

Name:	Manrose	Manrose	Manrose	Manrose
Model ID (Stock Ref.) :	XF150	XF150P	XF150T	XF150H
SEC Class	F	F	E	C
SEC Value ('Average')	-9.69	-9.69	-11.76	-23.99
SEC Value ('Warm')	-2.04	-2.04	-3.15	-9.62
SEC Value ('Cold')	-23.05	-23.05	-26.79	-49.07
Label Required? (Yes/No=Out of scope)	No	No	No	No
Declared as: RVU or NRUVU/UVU or BVU	RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU
Speed Drive	Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed
Type HRS (Regenerative, Regenerative, None)	None	None	None	None
Thermal Eff. : (%), NA(if none)	N/A	N/A	N/A	N/A
Max. Flow Rate (m3/h)	230.40	230.40	230.40	230.40
Max. Power Input (W): (@Max.Flow Rate)	20.00	20.00	20.00	20.00
LWA: Sound Power Level (dB)	60.53	60.53	60.53	60.53
Ref. Flow Rate (m3/s)	161.28	161.28	161.28	161.28
Ref. Pressure Diff. (Pa)	TBC	TBC	TBC	TBC
SPL [W]/(m3/h)	0.12	0.12	0.12	0.12
Control Factor & Control Typology: (CTRL/ Typology)				
Control Factor: CTRL	1.00	1.00	0.95	0.65
Control Typology	Manual Control	Manual Control	Clock Control	Local Demand Control
Declared: -Max Internal & External Leakage Rates(%) for BVUs or carry over (for regenerative heat exchangers only), -&Ext. Leakage Rates (%) for Ducted UVUs;	TBC	TBC	TBC	TBC
Mixing Rate of Non-Ducted BVUs not intended to be equipped with one duct connection on either supply or extract air side;	N/A	N/A	N/A	N/A
Filter Warning (RVU)	No	No	No	No
For UVUs (Instructions Install Regulated Supply/Extract Grilles Façade)	TBC	TBC	TBC	TBC
Internet Address (for Disassembly Instructions)	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk
Sensitivity p. Variation@+20/-20 Pa: (for Non-Ducted Vus)	TBC	TBC	TBC	TBC
Air Tightness-ID/OD-(m3/h) (for Non-Ducted Vus)	TBC	TBC	TBC	TBC
Annual Electricity Consumption: AEC (kWh/a)	4.27	4.27	3.96	2.24
Annual Heating Saved: AHS (kWh/a)				
AHS: Average	13.97	13.97	15.72	26.23
AHS: Warm	6.32	6.32	7.11	11.86
AHS: Cold	27.32	27.32	30.75	51.31

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XF150HP	XF150A	XF150AP	XF150AT	XF150AH	XF150AHP
C	F	F	E	C	C
-23.99	-8.63	-8.63	-10.77	-23.43	-23.43
-9.62	-0.98	-0.98	-2.16	-9.06	-9.06
-49.07	-21.98	-21.98	-25.80	-48.51	-48.51
No	No	No	No	No	No
RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU
Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed
None	None	None	None	None	None
N/A	N/A	N/A	N/A	N/A	N/A
230.40	230.40	230.40	230.40	230.40	230.40
20.00	25.00	25.00	25.00	25.00	25.00
60.53	60.53	60.53	60.53	60.53	60.53
161.28	161.28	161.28	161.28	161.28	161.28
TBC	TBC	TBC	TBC	TBC	TBC
0.12	0.16	0.16	0.16	0.16	0.16
0.65	1.00	1.00	0.95	0.65	0.65
Local Demand Control	Manual Control	Manual Control	Clock Control	Local Demand Control	Local Demand Control
TBC	TBC	TBC	TBC	TBC	TBC
N/A	N/A	N/A	N/A	N/A	N/A
No	No	No	No	No	No
TBC	TBC	TBC	TBC	TBC	TBC
www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk
TBC	TBC	TBC	TBC	TBC	TBC
TBC	TBC	TBC	TBC	TBC	TBC
2.24	5.34	5.34	4.94	2.80	2.80
26.23	13.97	13.97	15.72	26.23	26.23
11.86	6.32	6.32	7.11	11.86	11.86
51.31	27.32	27.32	30.75	51.31	51.31

Manrose	Manrose	Manrose	Manrose	Manrose	Manrose
WF150	WF150P	WF150T	WF150H	WF150A	WF150AP
F	F	E	C	F	F
-9.56	-9.56	-11.63	-23.92	-8.45	-8.45
-1.91	-1.91	-3.02	-9.55	-0.80	-0.80
-22.91	-22.91	-26.67	-49.00	-21.81	-21.81
No	No	No	No	No	No
RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU	RVU-UVU
Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed	Multi-Speed
None	None	None	None	None	None
N/A	N/A	N/A	N/A	N/A	N/A
223.20	223.20	223.20	223.20	223.20	223.20
20.00	20.00	20.00	20.00	25.00	25.00
60.53	60.53	60.53	60.53	60.53	60.53
156.24	156.24	156.24	156.24	156.24	156.24
TBC	TBC	TBC	TBC	TBC	TBC
0.13	0.13	0.13	0.13	0.16	0.16
1.00	1.00	0.95	0.65	1.00	1.00
Manual Control	Manual Control	Clock Control	Local Demand Control	Manual Control	Manual Control
TBC	TBC	TBC	TBC	TBC	TBC
N/A	N/A	N/A	N/A	N/A	N/A
No	No	No	No	No	No
TBC	TBC	TBC	TBC	TBC	TBC
www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk	www.manrose.co.uk
TBC	TBC	TBC	TBC	TBC	TBC
TBC	TBC	TBC	TBC	TBC	TBC
4.41	4.41	4.08	2.31	5.51	5.51
13.97	13.97	15.72	26.23	13.97	13.97
6.32	6.32	7.11	11.86	6.32	6.32
27.32	27.32	30.75	51.31	27.32	27.32

Manrose	Manrose
WF150AT	WF150AH
E	C
-10.61	-23.34
-2.00	-8.97
-25.64	-48.42
No	No
RVU-UVU	RVU-UVU
Multi-Speed	Multi-Speed
None	None
N/A	N/A
223.20	223.20
25.00	25.00
60.53	60.53
156.24	156.24
TBC	TBC
0.16	0.16
0.95	0.65
Clock Control	Local Demand Control
TBC	TBC
N/A	N/A
No	No
TBC	TBC
www.manrose.co.uk	www.manrose.co.uk
TBC	TBC
TBC	TBC
5.10	2.89
15.72	26.23
7.11	11.86
30.75	51.31