

## TECHNICAL DATA

	<b>Octopus™ IS®</b>	<b>Items</b>	<b>IS 61</b>	<b>IS 81</b>	<b>IS 120</b>
	Maximum heat power	kWt	10	20	30
	General heat power	kWt	15-20	20-30	30-40
	Max temperature of heat transfer medium	°C	55		
	Annual heat production	kWt/p	25 000-35 000	25 000-50 000	65 000-95 000
	Fuse	A	10	16	25
	Refrigerant, R290/404	kg	1,150/2,00	1,650/3,00	2,00/4,00
	Average coefficient, COP		3,52		
Compressor	Compressor, type		Scroll (Danfoss)		
	Energy consumption of compressor	kWt	2-4	2,5-5	5,5-9
	Compressor power supply	V	380		
	Noise level (indoor module)	dB(A)	45		
Evaporator	Evaporator, Ice Stick	pcs	1	2	3
	Evaporator, profiles	pcs	14	2x12	3x12
	Evaporator, surface	m <sup>2</sup>	53	106	159
	Evaporator, dimensional specifications (W/D/H)	mm	1050x850x2250	2x (1050x850x2250)	3x (1050x850x2250)
	Evaporator, Ice - Stick, weight	kg	97	194	291
Indoor module	Indoor module	pcs	1		
	Indoor module dimensional specifications (W/D/H)	mm	520x590x850		
	Indoor module, weight	kg	92	102	120
	Hydraulic water circuit resistance of heat exchanger	kPa	20		
	In-built radiator capacity	kWt	6...9	9...12	9...12
	Power supply	V	380		
	Pressure, min/max	bar	0,5/28		
	Diameter of refrigerant supply pipe	”	3/8”	1/2”	
	Diameter of refrigerant return pipe	”	7/8”	1’ 1/8”	
Diameter of water loop connection	”	G1”			