



# 60kW AIR COOLED CHILLER



CODE: 1 CHL-060



## ACCESSORIES



CHILLED WATER PUMPS



CHILLED WATER PIPE WORK



1400 AMP SWITCH BOARDS



5 LANE CROSS OVER



3 PHASE CABLES

Designed for commercial or industrial applications. The new 60kW Air Cooled Chiller integrates the latest technological innovations:

- ozone-friendly refrigerant R410A
- scroll compressors
- low-noise fans made of a composite material
- auto-adaptive microprocessor control
- electronic expansion valve variable-speed pump (option)

### Unit Information

Model Number:	30RBS-060A
Refrigerant:	R410A
Shipping Weight:	517 kg
Operating Weight:	504 kg
Unit Length:	2170 mm
Unit Width:	1370 mm
Unit Height:	1570 mm

### Evaporator Information

Fluid Type:	Fresh Water
Fouling Factor:	0.0180 (sqm-K)/kW
Leaving Temperature:	6.0 °C
Entering Temperature:	12.0 °C
Fluid Flow:	2.23 L/s
Total Pressure Drop:	44.0 kPa

### MCHE Coating Requirements Information

Country:	Australia
Yearly Average Temperature:	35.0 °C
Yearly Average Effective Humidity:	75.0 %
Distance from Coast:	0.1 km
Corrosive/Industrial Environment:	No

### Integrated Pump Information

Static Head at Pump	196.7 kPa
Static Head External to Chiller	152.7 kPa

### Performance Information

Cooling Capacity	56 kW
Total Compressor Power	20.4 kW
Total Fan Motor Power	0.71 kW
Total Unit Power	1.34 kW
Efficiency	2.58 kW
A-Weighted Sound Power Level	81 dbA

### Accessories and Installed Options

Opt. 263 Super Enviro-shield
Opt. 116C Fixed Speed Dual Pump HP

### Electrical Information

Unit Voltage:	400-3-50 V-Ph-Hz
Standby Power:	2.50 kW
Minimum Voltage:	360 Volts
Maximum Voltage:	440 Volts
Power Factor:	0.83

### Condenser Information

Altitude:	0 m
Number of Fans:	1
Total Condenser Fan Air Flow at 20°C:	3908 L/s
Entering Air Temperature:	35.0 °C

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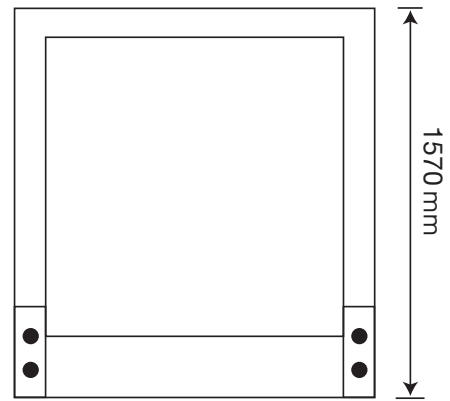
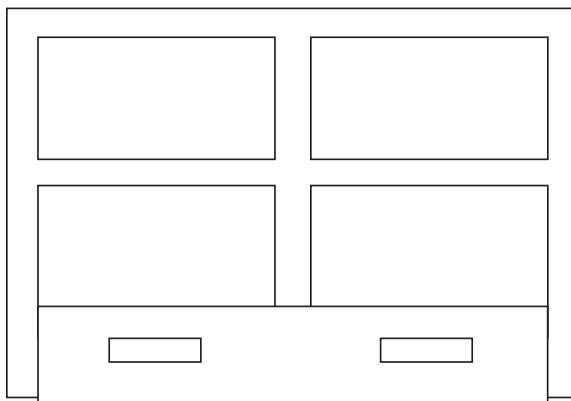
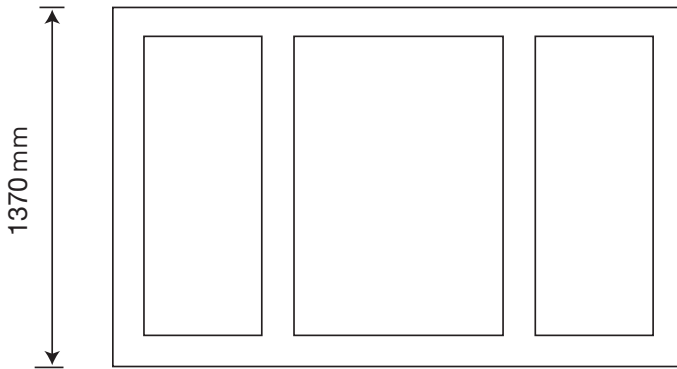
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# CH-C-60



Amps (Un)	Electrical Circuit 1	Electrical Circuit 2
Max Unit Current Draw (RLA)	57.1	---
Max Start Up Current (ICF)	150.1	---
Nominal Unit Current Draw (A)	40.3	---



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