

AIRA

HCV HCVR

HEATING/COOLING/VENTILATING UNITS



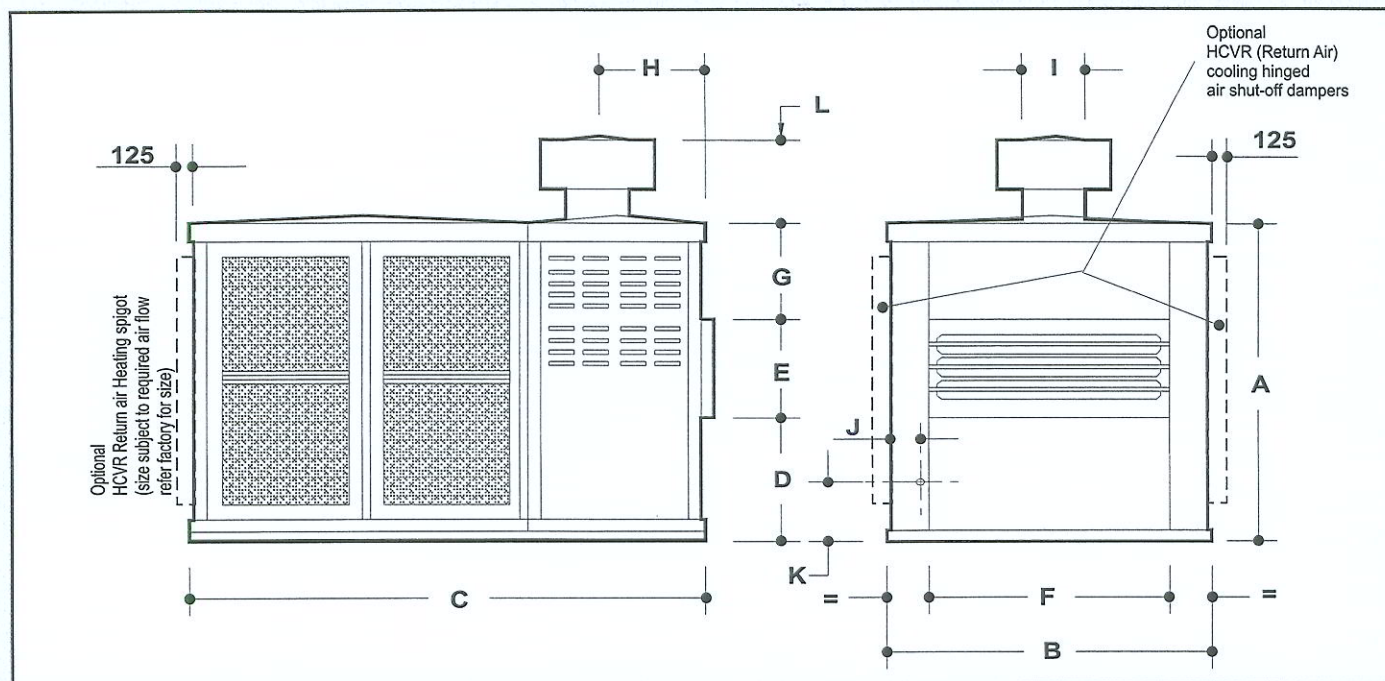
FEATURES

- Full Fresh Air or optional Return Air heating
- One piece package design
- Low cost evaporative cooling
- Heavy duty, marine grade aluminium cabinet construction
- High efficiency (80%+) long life 75 mm CELPAD pads
- Low water content ABS non corrosive water reservoir
- High performance centre hung forward curve, belt drive blowers
- Sealed for life high quality shaft bearings
- AGA approved Dravo indirect gas fired heater
- Low air resistant long life stainless steel heat exchanger
- Full electronic modulating atmospheric gas burner with dual sensing (room and unit air outlet) for optimum temperature control
- Motorised outlet damper for low heating air quantity adjustment
- Standard single speed motor or optional 2 speed



MADE IN AUSTRALIA

HCV/HCVR series Heating/Cooling/Ventilating Units



DIMENSIONS

MODEL	12	16	22	26	35	40	45	50	60
A	1165	1165	1345	1345	1485	1830	1905	1905	2210
B	995	995	1210	1210	1550	1886	2240	2240	2512
C	1888	1888	2105	2105	2445	2445	2650	2650	3302
D	395	395	480	490	675	680	755	755	1130
E	457	457	520	520	520	520	505	505	505
F	460	590	734	868	1210	1346	1708	1708	1982
G	313	313	345	345	290	630	645	645	575
H	710	720	730	730	588	588	588	730	730
I	152	178	203	203	305	305	305	200 x 2	254 x 2
J	180	210	85	85	90	190	110	190	190
K	60	110	100	100	200	200	290	290	290
L	570	530	670	670	320	320	320	320	320

HEATING CAPACITIES

GAS INPUT	Mj/Hr	127	169	232	274	369	422	422	538	633
OUTPUT	kW	28.1	37.5	51.6	61	82.0	93.8	93.8	119.5	140.6
MIN AIR QTY	L/s	780	1050	1410	1720	2450	2810	2810	3440	3800

COOLING PERFORMANCE (l/s against external resistance)

	125 Pa	2120	2300	2700	2600	3140	3730	3040	3680	4220	3560	4790	5400	7180	7800	7610	8460	10600	13000	10600	13000	14800	16000
200 Pa	1880	2160	2520	2320	2910	3505	2780	3410	3840	2910	4480	4990	6730	7420	7180	7950	9800	11900	9800	11900	13500	15200	

* These HCVR return air models require larger cabinet for high air quantity - refer factory for details

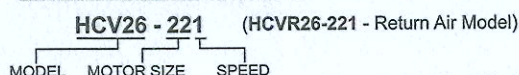
BLOWER (FAN) MOTOR

KW POWER	1.1	1.5	2.2	1.5	2.2	3.0	1.5	2.2	3.0	1.5	3.0	4.0	5.5	7.5	5.5	7.5	7.5	11.0	7.5	11.0	11.0	15.0
PHASE	1	1/3	3	1/3	3	3	1/3	3	3	1/3	3	3	3	3	3	3	3	3	3	3	3	3
FULL LOAD AMPS	6.0	8.5/3.5	4.8	8.5/3.5	4.8	6.9	8.5/3.5	4.8	6.9	8.5/3.5	6.9	7.8	11.0	14.0	11.0	14.0	14.0	21.0	14.0	21.0	21.0	28.0

WEIGHT STANDARD UNIT (kg) (for HCVR refer factory)

DRY	325	325	340	380	400	405	400	405	440	440	453	465	557	589	587	599	660	690	780	810	780	810
OPERATING	345	345	360	400	420	425	420	425	470	470	480	490	610	620	620	630	690	720	810	840	810	840

MODEL IDENTIFICATION



Specifications subject to change without notice

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