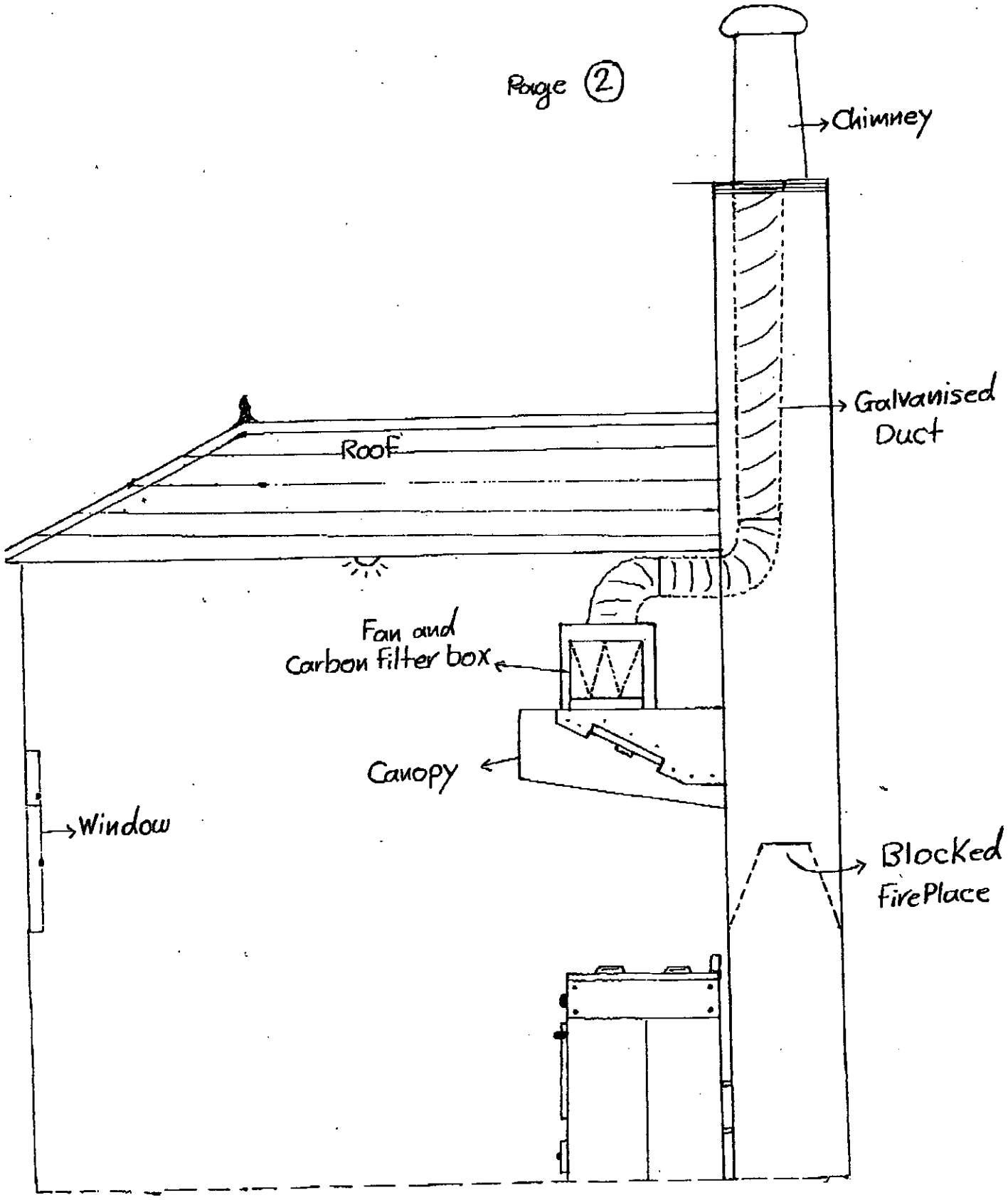
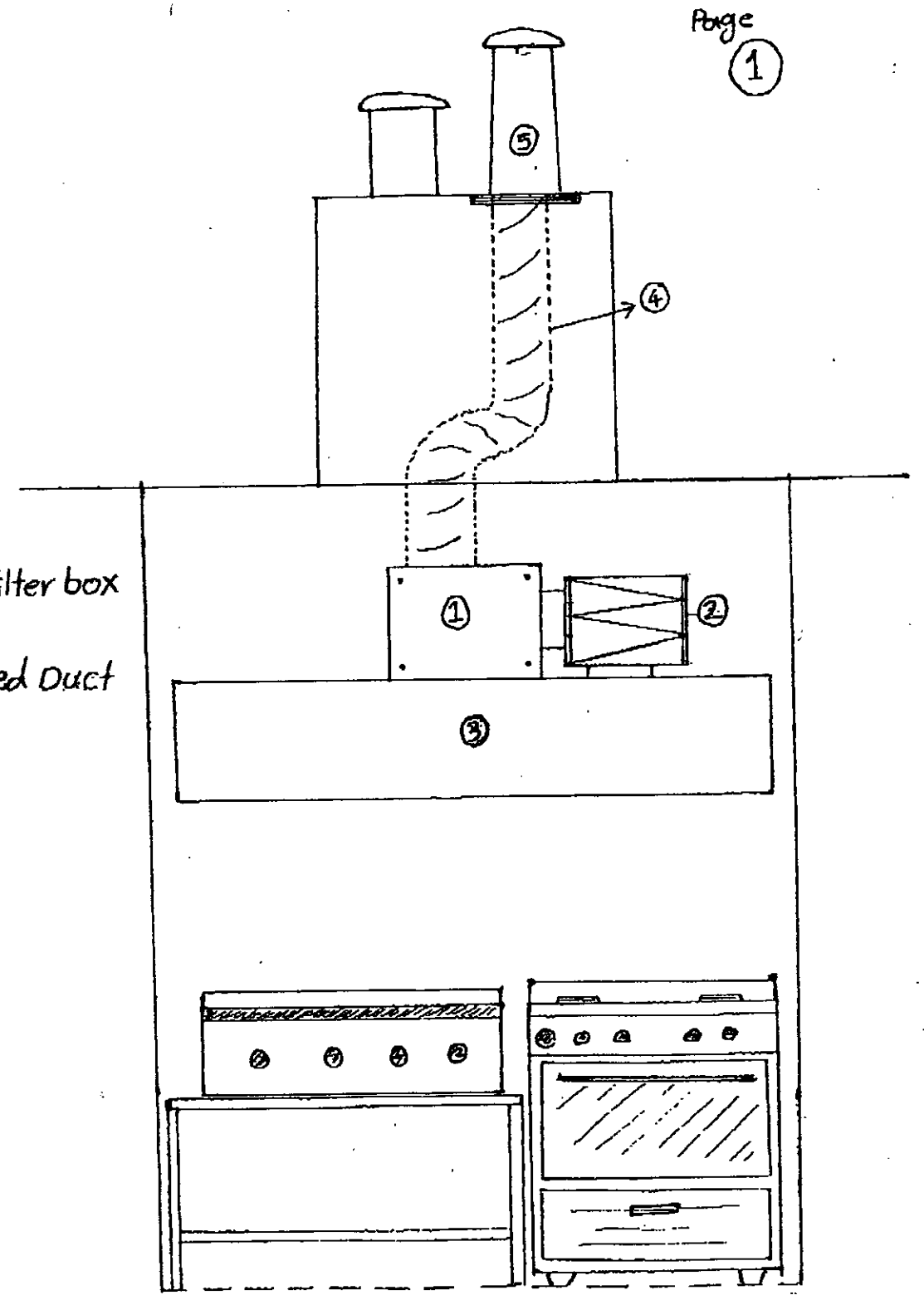
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BOROUGH OF WORTHING
DEPOSITED
TP REF NO
WB / 11 / 0171 / FULL

Page (2)



Page (1)

1 Fan
2 Carbon Filter box
3 Canopy
4 Galvanised Duct
5 Chimney



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DEPOSITED TP REF NO WB / 11 / 10174 / mvc

SELECTION DATA

Single Phase in line centrifugal fans 230 V/1 ph./50 Hz

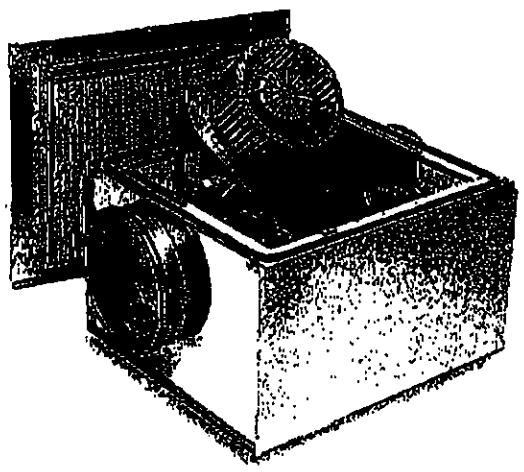
Fan code	Speed	Volume flow m³/s against static pressure Pa.											Motor power	Current	Max. air flow temperature	Speed controller	Weight	Sound level @ 4 m
	rpm	0	50	100	150	200	250	300	350	400	450	500	Watts	Amps	+°C	Transformer	kg	dB(A)
SB 125 A	1830	0.084	0.058	0.053	0.047	0.039	0.022						61	0.20	50	TSW 0.3	12.0	30
SB 160 B	1190	1)	0.108	0.097	0.092	0.083	0.072	0.058	0.031				110	0.48	60	TSW 1.5	13.0	36
SB 200 C	1800	1)	0.183	0.175	0.164	0.147	0.128	0.106	0.069	0.014			188	0.83	55	TSW 1.5	15.0	39
SB 250 C	2120	1)	1)	1)	0.261	0.247	0.228	0.206	0.164	0.092			255	1.13	35	TSW 1.5	18.0	40
SB 315 C	1400	1)	1)	0.397	0.387	0.339	0.311	0.250	0.106				385	1.70	55	TSW 3.0	36.0	44
SB 315 B	1800	1)	1)	1)	1)	0.467	0.444	0.408	0.347	0.172			620	3.00	40	TSW 5.0	41.0	44
SB 355 C	2200	1)	1)	1)	0.519	0.492	0.456	0.400	0.303	0.075			500	2.10	40	TSW 3.0	40.0	44
SB 400 F	1290	1)	1)	1)	0.656	0.631	0.603	0.569	0.533	0.486	0.417	0.281	990	4.5	55	TSW 5.0	55.0	43

1) These duties are not available as the fan requires the minimum pressure shown

Helios

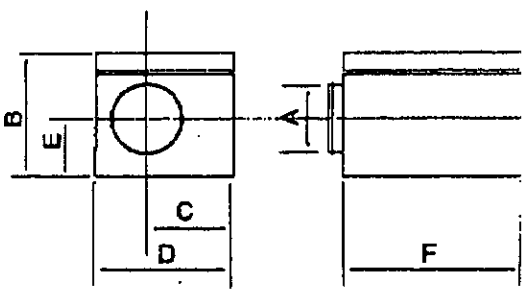
SilentBox® In-Line Centrifugal fans 125 to 400 mm diameter

Heli



SPECIFICATION

- ☐ **Casing**
  Galvanised sheet steel. With inlet and outlet spigots.
- ☐ **Acoustic lining**
  Lined with abrasive resistant fibre board 50 mm thick.
- ☐ **Impeller**
  Backward curved centrifugal. Temperatures of -30 to + 60 °C.
- ☐ **Motor**
  Low noise external rotor motor with ball bearings.
- ☐ **Motor protection**
  Thermal contacts wired in series as standard.
- ☐ **Terminal box**
  All terminal boxes are mounted on the casing and IP 55.
- ☐ **Speed control**
  All models are speed controllable using the controllers below.
- ☐ **Installation**
  Installation in any position.
- ☐ **Sound levels**
  Sound levels are given below.
- ☐ **Protection**
  Splashproof to IP 44.



ANCILLARIES








Fan nominal size in mm	Pipe Clamps (pair)	Feet	Guard	Backdraught butterfly shutter	In line filter box	Electric heater single phase (EHR-R kW/dia)	Silencer (SRSD dia/length)
125	BM 125	Included	SGR 125	RSKK 125	LFBR 125	EHR-R 1/100	SRSD 125/600
160	BM 160	Included	SGR 160	RSK 160	LFBR 160	EHR-R 2.5/160	SRSD 160/600
200	BM 200	Included	SGR 200	RSK 200	LFBR 200	EHR-R 5/200	SRSD 200/600
250	BM 250	Included	SGR 250	RSK 250	LFBR 250	EHR-R 8/250	SRSD 250/600
315	BM 315	Included	SGR 315	RSK 315	LFBR 315	EHR-R 8/315	SRSD 315/600
355	BM 355	Included	–	RSK 355	LFBR 355	EHR-R 9/355	SRSD 355/600
400	BM 400	Included	–	RSK 400	LFBR 400	EHR-R 9/400	SRSD 400/600

DIMENSIONS

Fan nominal size in mm	Dimensions in mm					
	A	B	C	D	E	F
125	125	245	239	365	134	400
160	160	285	272	365	151	400
200	200	330	185	370	190	400
250	250	342	235	470	190	400
315	315	397	367	585	222	650
355	355	478	375	638	255	892
400	400	478	375	638	255	892