Please note that more than two heat pumps is outside the scope of MCS 020 a).

Project Details (optional)	
Installation address	30, SHIPRIDGE DRIVE
First heat pump make & model	Cosy 6
First heat pump installation location	rear elevation (east facing)
Second heat pump make & model	mitsubishi SRC25ZSP-W
Second heat pump installation location	side elevation (north facing)
Third heat pump make & model	mitsubishi SRC25ZSP-W
Third heat pump installation location	side elevation (north facing)
Fourth heat pump make & model	
Fourth heat pump installation location	

Step			Assessment Position 1	Assessment Position 2	Assessment Position 3
1		Date calculation undertaken	21/09/2026		
2		Description of assessment position	Assessment window: first floor to the property to the right when looking at the rearof the property.		
3	First heat pump	A-weighted sound power level, dB(A)	58		
4	First heat pump	Determination of directivity (Q) - select number of reflective surfaces	two reflective surfaces	two reflective surfaces	two reflective surfaces
5	First heat pump	Distance from heat pump to assessment positions, in m	16.442		
6	First heat pump	Determination of barrier correction - select barrier type	no barrier	close board fence (<18mm thick boards)	close board fence (<18mm thick boards)
	First heat pump	Determination of barrier correction - select line of sight	full view	no view	no view
3	Second heat pump	A-weighted sound power level, dB(A)	57		
4	Second heat pump	Determination of directivity (Q) - select number of reflective surfaces	two reflective surfaces	two reflective surfaces	two reflective surfaces
5	Second heat pump	Distance from heat pump to assessment positions, in m	12.544		
6	Second heat pump	Determination of barrier correction - select barrier type	solid wall (mass >=10kg/m2)	close board fence (<18mm thick boards)	close board fence (<18mm thick boards)
	Second heat pump	Determination of barrier correction - select line of sight	no view	full view	no view
3	Third heat pump	A-weighted sound power level, dB(A)	57		
4	Third heat pump	Determination of directivity (Q) - select number of reflective surfaces	two reflective surfaces	two reflective surfaces	two reflective surfaces
5	Third heat pump	Distance from heat pump to assessment positions, in m	13.559		
6	Third heat pump	Determination of barrier correction - select barrier type	solid wall (mass >=10kg/m2)	close board fence (<18mm thick boards)	close board fence (<18mm thick boards)
	Third heat pump	Determination of barrier correction - select line of sight	no view	partial view	no view
3	Fourth heat pump	A-weighted sound power level, dB(A)			
4	Fourth heat pump	Determination of directivity (Q) - select number of reflective surfaces	one reflective surface	two reflective surfaces	two reflective surfaces
5	Fourth heat pump	Distance from heat pump to assessment positions, in m			
6	Fourth heat pump	Determination of barrier correction - select barrier type	no barrier	close board fence (<18mm thick boards)	close board fence (<18mm thick boards)
	Fourth heat pump	Determination of barrier correction - select line of sight	no view	partial view	no view
7		Calculate sound pressure level (total from all heat pumps)	29.7	#NUM!	#NUM!
8		Pass/fail noise limit of 37.0 dB(A)	pass	#NUM!	#NUM!