



*Benson*

## Ducted Low to Medium Static

### Benson Enviro 3

Benson Enviro3 Low to Medium Static systems can be used where a small ducted systems needs to be concealed for functional or aesthetic reasons.

They are able to be installed in a bulkhead or concealed in the top of a wardrobe.

These systems would suit small-scale, widespread use - such as in hotel rooms, conference rooms & meeting rooms.

They can also be installed in domestic settings where - for aesthetic purposes - the home owner would prefer to conceal the ducted system.





# Benson

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## Specifications

		Models							
		Single Phase						Three Phase	
		BENDX-1P-D-26R / RC	BENDX-1P-D-35R / RC	BENDX-1P-D-53R / RC	BENDX-1P-D-68R / RC	BENDX-1P-D-82R / RC	BENDX-1P-D-94R / RC	BENDX-1P-D-84R / RC3	BENDX-1P-D-95R / RC3
Cooling Capacity	W	2600	3500	5300	6800	8200	9400	8500	9400
	Btu / h	9000	12000	18000	23500	28000	32000	28000	32000
Heating Capacity	W	2900	3800	5800	7500	9400	11000	9400	11000
	Btu / h	10000	13000	20000	26000	32000	38000	32000	38000
Cooling Energy Efficiency	EER(W / W)	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
	Energy Class	C	C	C	C	C	C	C	C
Heating Energy Efficiency	COP(W / W)	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
	Energy Class	C	C	C	C	C	C	C	C
Dehumidifying Volume	L / Hr	1	1.5	2	2.5	3.2	3.5	3.2	3.5
External Static Pressure	Pa	40	40	60	60	75	75	75	75
Air Flow (High)	m <sup>3</sup> / h (H / M / L)	510 / 470 / 435	620 / 570 / 520	1250 / 1100 / 880	1700 / 1460 / 1220	1700 / 1460 / 1220	2140 / 1950 / 1720	1700 / 1460 / 1220	2140 / 1960 / 1720
Indoor Noise Level	dB(A) (H / M / L)	42 / 40 / 38	44 / 40 / 38	46 / 44 / 40	48 / 46 / 40	48 / 46 / 40	55 / 52 / 43	48 / 46 / 40	55 / 52 / 43
Outdoor Noise Level	dB(A)	53	55	55	56	62	62	62	62
Electrical Data									
Power Supply	V / Hz / ph	AC 220 - 240 - / 50 / 1						AC 415 - 380 / 50 / 3	
Cooling Power Input	W	920	1240	1880	2420	2900	3340	2900	3340
Heating Power Input	W	900	1180	1800	2340	2900	3420	2900	3420
Cooling Running Current	A	4.1	5.6	8.2	11	14	15.2	4.8	5.3
Heating Running Current	A	4	5.3	7.8	10.6	14	15.6	4.8	5.5
Star Current	A	19	25	33	S / S 45	S / S 45	S / S 45	37	45
Dimensions & Weight									
Net Dimension W H D	Indoor mm	775	775	1015	1015	1015	1315	1015	1015
		524	524	586	678	678	738	678	678
		200	200	240	275	275	275	275	275
	Outdoor mm	850	850	850	900	880	880	880	880
		320	320	320	350	390	390	390	390
		540	540	540	615	790	790	790	790
Net Weight	Indoor KG	20	20	28	35	35	50	35	50
	Outdoor KG	30	32	40	48	75	83	75	83
Technical Information									
Condenser Drain Connection OD	mm (inch)	19.05 (3 / 4")							
Refrigerant Type		R290							
Refrigerant Charge (5m)	KG	0.4	0.55	0.85	0.99	1.1	1.1	1.1	1.1
Piping Size OD	Liquid mm(inch)	6.35 (1 / 4")	6.35 (1 / 4")	6.35 (1 / 4")	9.52 (3 / 8")	9.52 (3 / 8")	9.52 (3 / 8")	9.52 (3 / 8")	9.52 (3 / 8")
	Gas mm(inch)	9.52 (3 / 8")	12.7 (1 / 2")	12.7 (1 / 2")	15.88 (5 / 8")	15.88 (5 / 8")	19.05 (5 / 8")	15.88 (5 / 8")	15.88 (5 / 8")

### Benson Airconditioning

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