

## TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

### GENERAL

AIRA HCV (Heating, Cooling and Ventilation) units are natural draft, indirect gas fired heaters with an attached evaporative cooler. HCV units are fitted with an evaporative cooler which houses a centrifugal fan and electric motor which is also used to provide airflow across the heat exchanger. Units come standard with a 2 speed motor with VSD compatible motors being optional. HCVR (Heating, Cooling Ventilation and Return Air) units replace one side of pads and have additional adjustable dampers over the remaining pads to improve heating efficiency.

### CABINET

The body is galvanised steel with stainless steel burners, heat exchanger and draft diverter. Flues and flue cowls are marine grade aluminium. Forklift tines channels and lifting lugs are provided within the frame to facilitate transport and lifting, are provided for single heat exchanger units. For special lifting requirements for Dual Heat Exchanger units contact Seeley International. Components are effectively treated to ensure corrosion resistance and mechanical fasteners are zinc coated, stainless steel or aluminium. Connection surfaces are provided for outlet supply air, to be fitted using established industry practices.

### FAN & MOTOR

The standard fan is a forward curved blower constructed from steel. Units not installed in ductwork are typically optioned with an axial fan due to the low pressure drop. Fan motors are mounted externally to the blower and connect with a set of pulleys.

### PULLEYS

A standard set of pulleys is supplied with the unit for the nominated pressure drop. Variations in pressure drop outside of the standard pulley set are to be fitted by the installer. All pulleys are of steel construction with taper lock mounting.

### MAIN CONNECTION DUCT

A 40mm wide raw edge flange is provided for duct connections.

### DAMPERS

Dampers automatically switch position between heating and cooling to ensure ensure correct temperature rise and maximum cooling flowrate.

### ELECTRICAL CONTROL

Units will require single or 3 phase power depending on required motor size. Electrical circuit breakers must be a minimum of a "D curve" motor start circuit breaker. Electrical circuit breakers must be sized according to the total load requirements.

### CONFIGURATION OPTIONS

Standard:

1. Weatherproof Enclosure Blower/No Blower

Options:

1. Left or right-hand Gas Train
2. Natural Gas or LPG
3. BMS or Rotary Switch
4. Return Air
5. Pad Type (No Covers (Standard)/Pad Covers/Pad Filters)
6. Drain Type (Normal/Autodrain)
7. Roof Stand

### DUAL HEAT EXCHANGER

Dual heat exchanger units require 2 separate gas connections. Each connection shall have its own isolation valve.

1. HCV50 (2 x SD26 1xRH 1xLH)
2. HCV60 (2 x SD30 1xRH 1xLH)

### TYPE A COMPLIANCE

Not all AIRA HCV units are type A compliant. An accredited Type B certifier shall be engaged by the customer to certify each installation.

MODEL	Type A Compliant	
	Natural Gas	LPG
HCV/HCVR12	YES	YES
HCV/HCVR16	YES	YES
HCV/HCVR26	YES	YES
HCV/HCVR30	YES	YES
HCV/HCVR35	YES	YES
HCV/HCVR40	YES	YES

### COOLING PADS

A variety of pad covers are available upon request.

### WATER SUPPLY AND DRAINAGE

Water consumption rates vary with weather conditions. Units have a non-corrosive low content water reservoir. Units require a bleed rate depending on the hardness of the water. Incorrectly setting the bleed rate will reduce the lifetime of the unit.

Drainage must be connected to the unit to allow for bleed rate. Auto-drain kits are available.

### USER CONTROL

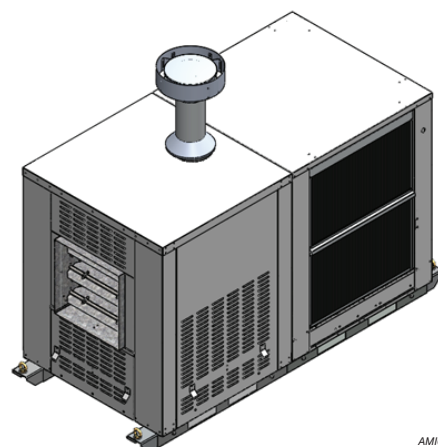
Units can be fitted with either an ON/OFF wall switch, RLU or connected to a BMS system. BMS is the default option.

Interface for BMS:

- Fan: ON/OFF or LOW/HIGH
- Heat: ON/OFF
- Cool: ON/OFF
- Modulation: 0-10VDC

A Rotary Switch and Thermostat setup is optional.

- Fan: ON/OFF or LOW/HIGH
- Heat: ON/OFF



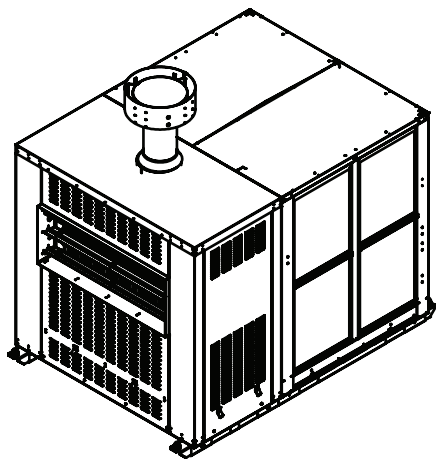
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TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

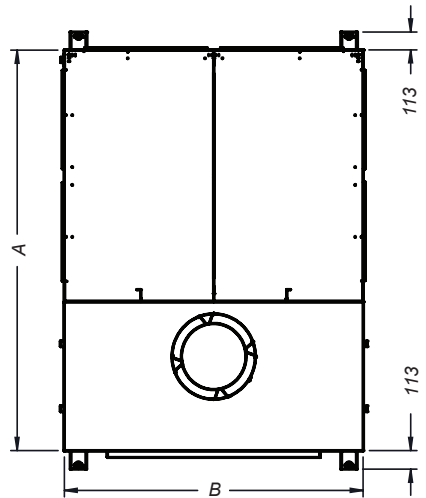
SINGLE HEAT EXCHANGER HCV

TOP

ISOMETRIC



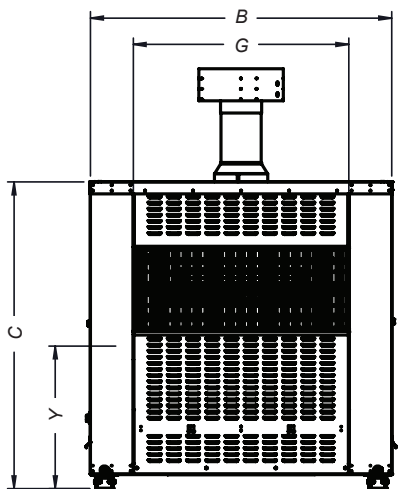
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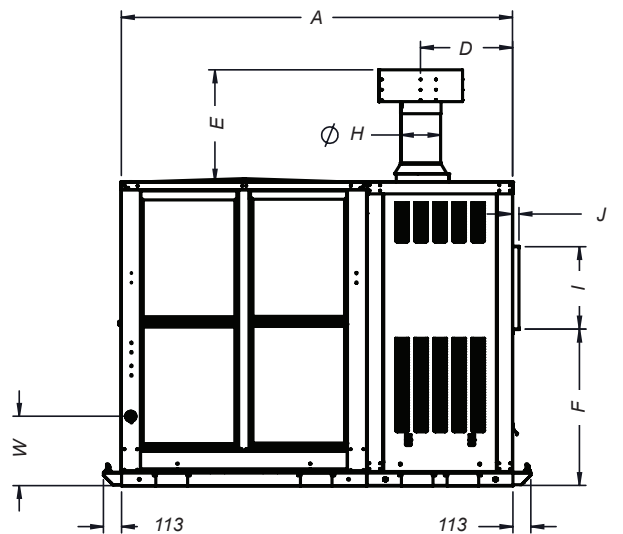
AMI134-A TOP

REAR

SIDE



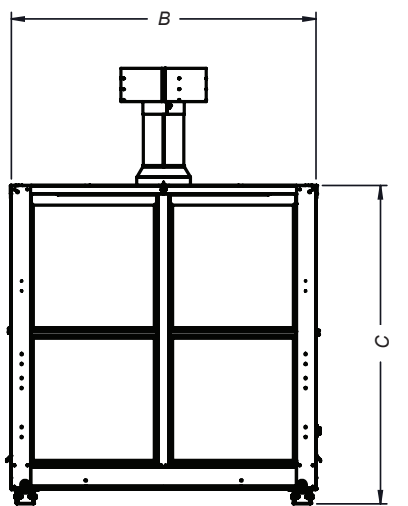
AMI134-A REAR



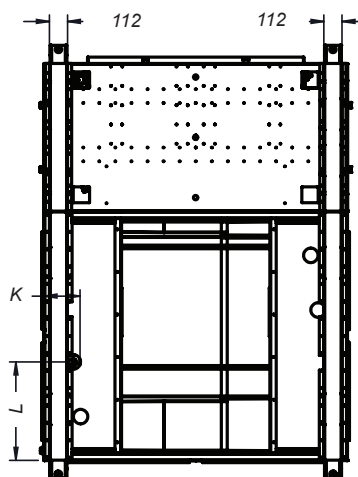
AMI134-A SIDE

FRONT

BOTTOM



AMI134-A FRONT



AMI134-A BOTTOM

Dimensions are in mm.

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

UNIT DIMENSIONS

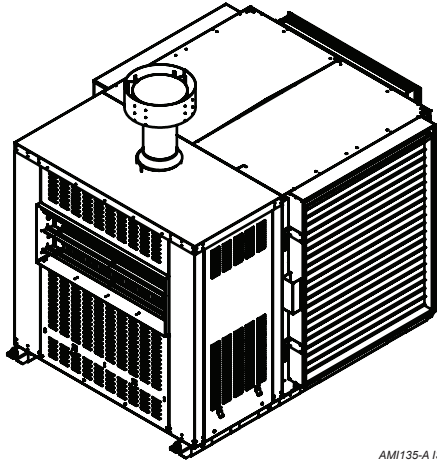
SINGLE HEAT EXCHANGER HCV

DIM	HCV12	HCV16	HCV26	HCV30	HCV35	HCV40
A	1915	1915	2468	2468	2469	2469
B	995	995	1556	1556	1893	1893
C	1252	1252	1570	1570	1918	1918
D	712	712	734	734	585	585
E	Varies based on installation requirements					
F	510	510	728	728	987	987
G	457	596	865	1003	1208	1346
H	150	175	200	250	250	250
I	455	455	525	525	525	525
J	44	44	35	35	38	40
K	150	150	200	200	240	240
L	500	500	650	650	650	650
W (Water inlet)	440	440	440	440	440	440
Y (Gas inlet)	370	370	580	580	840	840

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

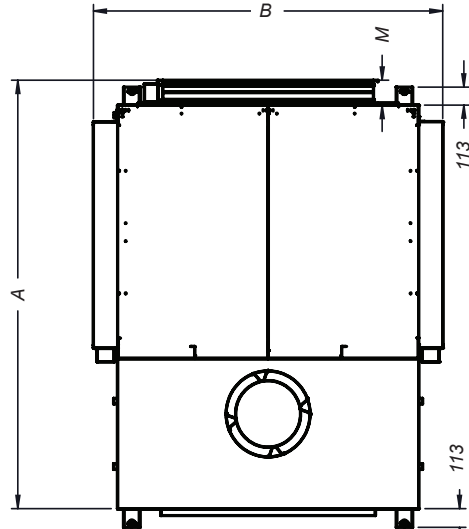
SINGLE HEAT EXCHANGER HCVR

ISOMETRIC



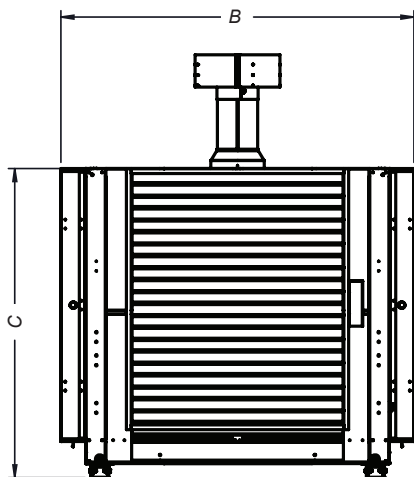
AMI135-A ISO

TOP



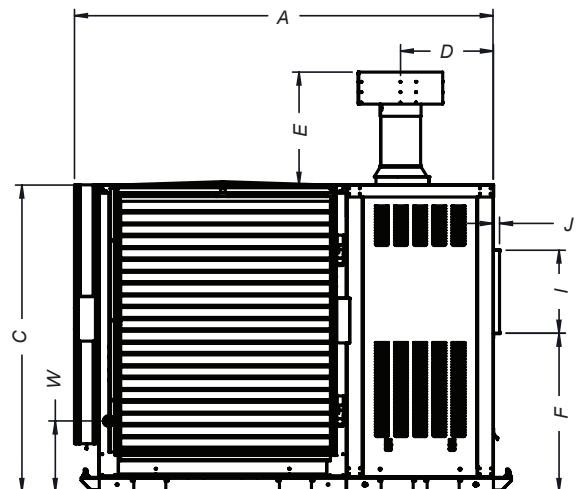
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REAR



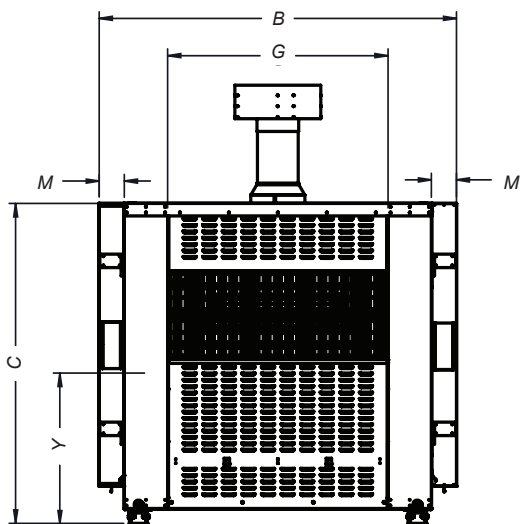
AMI135-A REAR

SIDE



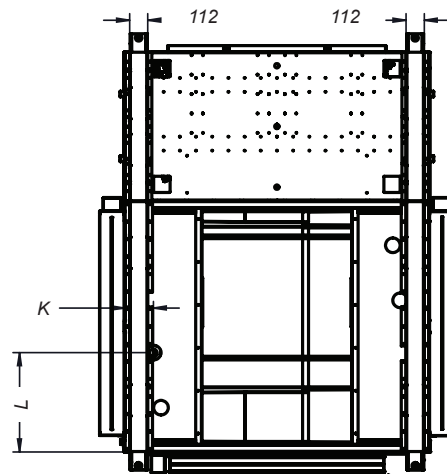
AMI135-A SIDE

FRONT



AMI135-A FRONT

BOTTOM



AMI135-A BOTTOM

Dimensions are in mm.

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

UNIT DIMENSIONS

SINGLE HEAT EXCHANGER HCVR

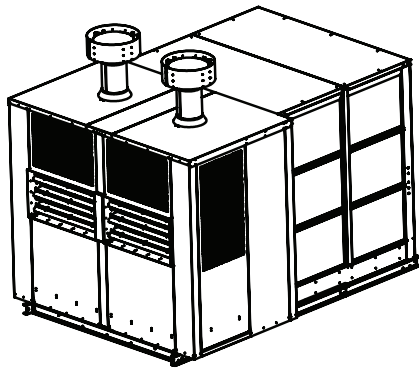
DIM	HCVR12	HCVR16	HCVR26	HCVR30	HCVR35	HCVR40
A	2067	2067	2621	2621	2622	2622
B	1302	1302	1860	1860	2191	2191
C	1254	1254	1570	1570	1918	1918
D	695	705	727	758	585	582
E	Varies based on installation requirements					
F	525	510	728	726	987	987
G	457	596	865	1003	1208	1346
H	150	175	200	250	250	250
I	455	455	525	525	525	525
J	44	44	35	35	38	40
K	150	150	200	200	240	240
L	500	500	650	650	650	650
M	150	150	150	150	150	150
W (Water Inlet)	440	440	440	440	440	440
Y (Gas Inlet)	370	370	580	580	840	840

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

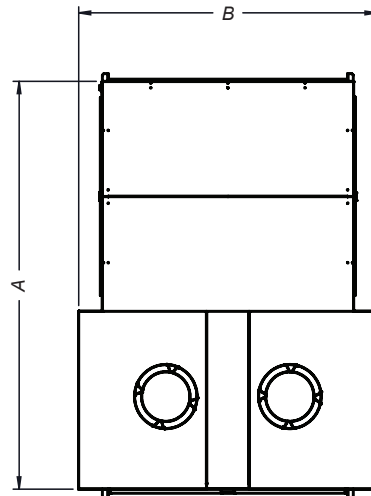
DUAL HEAT EXCHANGER HCV

TOP

ISOMETRIC



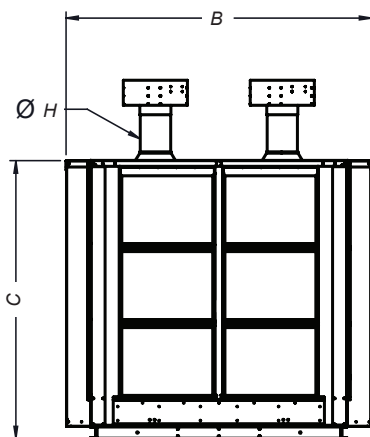
AMI136-A ISO



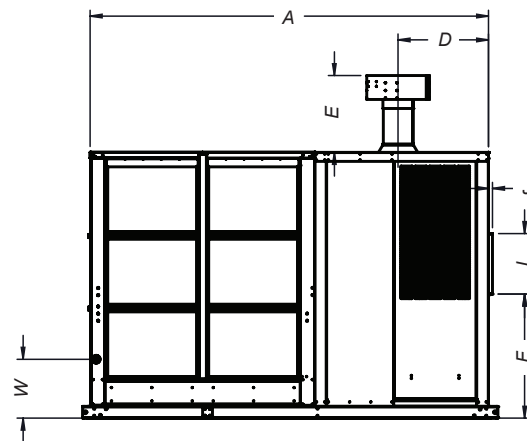
AMI136-A TOP

REAR

SIDE



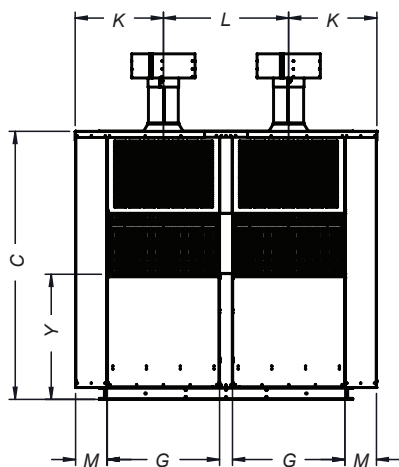
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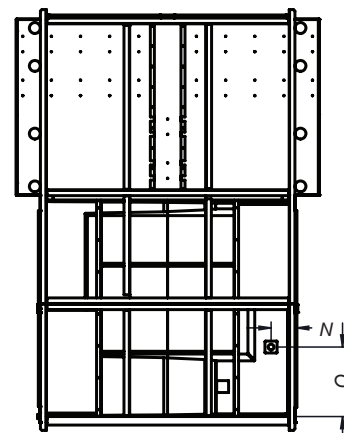
AMI136-A SIDE

FRONT

BOTTOM



AMI136-A FRONT



AMI136-A BOTTOM

Dimensions are in mm.

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

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UNIT DIMENSIONS

DUAL HEAT EXCHANGER HCV

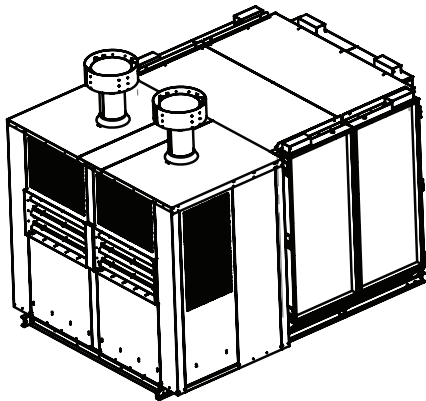
DIM	HCV50	HCV60
A	2650	3340
B	2240	2510
C	1905	2235
D	735	760
E	Varies based on installation requirements	
F	815	1045
G	800	935
H	200	250
I	505	505
J	35	35
K	665	730
L	910	1050
M	150	150
W (Water Inlet)	440	440
Y(Gas Inlet)	580	580

TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

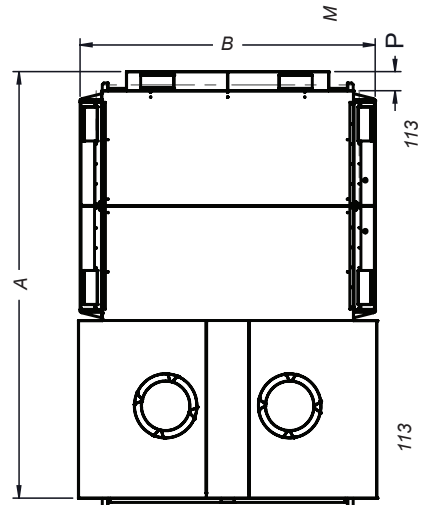
DUAL HEAT EXCHANGER HCVR

TOP

ISOMETRIC



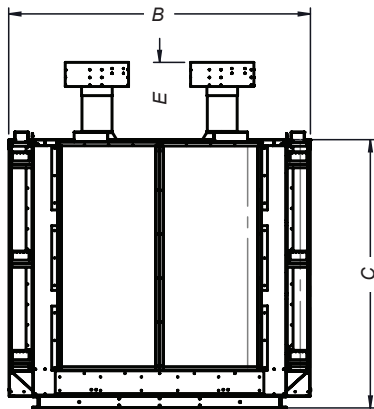
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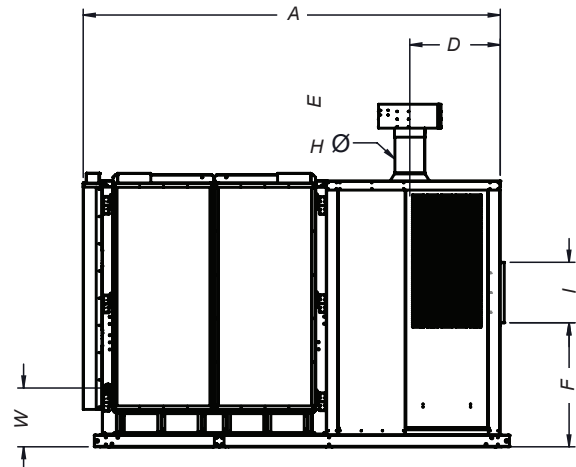
AMI135-A TOP

REAR

SIDE



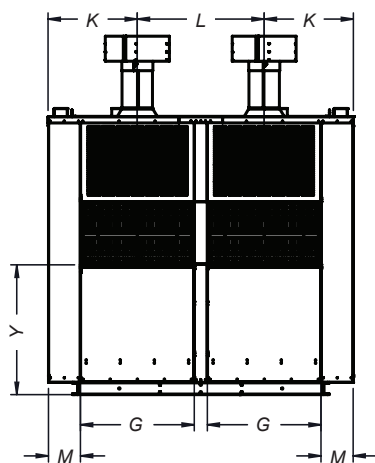
AMI135-A REAR



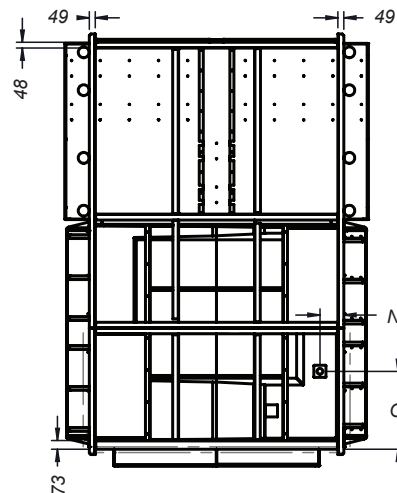
AMI135-A SIDE

FRONT

BOTTOM



AMI135-A FRONT



AMI135-A BOTTOM

Dimensions are in mm.



TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

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UNIT DIMENSIONS

DUAL HEAT EXCHANGER HCVR

DIM	HCVR50	HCVR60
A	2790	3500
B	2240	2510
C	1905	2235
D	735	760
E	Varies based on installation requirements	
F	815	1045
G	800	935
H	200	250
I	505	505
J	35	35
K	665	730
L	910	1050
M	150	150
N	175	215
O	610	575
P	150	150
W (Water Inlet)	440	440
Y (Gas Inlet)	580	580

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MODEL:			HCV12	HCV16	HCV26	HCV30	HCV35	HCV40	HCV50	HCV60	
CONFIGURATION	Type	SINGLE HEAT EXCHANGER HCV							DUAL HEAT EXCHANGER HCV		
	HEATING PERFORMANCE		Airflow 28C Temp Rise (L/s)	840	1118	1784	2100	2454	2785	3568	4200
		Airflow 11C Temp Rise (L/s)	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)	81(69)	2x 51 (44)	2x 60 (51)	
COOLING PERFORMANCE	Max Airflow (L/s)	Refer to charts below									
	Pressure at Max Airflow (Pa)										
	Pad Velocity (m/s)										
SERVICES	Electrical	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	7.8	11.3	15.3	
	Water	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	20 L/min @ 100 - 800 kPa	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	40 °C	40 °C	40 °C	40 °C	40 °C
		Inlet	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" 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	40mm Male BSP	
		Orientation (mm)	Side Discharge 457 x 457	Side Discharge 457 x 596	Side Discharge 522 x 865	Side Discharge 522 x 1003	Side Discharge 522 x 1208	Side Discharge 522 x 1346	Side Discharge	Side Discharge	Side Discharge
CONTROLLER	Type	Standard	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	
	Optional Voltage V/Ph/Hz	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	
FAN	Type	Blower	Blower	Blower	Blower	Blower	Blower	Blower	Blower	Blower	
	Diameter	Inch	18	18	25	25	30	30	30	36	
	Capacity		High	High	High	High	High	High	High	High	
	Type		3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	
MOTOR	Speed	RPM	1440	1440	1440	1440	1440	1440	1440	1440	
	Output/Power *	(kW)	3.0	3.0	4.0	5.5	7.5	7.5	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	
	Rating	IP	21	21	55	55	55	55	55	55	
PUMP	Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
	Motor		Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	
	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	
GAS SUPPLY LPG (Propane)	Maximum	(kPa)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	Minimum	(kPa)	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	
GAS SUPPLY NG	Maximum	(kPa)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	Minimum	(kPa)	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	
TEST POINT LPG (Propane)	High	(kPa)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	Low	(kPa)	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	
TEST POINT NG	High	(kPa)	0.875	0.875	0.72	0.72	0.72	0.72	0.72	0.72	
	Low	(kPa)	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
GAS SUPPLY SIZE		inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
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	(m2)	1.89	1.89	4.05	4.05	5.8	5.8	7.89	8.29	
DIMENSIONS	Shipping	(mm)	2400 Long 1200 Wide 1495 High	2400 Long 1200 Wide 1495 High	2900 Long 2400 Wide 1810 High	2900 Long 2400 Wide 1810 High	2900 Long 2400 Wide 2160 High	2900 Long 2400 Wide 2160 High	3700 Long 2600 Wide 2145 High	3700 Long 2600 Wide 2145 High	
	Operating not including flue	(mm)	1915 Long 995 Wide 1252 High	1915 Long 995 Wide 1252 High	2468 Long 1556 Wide 1570 High	2468 Long 1556 Wide 1570 High	2469 Long 1893 Wide 1918 High	2469 Long 1893 Wide 1819 High	2650 Long 2240 Wide 1905 High	3340 Long 2510 Wide 2235 High	
	Service Clearance All Sides	(mm)	1200	1200	1200	1200	1200	1200	1200	1200	
WEIGHT	Shipping	(kg)	278	298	510	541	669	691	810	833	
	Operating inc. Water / Acc	(kg)	309	329	551	582	726	748	867	908	

\*Motor power may change dependant on required airflow and pressure.

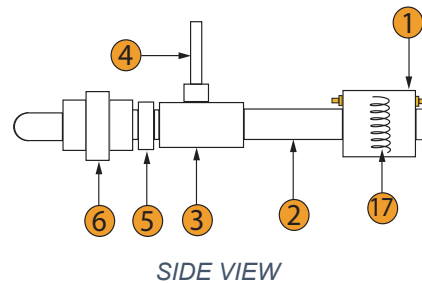
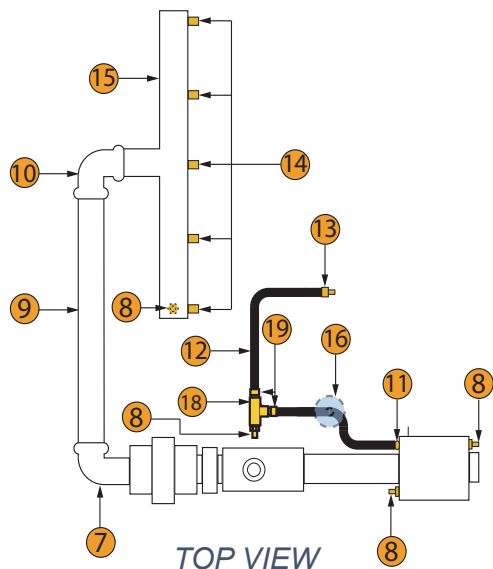
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MODEL:			HCVR12	HCVR16	HCVR26	HCVR30	HCVR35	HCVR40	HCVR50	HCVR60	
CONFIGURATION	Type	SINGLE HEAT EXCHANGER HCVR							DUAL HEAT EXCHANGER HCVR		
HEATING PERFORMANCE	Airflow 28C Temp Rise	(L/s)	840	1118	1784	2100	2454	2785	3568	4200	
	Airflow 11C Temp Rise	(L/s)	2098	2800	4460	5240	6316	6985	8920	1478	
	Input NG (LPG)	(Mi/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)	81 (69)	2x 51 (44)	2x 60 (51)	
COOLING PERFORMANCE	Max Airflow	(L/s)	Refer to charts below								
	Pressure at Max Airflow	(Pa)									
SERVICES	Electrical	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	3.7	3.7	4.7	6.2	7.8	7.8	11.6	15.6	
	Water	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	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 oC	40 oC	40 oC	40 oC	40 oC	40 oC	40 oC	40 oC	
		Inlet	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	1/2" Male BSP	
	Duct Connections	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	
		Orientation (mm)	Side Discharge 457 x 457	Side Discharge 457 x 596	Side Discharge 522 x 865	Side Discharge 522 x 1003	Side Discharge 522 x 1208	Side Discharge 522 x 1346	Side Discharge	Side Discharge	
CONTROLLER	Type	Standard	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface	BMS Interface		
	Type	Optional	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch	Rotary Switch		
	Voltage	V/Ph/Hz	BMS (Customer Supplied)	BMS (Customer Supplied)	BMS (Customer Supplied)	BMS (Customer Supplied)	BMS (Customer Supplied)	BMS (Customer Supplied)	BMS (Customer Supplied)		
FAN	Type	Blower									
	Diameter	Inch	18	18	25	25	30	30	30	36	
	Capacity		High	High	High	High	High	High	High	High	
MOTOR	Type	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	7.5	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	
	Rating	IP	21	21	55	55	55	55	55	55	
PUMP	Type	Centrifugal									
	Motor	Synchronous									
	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)	Maximum	(kPa)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	Minimum	(kPa)	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	
GAS SUPPLY NG	Maximum	(kPa)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	Minimum	(kPa)	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	
TEST POINT LPG (Propane)	High	(kPa)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	Low	(kPa)	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	
TEST POINT NG	High	(kPa)	0.875	0.875	0.72	0.72	0.72	0.72	0.72	0.72	
	Low	(kPa)	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
GAS SUPPLY SIZE	inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
INJECTORS/BURNERS	Number	6	8	12	14	17	19	24	28		
COOLING PADS	Size	(mm)	700 x 900 (2 Pads)	700 x 900 (2 Pads)	575 x 1175 (4 Pads)	575 x 1175 (4 Pads)	575 x 1530 (4 Pads) or 575 x 1530 (2 Pads) or 745 x 1530 (2 Pads)	575 x 1530 (4 Pads) or 575 x 1530 (2 Pads) or 745 x 1530 (2 Pads)	745 x 1765 (6 Pads)	745 x 1765 (4 Pads) or 545 x 1765 (3 Pads)	
		Pad Area	(m2)	1.26	1.26	2.70	2.70	3.52 or 4.04	3.52 or 4.04	7.89	8.29
	Shipping	(mm)	2200 Long 1400 Wide 1495 High	2200 Long 1400 Wide 1495 High	3000 Long 1900 Wide 1810 High	3000 Long 1900 Wide 1810 High	2700 Long 2400 Wide 2160 High	2700 Long 2400 Wide 2160 High	3700 Long 2600 Wide 2145 High	3700 Long 2600 Wide 2145 High	
DIMENSIONS	Operating not including flue	(mm)	2067 Long 1302 Wide 1254 High	2067 Long 1302 Wide 1254 High	2621 Long 1860 Wide 1570 High	2621 Long 1860 Wide 1570 High	2622 Long 2191 Wide 1918 High	2622 Long 2191 Wide 1918 High	2790 Long 2240 Wide 1905 High	3500 Long 2510 Wide 2235 High	
		Service Clearance All Sides	(mm)	1200	1200	1200	1200	1200	1200	1200	1200
	WEIGHT	Shipping	(kg)	355	370	652	684	832	859	1120	1295
Operating inc. Water/Acc		(kg)	349	370	630	662	826	847	1177	1370	

\*Motor power may change dependant on required airflow and pressure.

## TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

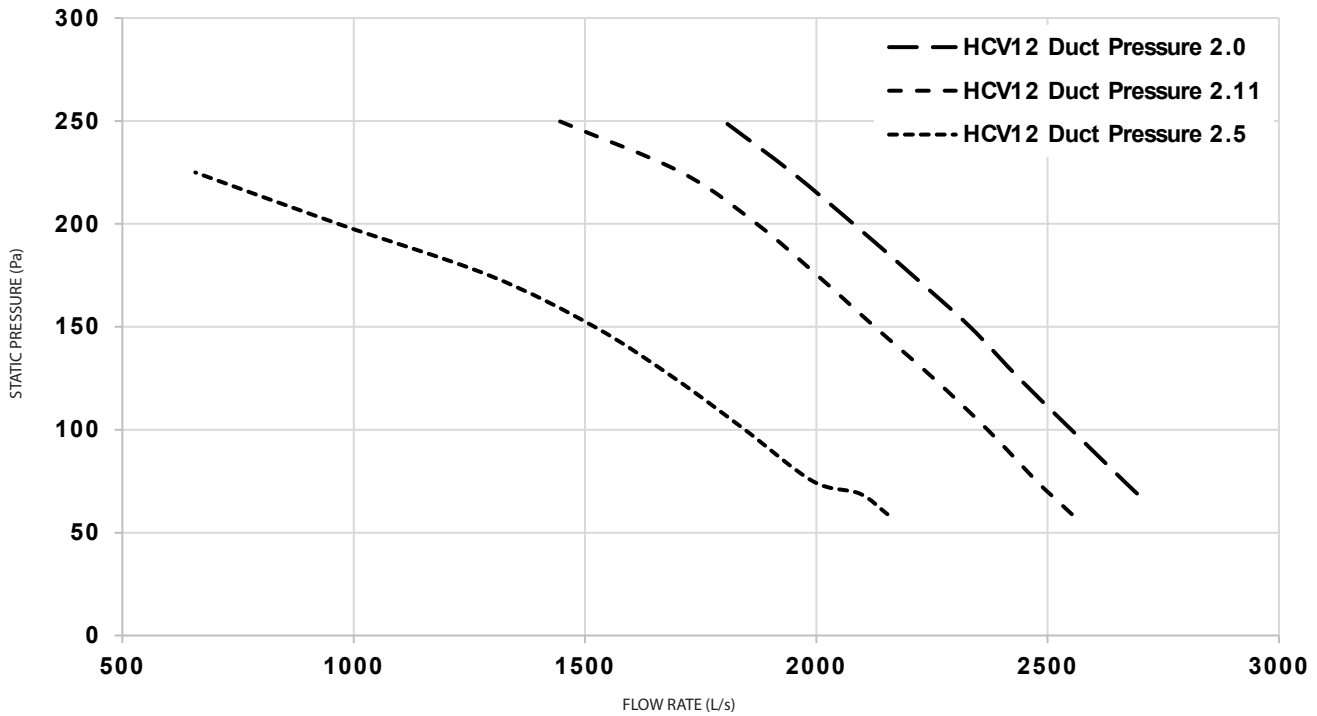
Natural Gas								
Item Number	Part Number	Description	HCV12	HCV16	HCV26	HCV30	HCV35	HCV40
1	PC332 PV326	WR GAS VALVE ¾ 24V 36C68C or 36H32409	1	1	1	1	1	1
2	648613	PIPE ¾" MEDIUM GAL (mm)	150	150	150	150	150	150
3	PV051	BALL VALVE ¾" ITAP ART 066	1	1	1	1	1	1
4	9656325	MODULATING COUPLING SHAFT SML	1	1	1	1	1	1
5	PN037	NIPPLE GAL HEX ¾"	1	1	1	1	1	1
6	PU009	UNION BARREL GAL BS 3*4" F/F	1	1	1	1	1	1
7	PB419	BEND GAL ¾" M & F"	1	1	1	1	1	1
8	PP238	PRESSURE TEST POINT 1/8" G09	3	3	3	3	3	3
9	648613	PIPE ¾" MEDIUM GAL (mm)	240	320	480	560	680	760
10	PE071	ELBOW GAL ¾" F&F"	1	1	1	1	1	1
11	PZ643	1/8NPT X ¼ NUT & OLIVE	1	1	1	1	1	1
12	PT032	TUBE ALUMINIMUM 6.35mmODX1.42	410	490	650	730	850	930
13	PB773	NG MANIFOLD INJECTOR	1	1	1	1	1	1
14	PB213	BURNER SPUD #44 - NATURAL GAS	6	8	12	14	17	19
15	VARIOUS	MANIFOLD	PM301	PM302	PM304	PM305	PM306	PM307
LPG								
Item Number	Part Number	Description	HCV12	HCV16	HCV26	HCV30	HCV35	HCV40
1	PV326	WR GAS VALVE 36H32-409 24V	1	1	1	1	1	1
2	648613	PIPE ¾" MEDIUM GAL	150	150	150	150	150	150
3	PV051	BALL VALVE ¾" ITAP ART 066	1	1	1	1	1	1
4	9656325	MODULATING COUPLING SHAFT SML	1	1	1	1	1	1
5	PN037	NIPPLE GAL HEX ¾"	1	1	1	1	1	1
6	PU009	UNION BARREL GAL BS 3*4" F/F	1	1	1	1	1	1
7	PB419	BEND GAL ¾" M & F"	1	1	1	1	1	1
8	PP238	PRESSURE TEST POINT 1/8" G09	3	3	3	3	3	3
9	648613	PIPE ¾" MEDIUM GAL	240	320	480	560	680	760
10	PE071	ELBOW GAL ¾" F&F"	1	1	1	1	1	1
11	PZ643	1/8NPT X ¼ NUT & OLIVE	1	1	1	1	1	1
12	PT032	TUBE ALUMINIMUM 6.35mmODX1.42	410	490	650	730	850	930
13	PB774	PILOT INJECTOR LPG SUITS PB772	1	1	1	1	1	1
14	PB209	LPG MANIFOLD INJECTOR	6	8	12	14	17	19
15	VARIOUS	MANIFOLD	PM301	PM302	PM304	PM305	PM306	PM307
16	PG149	REGULATOR; MAXITROL RV12 1/8" Optional	1	1	1	1	1	1
17	PC394	LPG CONVERSION KIT WHITE ROGERS	1	1	1	1	1	1



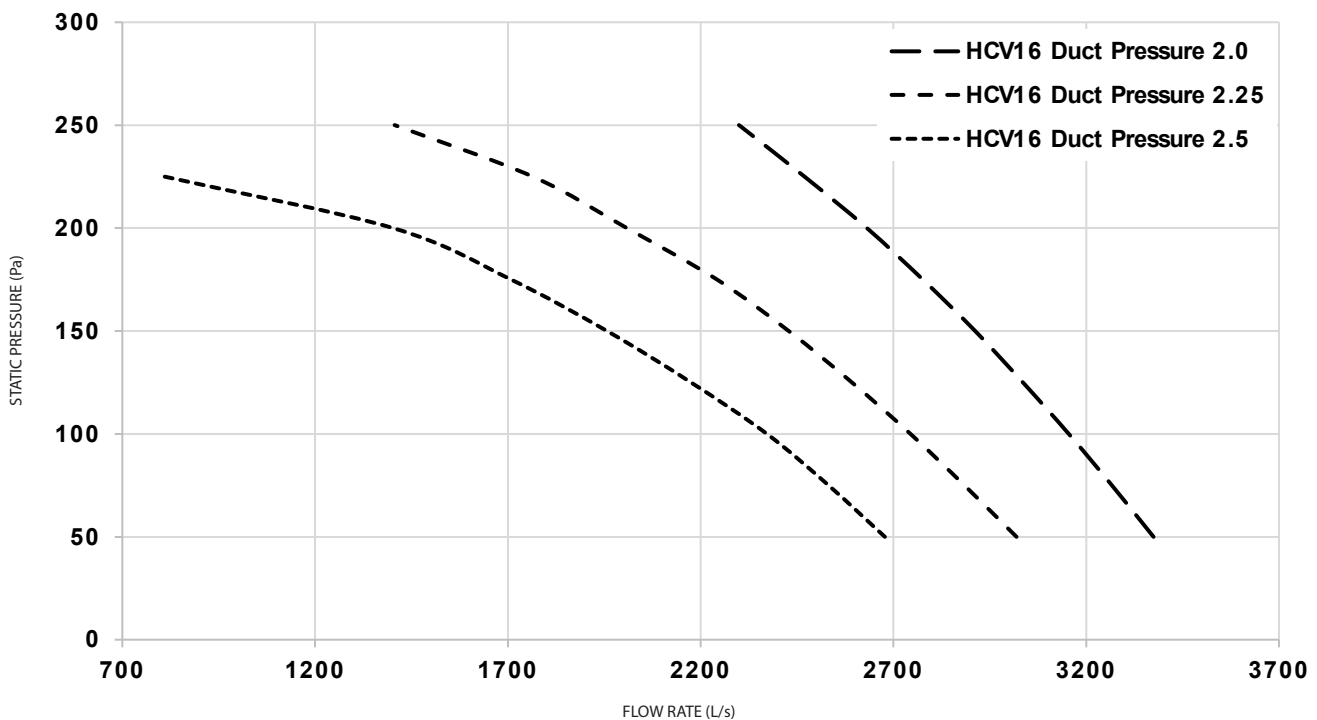
TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

Standard flow data is provided below. Additional flow data is available upon request to suit site requirements. HCVR units have reduced cooling capacity to improve heating performance. Contact Seeley International for unit sizing appropriate to site requirements.

FAN CURVES HCV12



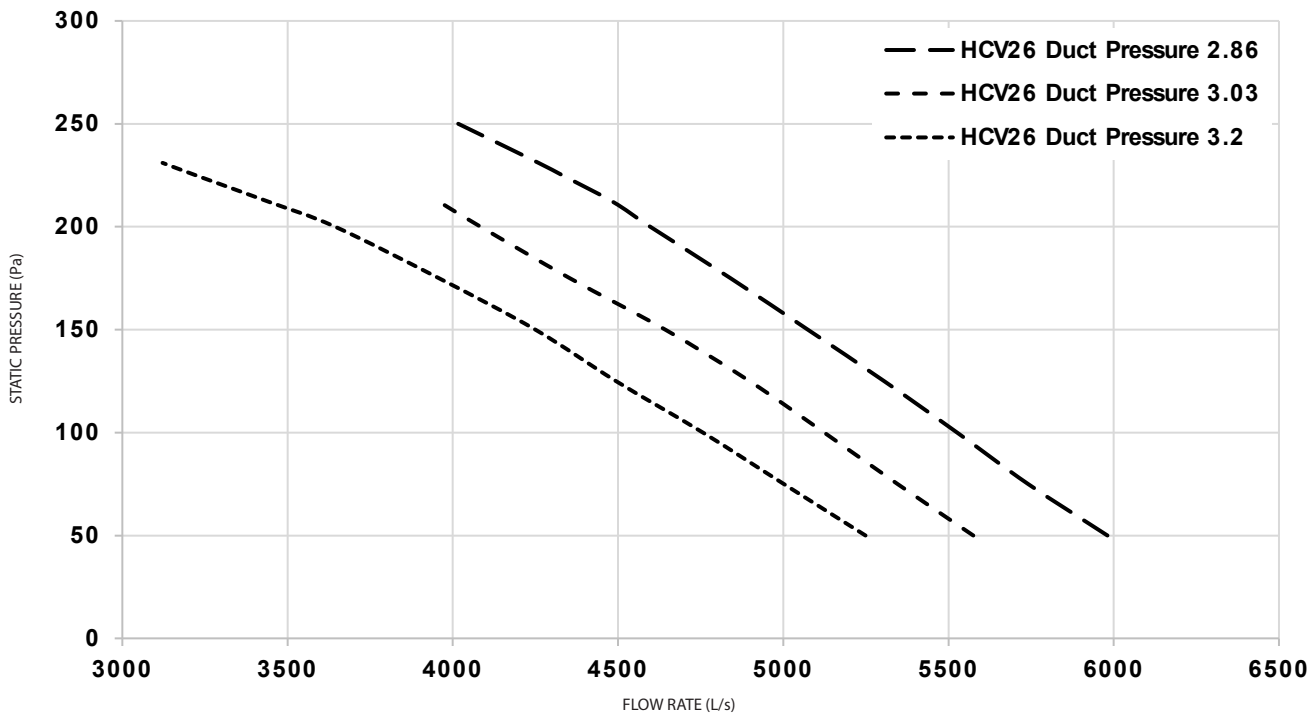
FAN CURVES HCV16



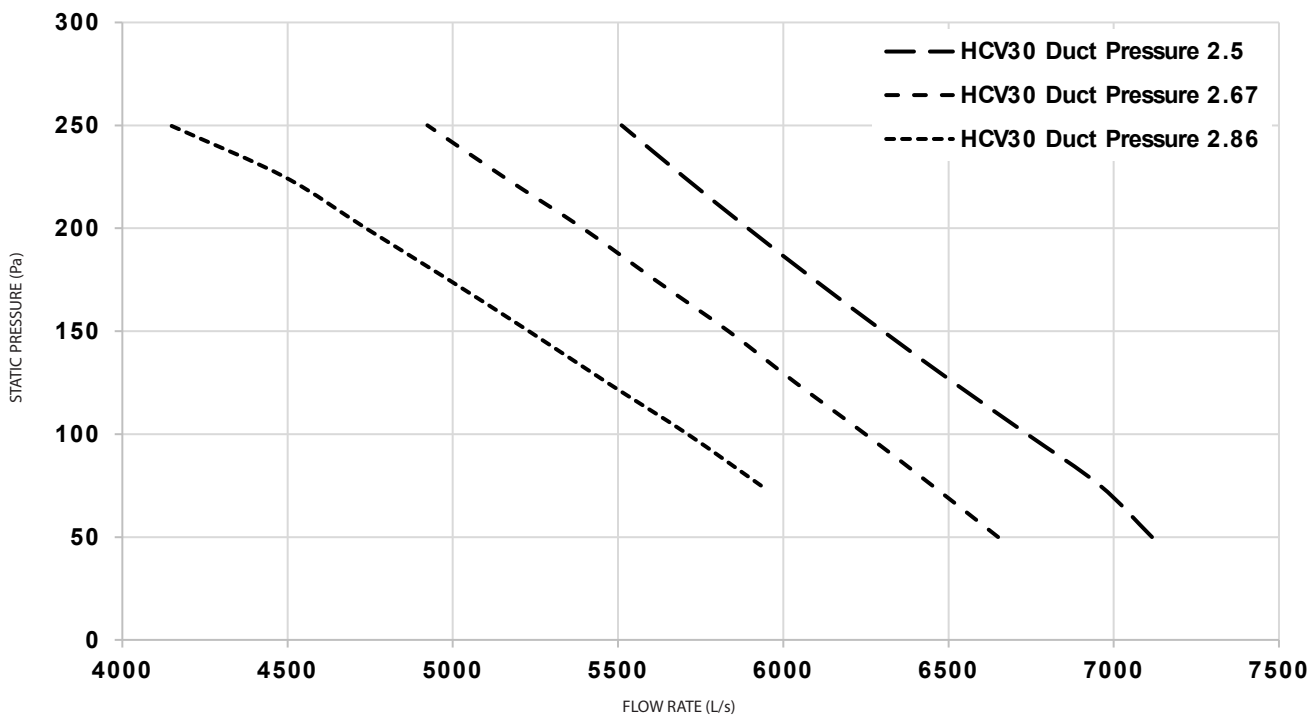
TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

Standard flow data is provided below. Additional flow data is available upon request to suit site requirements. HCVR units have reduced cooling capacity to improve heating performance. Contact Seeley International for unit sizing appropriate to site requirements.

FAN CURVES HCV26



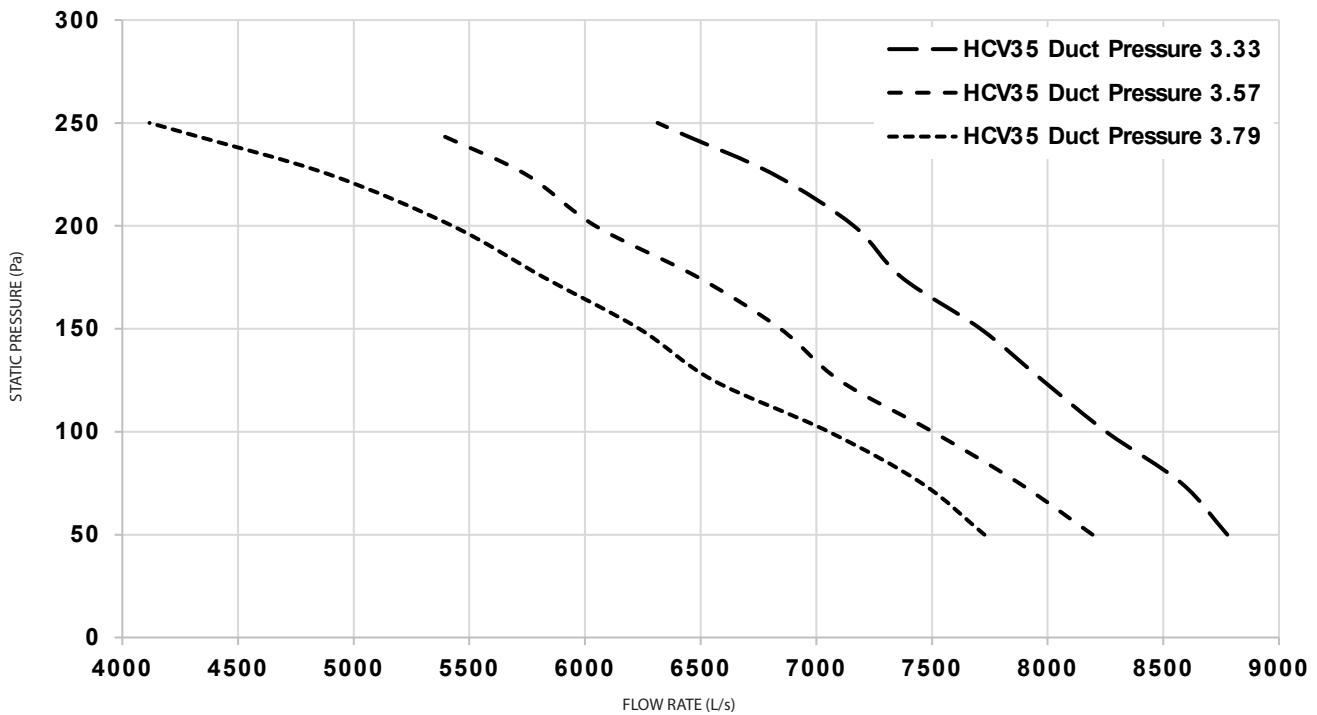
FAN CURVES HCV30



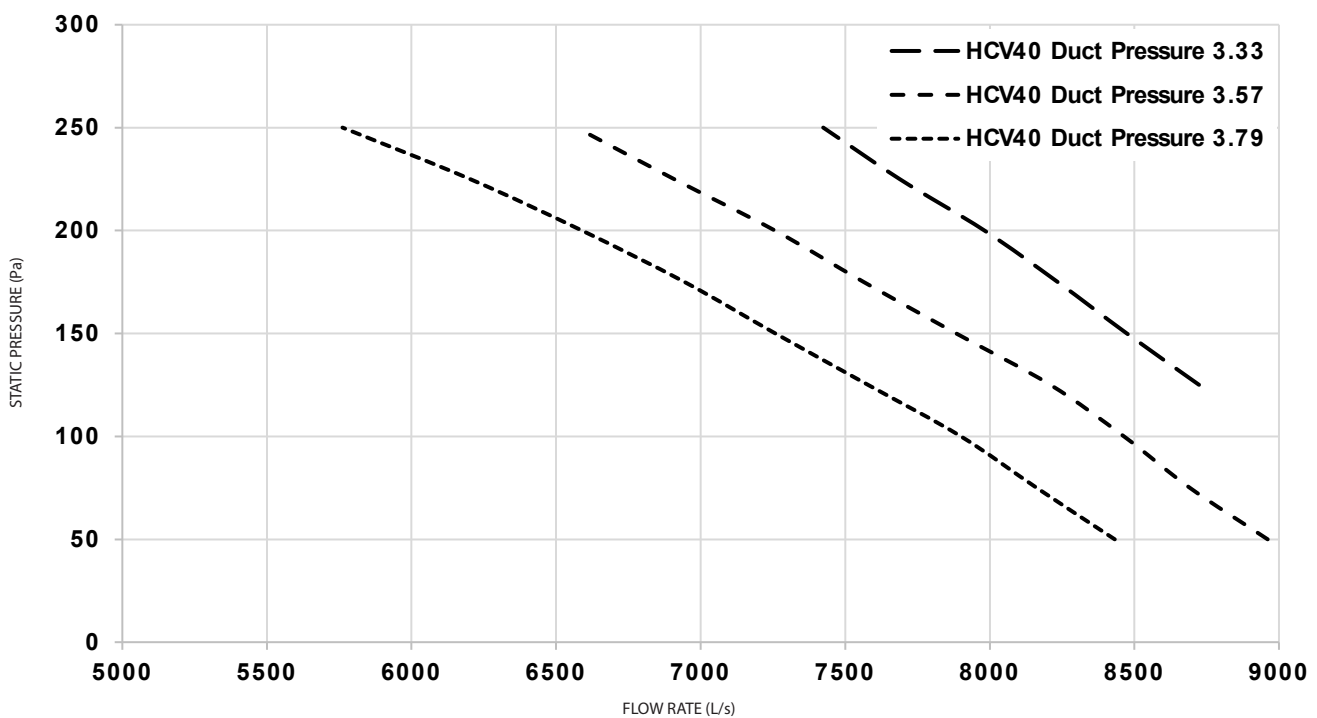
TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

Standard flow data is provided below. Additional flow data is available upon request to suit site requirements. HCVR units have reduced cooling capacity to improve heating performance. Contact Seeley International for unit sizing appropriate to site requirements.

FAN CURVES HCV35



FAN CURVES HCV40





TECHNICAL SPECIFICATIONS - HCV & HCVR OR MODELS COMBINATION INDIRECT GAS FIRED HEATERS AND EVAPORATIVE COOLERS

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