor control system
- ◆ Infinitely variable capacity control
- ◆ Dual independent refrigeration circuits
- ◆ Thermostatic expansion valves
- ◆ Low noise levels
- ◆ Remote air cooled condensers
- ◆ W or flat coils and sickle blade fans



FEATURES	BENEFITS
Two independent refrigerant circuits	System standby 50%
Remote alarm contacts	Warning of problem
Efficient screw compressors	Long life, reliable operation low energy input
Corrosion free IP55 control cabinets	No rusting or water leakage
Part winding starters up to 600kW chillers	Simple long life starting
Star-delta starters over 600kW chillers	Reduced starting current
Separate power and control wiring cabinets	Operator safety
Door mounted mains isolator	Single point power entry
Compressor circuit breakers	Individual compressor protection
Fault recording	Storage of last 250 faults with history
Full factory run test under load	Ensures unit operates satisfactorily prior to delivery
Treated condenser coils	Reduces corrosion due to climatic conditions

Optional Features

- ◆ Variable speed fans for condensers
- ◆ Acoustic compressor enclosures
- ◆ Spring anti-vibration mounts
- ◆ Armerlock 400 protective paint finish
- ◆ BACnet Gateway Interface system

UNIT SIZE	Cooling Capacity	Power Input	Amps Input	SPL @10 meters	Length x width x height
ACS2200	215	66	117	59dBA	3500 x 850 x 1800
ACS2250	273	82	132	59dBA	3500 x 850 x 1800
ACS2300	301	88	139	59dBA	3500 x 850 x 1800
ACS2350	349	102	170	61dBA	3500 x 850 x 1800
ACS2400	403	116	187	61dBA	3600 x 1200 x 1800
ACS2500	496	141	229	63dBA	3600 x 1200 x 1800
ACS2600	597	169	273	65dBA	3600 x 1200 x 1800
ACS2700	712	199	308	67dBA	3600 x 1200 x 1800
ACS2800	795	221	340	70dBA	3600 x 1200 x 1800

Ratings based on 30°C Ambient, 6°C Leaving water temperature, 6K range. Power input and amps draw are for Compressors only