

Technical data	Unit	3.5kW	5kW	7kW	10kW (230v)	12kW (230v)	10kW (400v)	12kW (400v)
General								
Weight, ready for operation	kg	114		128	194		210	
Connection, heating circuit		G 1 1/4"						
Rated voltage		230 V (+10%/- 15%), 50 Hz, 1~/N/PE					400 V (+10%/-15%), 50 Hz,3~/N/PE	
Rated current, maximum	A	14.3		15.0	23.3		15	
Fuse size	A	16			25		16	
Fuse type		Characteristic C, slow-blow, singlepole switching						
RCD type		Type B rated to 20kHz or greater and with a minimum trigger point of 150mA above 1kHz						
eBUS (2-core communication cable)	mm²	0.75						
Maximum length eBUS cable (polarity sensitive)	m	50						
IP rating		IP 15 B						
Fan power consumption	W	40			50			
Fan quantity		1			2			
Fan air flow, maximum	m³/h	2300			5100			
Heating pump, power consumption	W	2 - 50			3 - 87			
Heating circuit								
Heating water temperature, minimum/maximum	°C	20 - 75						
Basic length of the heating water pipe, maximum, between the outdoor unit and indoor unit	m	20						
Maximum static height difference between outdoor unit and the highest point in the heating system	m	18			13			
Minimum operating pressure	bar	3.0			2.5			
Maximum operating pressure	bar	20						
Minimum volume flow	l/h	400		540	995			
Maximum volume flow	l/h	860		1205	2065			
Water volume, in the outdoor unit	l	1.5		2.0	4.5			
Minimum open water volume	l	15		20	45			
Refrigerant circuit								
Fluid type		R290						
Fluid fill quantity	kg	0.6		0.9	1.3			
Refrigerant, Global Warming Potential (GWP)		3						
CO ₂ equivalent	t	0.0018		0.0027	0.0039			
Permissible operating pressure	bar	31.5						
Compressor type		Rotary piston			Scroll compressor			
Compressor oil type		Specific polyalkylene glycol (PAG)						
Compressor, control		Electronic						
Noise emissions, heating mode								
Sound power, EN 12102, EN 14511 LWA, A7/W35	dB(A)	48		49	51			
Sound power, EN 12102, EN 14511 LWA, A7/W55	dB(A)	48		49	51			
Efficiency								
Energy efficiency class 35°C	(A+++ to F)	A++	A+++					
Energy efficiency class 55°C	(A+++ to F)	A+	A++					
Combination with uniTOWER								
Energy efficiency class	(A+++ to F)	A+		A++				
Energy efficiency class, hot water	(A+ to F)	A		A				