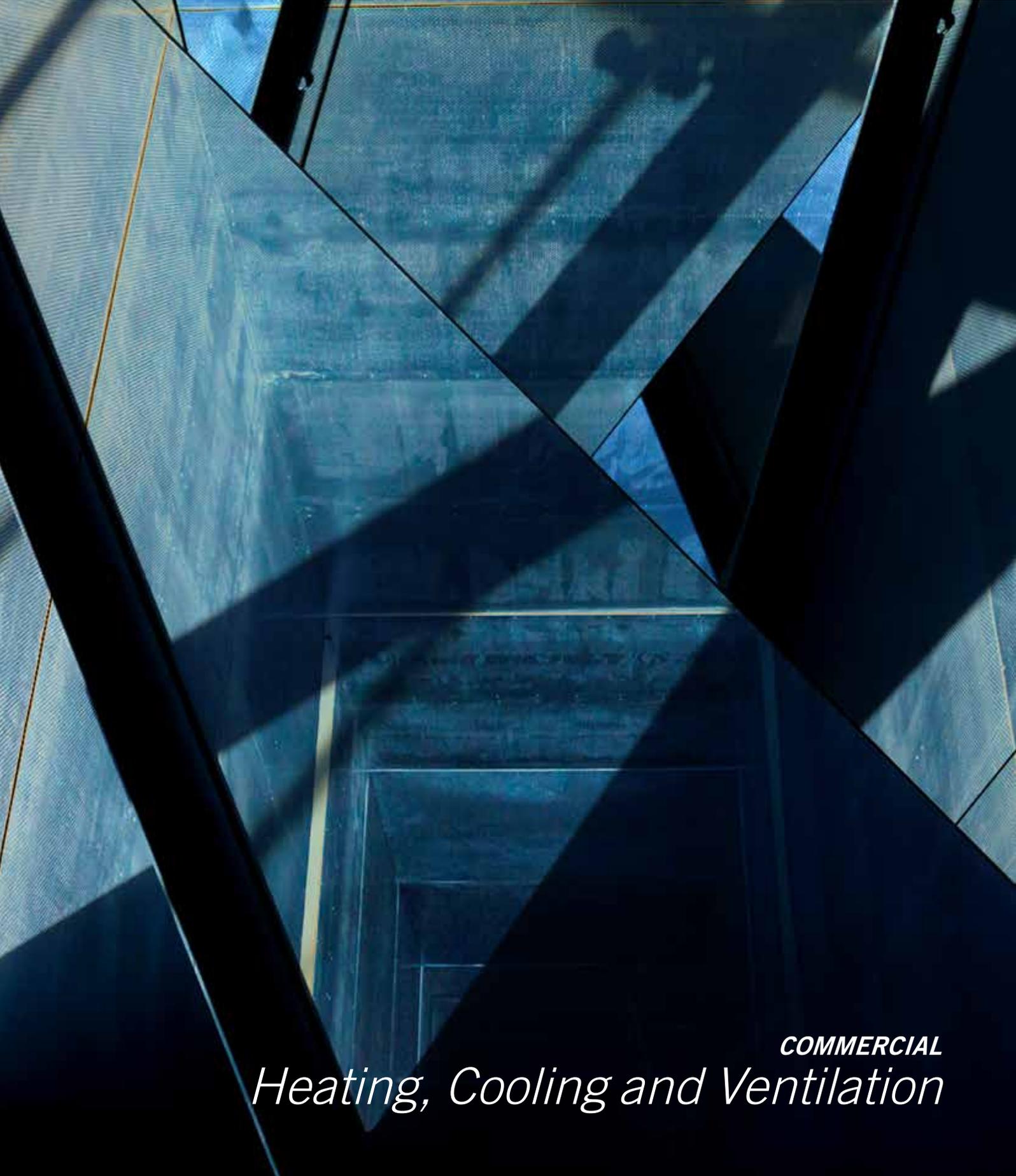


AIRA

By SEELEY INTERNATIONAL ™



COMMERCIAL
Heating, Cooling and Ventilation



Australian designed, made and owned!

World leading climate control solutions

Built by Australians, for an Australian climate. Seeley International is proudly a 100% Australian owned company, designing and manufacturing world-leading commercial air conditioning solutions for Australia and the world*. As Australia's largest air conditioning manufacturer, we are a global leader in developing ingenious, energy-efficient cooling and heating products.

Being made in Australia, you can rely on consistency of supply, build quality, availability of parts and after sales service. We're dedicated to strengthening the Australian economy, supporting local employment and building on the skills of our workforce.



AIRA

By SEELEY INTERNATIONAL
Commercial evaporative air conditioners, heaters & HCV

The Climate Wizard

By SEELEY INTERNATIONAL
Hyper-efficient indirect evaporative air conditioners

Braemar

By SEELEY INTERNATIONAL
Refrigerated air conditioning range including VRF (heat pump and heat recovery) industrial & commercial evaporative air conditioners

Award Winning Company

Seeley International consistently wins awards for new product design, innovation and environmental friendliness. These awards include:



*Excludes refrigerated air conditioning range

Built to purpose and standard high performance energy efficient solutions

AIRA offers high performing evaporative coolers, direct and indirect gas fired heaters, radiant tube heating and HCV (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.



AL Series Evaporative cooler



ALA Series Compact wall mounted evaporative cooler

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.



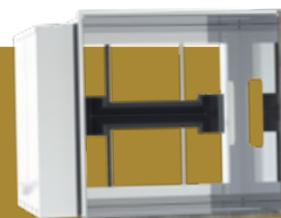
HCV/HCVR Series Heating, cooling and ventilating units

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.



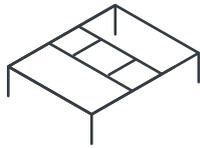
DU/SD Series Gas heaters



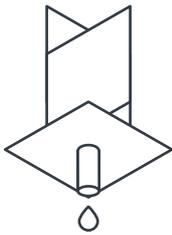
GDH Series Direct fired duct heaters

AL Series

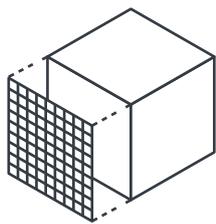
Evaporative Coolers



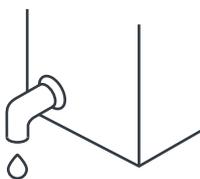
ROOF STAND



AUTO DRAIN KIT



PAD PROTECTION COVER



EXTERNAL WATER CONNECTION

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 and down discharge
- Up to 23,650L/s evaporative cooling airflow
- 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

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

[^]Patent pending

AL Series

Evaporative Coolers

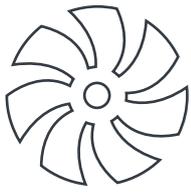
SPECIFICATIONS

Model		AL18	AL25	AL30	AL36
Cooling Performance	Max Airflow @ 2.5m/s (L/s)	4650	10100	14450	22650
	Max Airflow @ 2.0m/s (L/s)	3800	8400	12000	18100
Electrical Services	Voltage (V/Ph/Hz)	415/3/50	415/3/50	415/3/50	415/3/50
	Max Power (kW)	3.2	5.7	7.7	15.2
Water Services	Supply	20 L/min @ 100 - 800 kPa	20 L/min @ 100 - 800 kPa	20 L/min @ 100 - 800 kPa	20 L/min @ 100 - 800 kPa
	Max Temp	40°C	40°C	40°C	40°C
	Inlet	1/2" (15mm) Male BSP	1/2" (15mm) Male BSP	1/2" (15mm) Male BSP	1/2" (15mm) Male BSP
	Drain	1½" (40mm) Male BSP	1½" (40mm) Male BSP	1½" (40mm) Male BSP	1½" (40mm) Male BSP
Duct Connections	Orientation	Side, Top or Down Discharge Available	Side, Top or Down Discharge Available	Side, Top or Down Discharge Available	Side, Top or Down Discharge Available
Controller	Standard	Wall Switch	Wall Switch	Wall Switch	Wall Switch
Fan	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Diameter (Inch)	18	25	30	36
	Capacity	High	High	High	High
Motor	Type	3 Phase	3 Phase	3 Phase	3 Phase
	Speed (RPM)	1440	1440	1440	1440
	Output* (kW)	3.0	5.5	7.5	15.0
	Rated (A)	6.41	11.2	14.6	27.4
	Rating	IP55	IP55	IP55	IP55
Pump	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Motor	Synchronous	Synchronous	Synchronous	Synchronous
	Power (W)	30	30	30	30
	Flow Rate (L/min)	21	21	21	21
	Voltage (V/Ph/Hz)	230/1/50	230/1/50	230/1/50	230/1/50
	Rating	IPX4	IPX4	IPX4	IPX4
Cooling Pads	Size (mm)	700 x 900 (3 Pads)	575 x 1175 (6 Pads)	575 x 1530 (4 Pads) 745 x 1530 (2 Pads)	575 x 1750 (9 Pads)
	Pad Area (m ²)	1.89	4.05	5.80	9.06
Dimensions	Shipping WxDxH (mm)	1200 x 1250 x 1400	1650 x 1700 x 1745	1800 x 2500 x 2060	2300 x 2300 x 2275
	Operating WxDxH (mm)	990 x 990 x 1250	1550 x 1550 x 1570	1550 x 1890 x 1920	2240 x 2230 x 2135
Weight	Shipping (kg)	150	335	410	685
	Operating (kg)	159	353	434	738

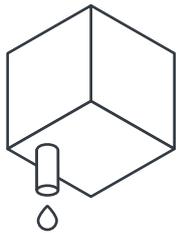
*Motor power may change dependant on required airflow and pressure

ALA Series

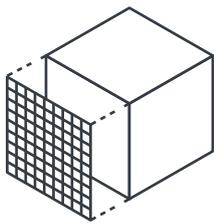
Wall Mounted Evaporative Coolers



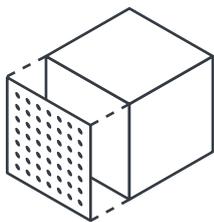
AXIAL FAN



AUTO DRAIN KIT



PAD PROTECTION COVER



BALL GUARD



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

FEATURES

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

OPTIONS

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

SPECIFICATIONS

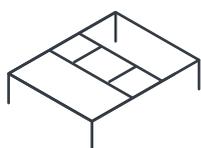
Model	ALA1200
Fan Speed (L/s)	11300
Height (mm)	2055
Width (mm)	1550
Depth (mm)	1036 (+300)
Weight (kg)	210
Motor (kW)	1.1

40mm overflow
15mm BSP water
optional auto drain kit.

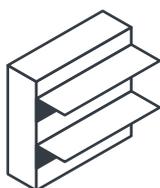
[^]Patent pending

HCV / HCVR Series

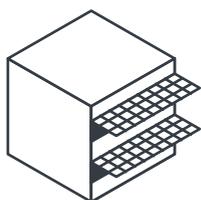
Heating, Cooling and Ventilating Units



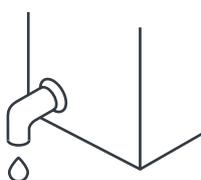
ROOF STAND



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/s 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 pad covers
- Bush fire ember screen
- Crane lifting lugs for installation.
- Natural gas fired, optional LPG

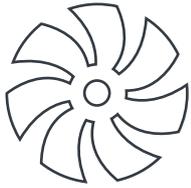
Heating, Cooling and Ventilating Units

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
	Max Power	3.3	3.3	4.3	5.8	7.8	11.3	11.3	15.3
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
	Capacity	High	High	High	High	High	High	High	High
Motor	Type	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
	Speed (RPM)	1440	1440	1440	1440	1440	1440	1440	1440
	Output/Power* (kW)	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	1	1
	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
Test Point LPG (Propane)	High/Low (kPa)	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875
Test Point Natural Gas	High/Low (kPa)	0.875/0.30	0.875/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30
Injectors/Burners	Number	6	8	12	14	17	19	24	28
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) (Without flue)	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

DU/SD Series

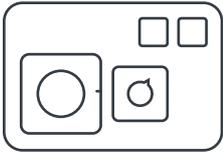
Gas heaters

SPECIFICATIONS

Model		DU12	DU16	SD26	SD30	SD35	SD40	SD51	SD60	SD70	
Configuration	Type	SINGLE HEAT EXCHANGER						DUAL HEAT EXCHANGER			
	Airflow 28°C Temp Rise (L/s)	840	1118	1784	2100	2454	2785	3568	4200	4908	
Heating Performance	Airflow 11°C Temp Rise (L/s)	2098	2800	4460	5240	6316	6985	8920	10480	12632	
	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										
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	
	Max Power	1.3	1.3	2.4	3.2	4.2	5.2	4.8	6.4	8.4	
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	
	Capacity	High	High	High	High	High	High	High	High	High	
Motor	Type	CS & R	CS & R	3 Phase	3 Phase	3 Phase					
	Speed (RPM)	1440	1440	1440	1440	1440	1440	1440	1440	1440	
	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	
	Frame Size	B56	B56	100L	100L	112M	132S	100L	100L	112M	
	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	
Test Point LPG (Propane)	High/Low (kPa)	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	2.5/0.875	
Test Point NG	High/Low (kPa)	0.875/0.30	0.875/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	0.72/0.30	
Injectors/Burners	Number	6	8	12	14	17	19	24	28	34	
Dimensions	Operating (blower) DxWxH (mm)	1835 x 995 x 1253	1835 x 995 x 1253	1835 x 1556 x 1570	1835 x 1556 x 1570	1835 x 1890 x 1918	1835 x 1890 x 1918	1835 x 3112 x 1570	1835 x 3112 x 1570	1835 x 3780 x 1918	
	Operating (no blower) DxWxH (mm)	920 x 995 x 1253	920 x 995 x 1253	920 x 1556 x 1570	920 x 1556 x 1570	920 x 1890 x 1918	920 x 1890 x 1918	920 x 3112 x 1570	920 x 3112 x 1570	1835 x 3780 x 1918	
Weight	Shipping (Inc blower) (kg)	290	300	415	425	515	545	830	850	1030	

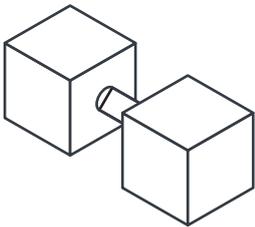
GDH Series

Direct fired gas duct heaters



CONTROL PANEL

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.



**COUPLING WITH
EVAPORATIVE COOLER**

FEATURES

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

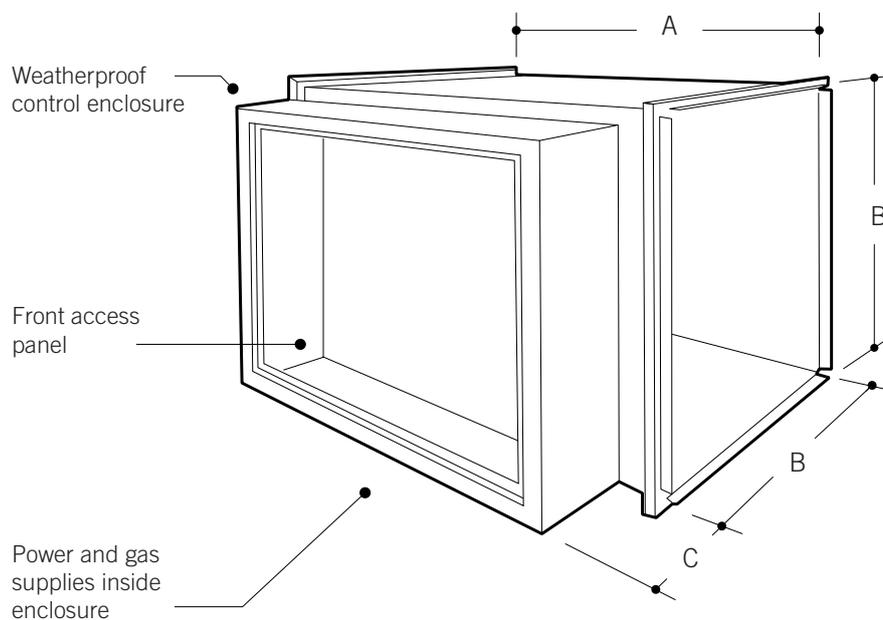
OPTIONS

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

GDH Series

Direct fired duct heaters

SPECIFICATIONS



Model	GDH1055	GDH1585	GDH2110	GDH2500
A (mm)	1500	1500	1500	1500
B (mm)	990	1150	1150/1400	1400
C (mm)	310	310	310	310
Approx. Weight (kg)	120	145	230/267	272
Nominal Cooler Match	AL25	AL30	AL30/AL36	AL36
Airflow (L/s) for 42°C Temperature Rise	5,320	7,985	10,632	12,595
Gas Input (MJ)	1,055	1,585	2,110	2,500
Heating Output (kW)	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 | Hybrid Heating System | Gas Wall Furnaces

THE CLIMATE WIZARD

Indirect Evaporative Air Conditioning

COOLAIR

Ducted Evaporative Air Conditioning

COOLERADO

Indirect Evaporative Air Conditioning

AIRA

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

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