

AIRA

By SEELEY INTERNATIONAL 

Optimal HVAC Solutions

For Heating, Cooling and Ventilation

ALVALA Series
HCV\HCVR Series
SD/DU Series
GDH Series



SEELEY 
INTERNATIONAL

COMMERCIAL HVAC SOLUTIONS



Australian designed, made and owned!

Australian-made for Australia's climate, Seeley International is 100% Australian-owned and the country's largest air conditioning manufacturer. We lead in creating energy-efficient cooling and heating solutions globally. Our locally made products ensure reliable supply, quality, and after-sales support, while we continue to support the Australian economy and local jobs.

World leading high performance and efficient HVAC solutions



Hyper-efficient indirect evaporative cooling solutions



Evaporative cooling for commercial or industrial cooling applications



View our full range of HVAC products



Comprehensive range of VRF Air Conditioning with intelligent heating & cooling control software.



Commercial gas heating solutions and Hydrogen-ready HCV products

Built to purpose and standard, high performance energy efficient solutions.

AIRA offers high performing evaporative coolers, direct and indirect gas fired heaters and HCV/HCVR (heating, cooling ventilation) equipment to the commercial and industrial market.

Produced by Australia's largest and most awarded air conditioning manufacturer, AIRA provides economical, high performing and energy efficient solutions. Solutions which are adaptable to suit a wide range of applications.



COST EFFECTIVE
Economical, energy efficient solutions



AUSTRALIAN
Designed and manufactured in Australia by an Australian owned family company



QUALITY
High performance, leading technology and innovation come as standard



RANGE
Extensive range that is adaptable to suit a wide range of applications



ENVIRONMENT
Energy efficient cooling solutions



TECHNICAL SUPPORT
A team of experienced design consultants and application engineers

Evaporative Coolers

Energy efficient evaporative coolers in a variety of sizes and capacities. Designed for large areas such as factories, warehouses, stadiums and clubs.

ALVALA Series Evaporative cooler



High Capacity Gas Heaters

Gas heaters that can be combined with cooling systems or operated as a stand alone heater. Includes indirect and direct fired gas heaters and radiant heating. Designed for factories, warehouses, showrooms, door curtains and more.

DU/SD Series Gas heaters **GDH Series** Direct fired duct heaters



Heating, Cooling and Ventilation

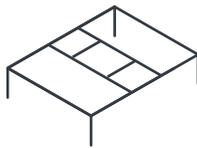
Energy efficient and lightweight units that combine gas heating with evaporative cooling. Flexible installation options make this unit ideal for large open spaces including factories, warehouses, sporting facilities, hotels and clubs.

HCV/HCVR Series Heating, cooling and ventilating units

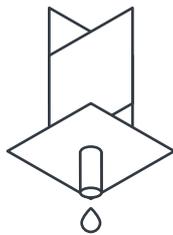




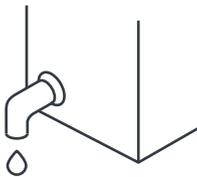
Evaporative Cooler



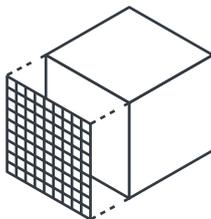
ROOF STAND



AUTO DRAIN KIT



EXTERNAL WATER CONNECTION



PAD PROTECTION COVER

The pinnacle of quality, these evaporative coolers are energy efficient, cost effective and designed for large open spaces such as factories and large warehouses.

FEATURES

- Side, top or down duct connection discharge
- Heavy duty, marine grade aluminium cabinet
- Non-corrosive low content water reservoir
- Heavy duty centre hung forward curve, belt drive blowers
- Strong easy grip pad handles for easy maintenance
- Mini-Cell[^] Chillcel[®] pad technology
- External water connection and float pre-fitted

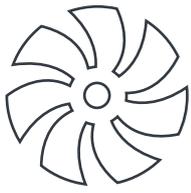
OPTIONS

- Automatic drain valve and water management kit
- Variable pitch adjustable galvanised roof stand
- Aira GDH and DU/SD heater connectable
- Aluminium louvre covers
- Bushfire ember screen
- Filter panels
- Stainless steel fabrication
- Crane lifting lugs for installation.

Model: AL36 Specifications	Motor (kW)	Standard Airflow	Controller Options	Dimensions (H x W x xD)
	15.0 kW - 3 Phase	18 000 L/s	Wall Switch	(H) 2275 x (W) 2300 x (D) 2300
	18.5 kW - 3 Phase	21 000 L/S	Wall Switch	(H) 2275 x (W) 2300 x (D) 2300



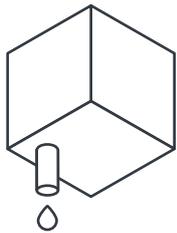
Wall Mounted Evaporative Coolers



AXIAL FAN

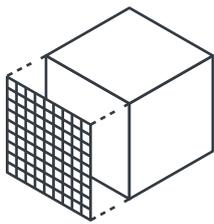
Energy efficient, cost effective and compact evaporative wall mounted coolers that are designed for large areas such as warehouses and stadiums.

FEATURES



AUTO DRAIN KIT

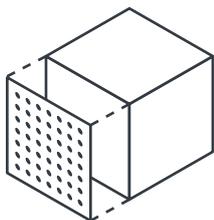
- Economical form of cooling
- Compact design
- 11,300 L/s airflow
- Mini-Cell[^] Chillcell[®] pad technology
- Heavy duty, marine grade aluminium cabinet
- Non-corrosive low content water reservoir
- Axial fan
- Easy installation
- Ball guards



PAD PROTECTION COVER

OPTIONS

- Auto drain kit
- Colour matching option
- Pad protection covers



BALL GUARD

SPECIFICATIONS

Model	ALA1200
Airflow (L/s)	11300
Height (mm)	2055
Width (mm)	1550
Depth (mm)	1036 (+300)
Weight (kg)	130
Motor (kW)	1.1 kW - 3 Phase

40mm Overflow
15mm BSP water

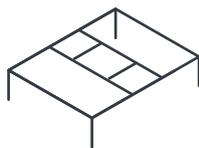
Optional: Auto drain kit.

HCV / HCVR Series

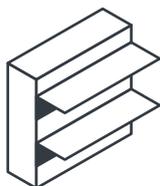
Heating, Cooling and Ventilating Units



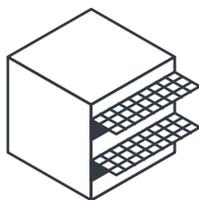
READ MORE ABOUT OUR
HYDROGEN READY HCV AND
HCVR PRODUCTS FOR A
SUSTAINABLE FUTURE



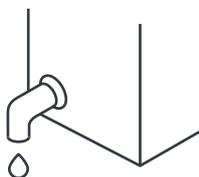
ROOF STAND



MOTORISED DAMPERS



LOUVRE COVERS



EXTERNAL WATER
CONNECTION

Energy efficient and lightweight units that combine gas heating with evaporative cooling. Flexible installation options make this unit ideal for large open spaces including factories, warehouses, sporting facilities, hotels and clubs.

FEATURES

- Full fresh air (HCV) or optional return air heating (HCVR)
- Modulating atmospheric gas burner with dual sensing (room and duct air outlet) for optimum temperature control
- Heavy duty, marine grade aluminium cabinet
- Mini-Cell[^] Chillcell[®] pad technology
- External water connection, solenoid, float and transformer pre-fitted
- 29 - 120 kW heating capacity. Up to 16,000 l/sec evaporative cooling airflow
- Non-corrosive low content water reservoir
- Heavy duty centre hung forward curve, belt drive blowers
- Motorised outlet damper for low speed cooling and heating
- Long life stainless steel heat exchanger
- Indirect gas fired heater

OPTIONS

- Engineered galvanised roof stand
- Motorised dampers
- Aluminium louvre covers
- Mesh cover
- Crane lifting lugs for installation.
- Natural gas fired, optional LPG



Heating, Cooling and Ventilating Units

SPECIFICATIONS

Model		HCV12	HCV16	HCV26	HCV30	HCV35	HCV40	HCV50	HCV60
Configuration	Type	SINGLE HEAT EXCHANGER						DUAL HEAT EXCHANGER	
Heating Performance	Airflow 28°C Temp Rise	840	1118	1784	2100	2454	2785	3568	4200
	Airflow 11°C Temp Rise	2098	2800	4460	5240	6316	6985	8920	10478
	Input NG (LPG) MJ/hr	138 (127)	184 (169)	246 (274)	287 (290)	349 (349)	390 (422)	2x 246 (274)	2x 287 (290)
	Output NG (LPG) kW	29 (26)	38 (35)	51 (44)	60 (51)	73 (62)	88 (81)	2x 51 (44)	2x 60 (51)
Electrical Services	Voltage (V/Ph/Hz)	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50
Water Services	Supply (kPa)	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800	20 L/min @ 100 - 800
	Max Temp	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C
	Inlet	15mm Male BSP	15mm Male BSP	15mm Male BSP	15mm Male BSP	15mm Male BSP	15mm Male BSP	15mm Male BSP	15mm Male BSP
	Drain	40mm Male BSP	40mm Male BSP	40mm Male BSP	40mm Male BSP	40mm Male BSP	40mm Male BSP	40mm Male BSP	40mm Male BSP
Duct Connections	Orientation	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Controller	Standard	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface
	Optional	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch
Fan	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Diameter (Inch)	18	18	25	25	30	30	30	36
Motor	Type	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
	kW - 3 Phase	3.0	3.0	4.0	5.5	7.5	11.0	11.0	15.0
	Rated (A)	6.41	6.41	8.43	11.2	14.6	21.6	21.6	27.4
	Frame Size	B56	B56	100L	100L	100L	100L	100L	100L
	IP Rating	55	55	55	55	55	55	55	55
Pump	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Quantity	1	1	1	1	1	1	2	2
	Power (W)	30	30	30	30	30	30	30	30
	Flow Rate (L/min)	21	21	21	21	21	21	21	21
	Voltage (V/Ph/Hz)	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
	Rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Gas Supply LPG (Propane)	Max/Min (KPa)	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74
Gas Supply Natural Gas	Max/Min (kPa)	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12
Cooling Pads	Size (mm)	700 x 900 (3 Pads)	700 x 900 (3 Pads)	575 x 1175 (6 Pads)	575 x 1175 (6 Pads)	575 x 1530 (4 Pads) 745 x 1530 (2 Pads)	575 x 1530 (4 Pads) 745 x 1530 (2 Pads)	745 x 1765 (6 Pads)	745 x 1765 (4 Pads) 545 x 1765 (3 Pads)
	Pad Area (m ²)	1.89	1.89	4.05	4.05	5.8	5.8	7.89	8.29
Dimensions	Shipping WxDxH (mm)	1200 x 2400 x 1495	1200 x 2400 x 1495	2400 x 2900 x 1810	2400 x 2900 x 1810	2400 x 2900 x 2160	2400 x 2900 x 2160	2600 x 3700 x 2145	2600 x 3700 x 2145
	Operating WxDxH (mm)	995 x 2141 x 1252	995 x 2141 x 1252	1556 x 2694 x 1570	1556 x 2694 x 1570	1893 x 2695 x 1918	1893 x 2695 x 1918	2240 x 2876 x 1905	2510 x 3566 x 2235
Weight	Shipping (kg)	278	298	510	541	669	691	810	833
	Operating (kg)	309	329	551	582	726	748	867	908

DU/SD Series

Gas heaters



CENTRIFUGAL FAN



ROOM THERMOSTAT



An energy efficient, full fresh air or return air indirect fired high capacity gas heater. Can be combined with cooling or energy recovery systems making them ideal for factories, warehouses, showrooms and schools.

Often coupled with an evaporative cooler as a heating, cooling and ventilation unit.

FEATURES

- 29 to 146 kW heating output capacity
- Adjustable temperature rise using factory air balancing damper
- Internal or external installation
- Stainless steel heat exchanger
- Natural gas fired, optional LPG
- Range of control options: wall controller or BMS
- Optional blower
- Modulating burner control
- Marine grade aluminium cabinet



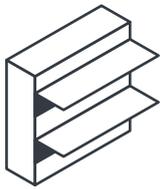
Gas heaters

SPECIFICATIONS

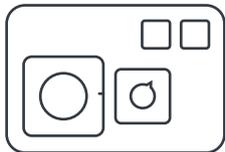
Model		DU12	DU16	SD26	SD30	SD35	SD40	SD51	SD60	SD70	
Configuration	Type	SINGLE HEAT EXCHANGER						DUAL HEAT EXCHANGER			
Heating Performance	Airflow 28°C Temp Rise (L/s)	840	1118	1784	2100	2454	2785	3568	4200	4908	
	Airflow 11°C Temp Rise (L/s)	2098	2800	4460	5240	6316	6985	8920	10478	12272	
	Input NG (LPG) MJ/hr	138 (127)	184 (169)	246 (274)	287 (290)	349 (349)	390 (422)	2x 246 (274)	2x 287 (290)	2x 349 (349)	
	Output NG (LPG) kW	29 (26)	38 (35)	51 (44)	60 (51)	73 (62)	88 (81)	2x 51 (44)	2x 60 (51)	2x 73 (62)	
Electrical Services	Voltage (V/Ph/Hz) With Blower	240/1/50	240/1/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	415/3/50	
	Voltage (V/Ph/Hz) No Blower	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50	
Duct Connections	Orientation	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	Side Discharge	
Controller	Standard	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	
	Optional	Wall Switch	Wall Switch	Wall Switch	Wall Switch	Wall Switch	Wall Switch	Wall Switch	Wall Switch	Wall Switch	
Fan	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
	Diameter (Inch)	12	12	15	15	15 x 11 Dual	15 x 11 Dual	2 x 15	2 x 15	2 x 15 x 11	
Motor	Type	CS & R	CS & R	3 Phase	3 Phase	3 Phase					
	Output/Power* (kW)	1.1	1.1	2.2	3.0	4.0	5.5	2 x 2.2	2 x 3.0	2 x 4.0	
	Rated (A)	7.1	7.1	4.9	6.4	8.4	11.2	4.9 / motor	6.4 / motor	8.4 / motor	
	IP Rating	21	21	55	55	55	55	55	55	55	
Gas Supply LPG (Propane)	Max/Min (KPa)	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	3.5/2.74	
Gas Supply NG	Max/Min (kPa)	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	3.5/1.12	
Injectors/Burners	Number	6	8	12	14	17	19	24	28	34	
Dimensions	Shipping (blower) DxWxH (mm)	1835 x 995 x 1252	1835 x 995 x 1252	1835 x 1556 x 1570	1835 x 1556 x 1570	1835 x 1890 x 1918	1835 x 1890 x 1918	1555 x 2730 x 1555	1555 x 2730 x 1555	1555 x 3135 x 1555	
	Operating (no blower) DxWxH (mm)	920 x 995 x 1252	920 x 995 x 1252	920 x 1556 x 1570	920 x 1556 x 1570	1835 x 1890 x 1918	1835 x 1890 x 1918	1025 x 2730 x 1555	1055 x 2730 x 1555	775 x 3135 x 1555	
Weight	Shipping (Inc blower) (kg)	290	300	415	425	515	545	875	895	1085	

GDH Series

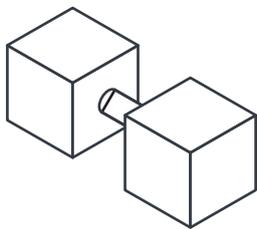
Direct fired duct heaters



MOTORISED DAMPERS



CONTROL PANEL



**COUPLING WITH
EVAPORATIVE COOLER**

An energy efficient, direct fired gas duct heater, delivering high air volume to heat output ratio. Can be combined with evaporative coolers making them ideal for factories, warehouses and showrooms.

FEATURES

- 220 to 694 kW capacity
- Electronic ignition and on/off with intermittent fan
- Internal or external installation for 100% outside air applications
- Horizontal or vertical units available for horizontal or vertical up-blast applications
- Aluminium burner
- Automatic ignition

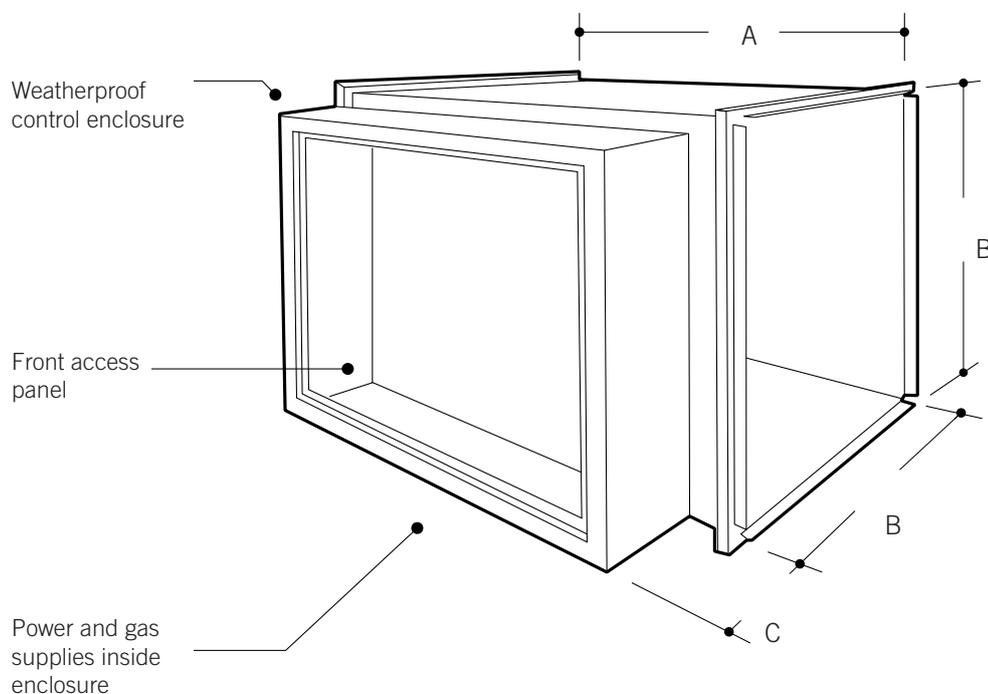
OPTIONS

- Modulating burner
- Control panel
- Motorised dampers
- Natural gas fired, optional LPG



Direct fired duct heaters

SPECIFICATIONS



Model	GDH790	GDH1055	GDH1585	GDH2110	GDH2500
A (mm)	1500	1500	1500	1500	1500
B (mm)	990	990	1150	1400	1400
C (mm)	310	310	310	310	310
Approx. Weight (kg)	115	120	145	267	272
Airflow (L/s) for 42°C Temperature Rise	3,990	5,320	7,985	10,632	12,595
Gas Input (MJ)	790	1,055	1,585	2,110	2,500
Heating Output (kW)	220	293	440	586	694

For higher or lower temperature rise, differing airflows or to match a cooler to the onsite requirements contact Seeley International.



BREEZAIR

Ducted Evaporative Air Conditioning

BRAEMAR

Ducted Evaporative Air Conditioning | Ducted Gas Heating
Reverse Cycle Air Conditioning | Gas Wall Furnaces and Space Heaters

THE CLIMATE WIZARD

Indirect Evaporative Air Conditioning

COOLAIR

Ducted Evaporative Air Conditioning

COOLERADO

Indirect Evaporative Air Conditioning

AIRA

Direct Evaporative Air Conditioning | Ducted Gas Heating
Commercial Gas Space Heating

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Specifications subject to change without any notice. E & OE



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