

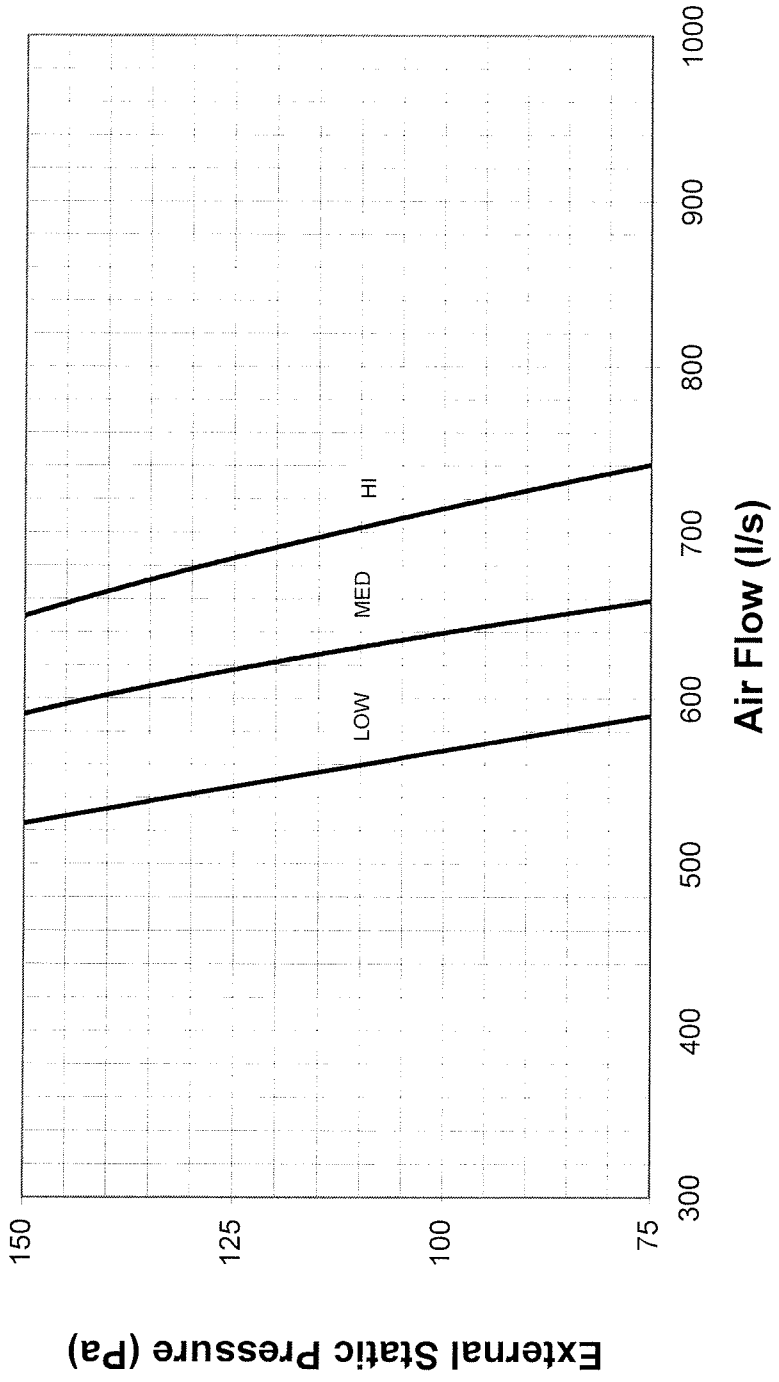


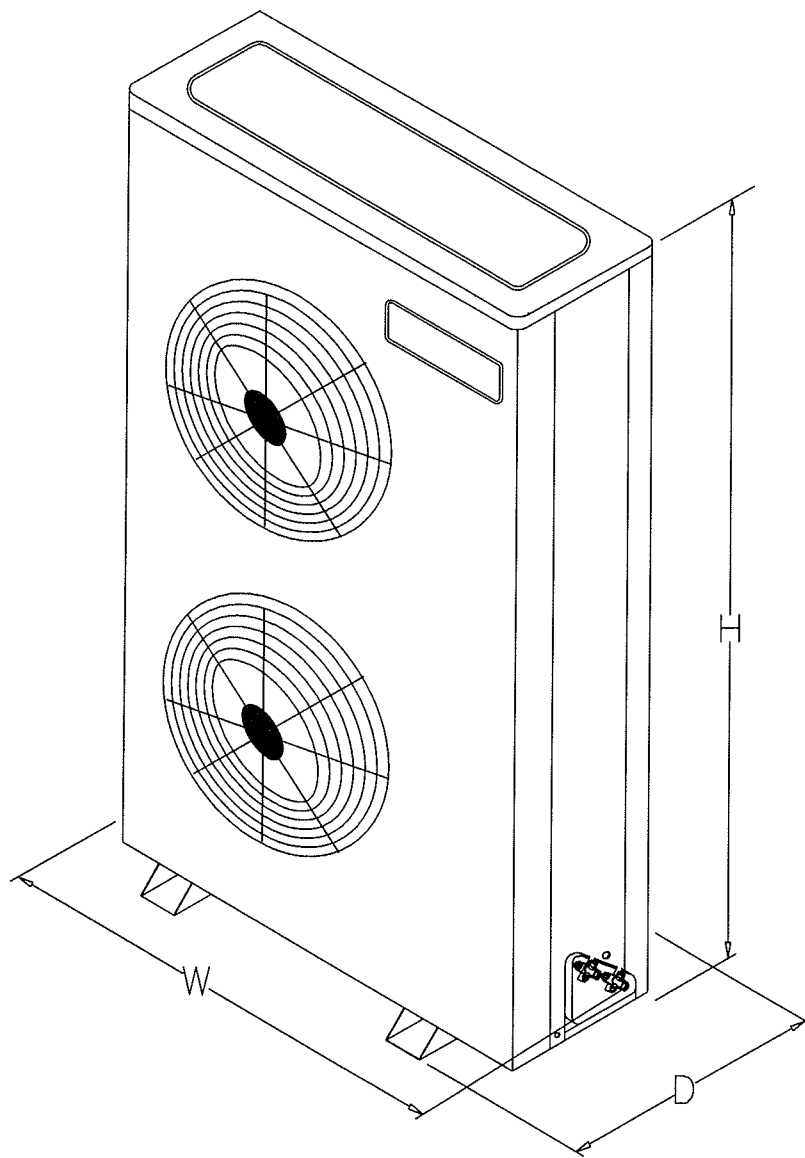
# Cooling Performance Data Model AHU42R/LCU42R

INDOOR COIL ENTERING AIR TEMP °C		OUTDOOR COIL ENTERING AIR TEMPERATURE °C											
		30°C			35°C			40°C			45°C		
		Tot Cap	Sens Cap	LWB	Tot Cap	Sens Cap	LWB	Tot Cap	Sens Cap	LWB	Tot Cap	Sens Cap	LWB
DB°C	WB°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
21	17	12.17	7.83	11.30	11.47	7.48	11.60	10.69	7.09	12.00	9.84	6.66	12.40
	18	12.47	7.12	12.30	11.75	6.78	12.70	10.99	6.42	13.20	10.11	6.00	13.60
	19	13.11	6.37	13.30	12.36	6.07	13.60	11.48	5.73	14.00	10.53	5.36	14.40
	20	13.64	5.57	14.40	12.87	5.28	14.70	12.01	4.95	15.00	11.07	4.59	15.40
23	17	12.25	9.11	11.20	11.56	8.77	11.60	10.81	8.39	11.90	9.99	7.90	12.40
	18	12.55	8.50	12.30	11.85	8.16	12.60	11.10	7.79	13.10	10.23	7.37	13.50
	19	12.88	7.79	13.40	12.15	7.46	13.70	11.39	7.10	14.20	10.49	6.67	14.50
	20	13.25	7.09	14.30	12.45	6.76	14.80	11.66	6.40	15.20	10.70	5.99	15.50
	21	13.94	6.31	15.40	13.17	6.02	15.70	12.25	5.70	16.00	11.29	5.33	16.50
25	17	12.34	10.50	11.10	11.65	10.12	11.50	10.91	9.73	11.80	10.08	9.27	12.30
	18	12.66	9.80	12.20	11.95	9.45	12.50	11.18	9.07	12.90	10.31	8.62	13.30
	19	12.94	9.19	13.30	12.27	8.76	13.60	11.51	8.39	14.10	10.59	7.95	14.40
	20	13.27	8.45	14.40	12.56	8.14	14.70	11.77	7.77	15.10	10.83	7.33	15.50
	21	13.61	7.74	15.50	12.88	7.42	15.90	12.04	7.06	16.20	11.07	6.64	16.50
27	17	12.42	11.76	11.00	11.78	11.36	11.40	11.07	10.87	11.70	10.24	10.24	12.10
	18	12.73	11.14	12.10	12.05	10.78	12.50	11.29	10.38	12.80	10.43	9.89	13.20
	19	13.05	10.47	13.20	12.31	10.09	13.50	11.55	9.73	13.90	10.67	9.28	14.30
	20	13.40	9.77	14.30	12.65	9.41	14.60	11.87	9.04	15.10	10.95	8.62	15.40
	21	13.71	9.14	15.40	12.98	8.81	15.80	12.14	8.44	16.10	11.20	7.93	16.40
29	17	12.68	12.68	10.90	12.10	12.10	11.10	11.41	11.41	11.40	10.67	10.67	11.80
	18	12.85	12.37	12.00	12.22	11.95	12.30	11.42	11.42	12.60	10.69	10.69	13.10
	19	13.15	11.80	13.10	12.46	11.44	13.40	11.67	10.99	13.80	10.83	10.51	14.30
	20	13.47	11.12	14.20	12.74	10.77	14.50	11.95	10.38	15.00	11.03	9.92	15.30
	21	13.82	10.43	15.30	13.05	10.07	15.60	12.25	9.71	16.00	11.29	9.26	16.40
31	17	13.16	13.16	10.50	12.56	12.56	10.90	11.86	11.86	11.10	11.12	11.12	11.60
	18	13.17	13.17	11.80	12.56	12.56	12.10	11.88	11.88	12.40	11.14	11.14	12.80
	19	13.31	12.98	13.00	12.55	12.54	13.30	11.89	11.89	13.60	11.14	11.14	14.00
	20	13.59	12.45	14.10	12.86	12.05	14.40	12.07	11.60	14.80	11.12	11.10	15.10
	21	13.89	11.78	15.20	13.14	11.42	15.50	12.34	11.05	16.00	11.43	10.57	16.30

Capacity multipliers should be applied to above capacities to adjust for reduced or increased air flow.

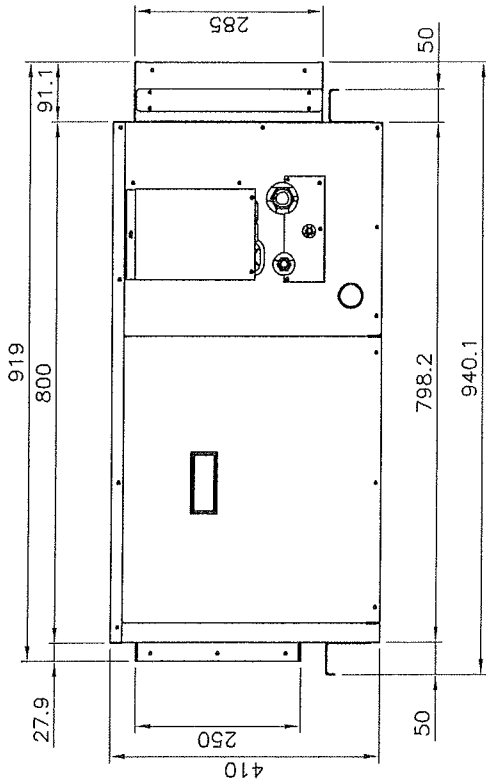
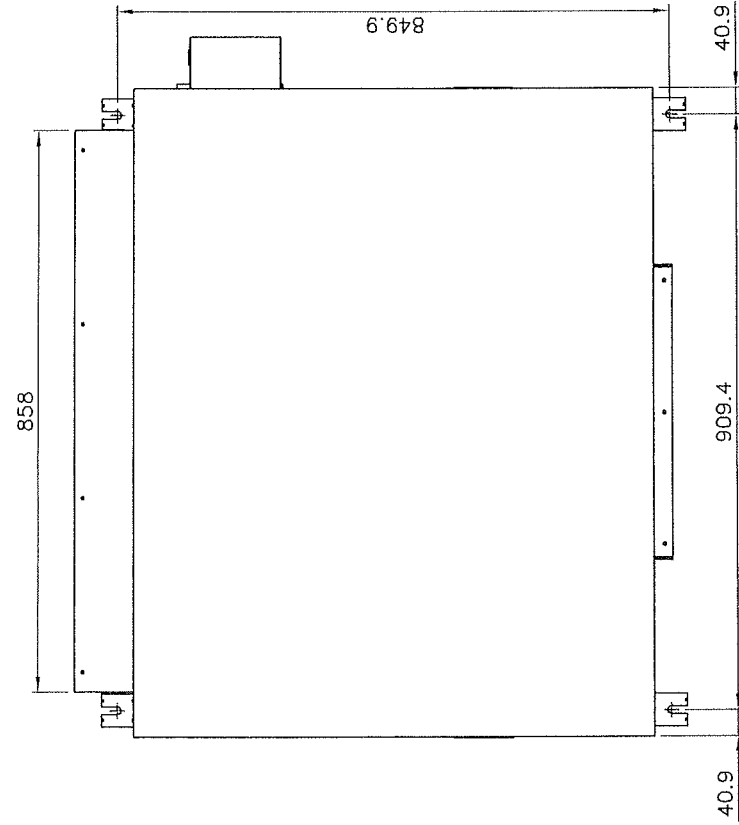
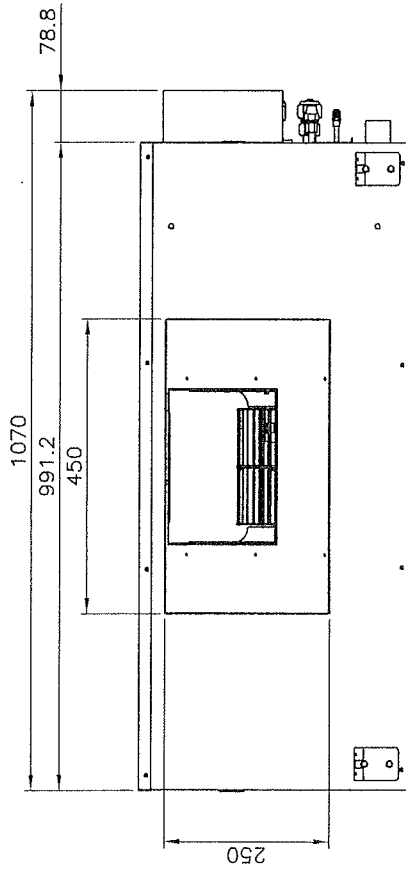
**PERFORMANCE CURVE OF AHU-42(new)**  
**( 220/240 V. - 50Hz. )**






MODEL	CAPACITY BTU/H (kW.)	DIMENSION (MM.)			SERVICE VALVE SIZE (mm)	
		H	W	D	LIQUID	SUCTION
LCU42	42,000 (12.31)	1050	976	400	12.7(1/2")	19.05(3/4")

PRODUCT DIMENSION LCU42



REVISION RECORD		ITEM	PART NAME		MATERIAL	SIZE	QTY.	DWG. NO.
ITEM	DESCRIPTION/DETAIL	NAME	DATE	TITLE : Product Dimension AHU 42(new)				
				DRAWN :	DATE :	PART NUMBER		
				K.ANURAK		-		
				CHECKED :	DATE :			
				A.CHAN				
				APPROVED :	DATE :			
				DI MARTINO GIUSEPPE				
				UNIT :	mm.	DRAWING No. :	-	REV. 0
				SCALE :	1 : 12	TOLERANCE	± 5	
				 <b>DUNN AIR</b> (Aust) Pty Ltd				