



OUR TOWN HALL

ROOF MOUNTED LOUVRE SCHEDULE

Document reference **OTH-PUR-TH-ZZ-SCH-A-6764**

Status **For Construction**

Document type **Schedule**

Revision **01**

REVISION HISTORY:

REV.	DATE	DESCRIPTION OF CHANGE
-	27/11/2020	First Issue
01	15/03/2023	Window mounted louvres omitted from schedule (louvres included in window schedules). Roof mounted louvre sizes updated. Roof mounted louvre 06-019/LVR/001 added.

Louvre Schedule

Document number: **OTH-PUR-TH-RF-SCH-A-6764**

Louvre reference	Window or roof reference	Description and locations				Details				Louvre details						Plenum box dimensions: Width x height
			Window or roof GA plan	Arup GA plan	Detail	Width x height of clear opening for louvre	Duct size	Actual air flow	Maximum pressure drop	Louvre manufacturer	Louvre type	Louvre reference	Pitch	Width x height including flange	Louvre colour	
05-004/LVR/002	Roof reference: WR14	Roof WR14 window opening adjacent to clock tower 05-004	A-4312	M-24407	A-8015	600 x 600mm	200mm diameter	125	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	647 x 660mm	RAL 7042	600 x 600mm
05-004/LVR/001	Roof reference: WR14	Roof WR14 window opening adjacent to CS13 05-004	A-4312	M-24407		600 x 600mm	200mm diameter	125	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	647 x 660mm	RAL 7042	600 x 600mm
07-001/LVR/001	Roof reference: WR22	Louvre in lead clad dormer detail in roof slope reference WR22 north-east corner	A-4312	M-24407		300 x 300mm	250 diameter	57	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	347 x 360mm	RAL 7042	300 x 300mm
07-003/LVR/001	Roof reference: WR16	Louvre in lead clad dormer detail in roof slope reference WR16 north-side	A-4346	M-24485		500 x 500mm	300 diameter	334	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	547 x 560mm	RAL 7042	500 x 500mm
07-003/LVR/002	Roof reference: WR16	Louvre in lead clad dormer detail in roof slope reference WR16 south-side	A-4346	M-24485		500 x 500mm	300 diameter	57	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	547 x 560mm	RAL 7042	500 x 500mm
06-023/LVR/001	Roof reference: SR09	Louvre in lead clad dormer detail in roof slope reference SR09 north-east corner	A-4312	M-24407		400 x 400mm	160mm diameter	220	30	Waterloo Air Products Ltd/Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	447 x 460mm	RAL 7042	400 x 400mm

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			Window or roof GA plan	Arup GA plan	Detail	Width x height of clear opening for louvre	Duct size	Actual air flow	Maximum pressure drop	Louvre manufacturer	Louvre type	Louvre reference	Pitch	Width x height including flange	Louvre colour	
06-022/LVR/001	Roof reference: SR11	Louvre in lead clad dormer detail in roof slope reference SR11 west side	A-4312	M-24407		450 x 450mm	250mm diameter	267	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	497 x 510mm	RAL 7042	450 x 450mm
06-022/LVR/002	Roof reference: SR11	Louvre in lead clad dormer detail in roof slope reference SR11 middle	A-4312	M-24407		450 x 450mm	250mm diameter	267	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	497 x 510mm	RAL 7042	450 x 450mm
06-022/LVR/003	Roof reference: SR11	Louvre in lead clad dormer detail in roof slope reference SR11 east side	A-4312	M-24407		450 x 450mm	250mm diameter	267	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	497 x 510mm	RAL 7042	450 x 450mm
06-019/LVR/001	Roof reference: SR14	Louvre in lead clad dormer detail in roof slope reference SR14 west side	A-4312	M-24407		400 x 400mm	150mm diameter	53	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	447 x 460mm	RAL 7042	400 x 400mm
04-029/LVR/001	Roof reference: CBR09	Louvre in lead clad dormer detail in roof slope reference CBR09 south side	A-4312	M-24407		600 x 600mm	300mm diameter	359	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	647 x 660mm	RAL 7042	600 x 600mm
02-030/LVR/001	Roof reference: CBR09	Louvre in lead clad dormer detail in roof slope reference CBR09 middle	A-4304	M-24407		600 x 600mm	300mm diameter	399	30	Waterloo Air Products Ltd/ Swegon	Standard 50 series louvre with external flange and internal bird mesh. Fixed from inside using rear fixing lugs	WG-EF	50mm	647 x 660mm	RAL 7042	600 x 600mm