

				CHYHBH05AFV32	CHYHBH05AAV32	CHYHBH08AFV32	CHYHBH08AAV32
Power input	Nom.		kW	0.075 (1)	0.075 (1)	0.075 (1)	0.075 (1)
Casing	Colour			White	White	White	White
	Material			Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	Precoated sheet metal
Dimensions	Unit	Height	mm	902	902	902	902
		Width	mm	450	450	450	450
		Depth	mm	164	164	164	164
	Packed unit	Height	mm	1,240	1,240	1,240	1,240
		Width	mm	528	528	528	528
		Depth	mm	262	262	262	262
Weight	Unit		kg	30.0	30.0	30.0	30.0
	Packed unit		kg	33.0	33.0	33.0	33.0
Packing	Material			Carton, EPS, PP (Straps)	Carton, EPS, PP (Straps)	Carton, EPS, PP (Straps)	Carton, EPS, PP (Straps)
	Weight		kg	3	3	3	3
PED	Category			Art3§3, Excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	Art3§3, Excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	Art3§3, Excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	Art3§3, Excluded from scope of PED due to article 1, item 3.6 of 97/23/EC
Pump	Type			DC motor	DC motor	DC motor	DC motor
	Nr of speeds			Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
	Nominal ESP unit	Heating	kPa	51.8 (2), 55.7 (3)	51.8 (2), 55.7 (3)	51.8 (2), 55.7 (3)	51.8 (2), 55.7 (3)
	Power input		W	45	45	45	45
Water side Heat exchanger	Type			Brazed plate	Brazed plate	Brazed plate	Brazed plate
	Quantity			1	1	1	1
	Water volume		l	0.90	0.90	0.90	0.90
	Water flow rate		Min.	l/min	9.0 (4)	9.0 (4)	9.0 (4)
		Heating	Nom.	l/min	12.6 (2), 11.6 (3)	12.6 (2), 11.6 (3)	12.6 (2), 11.6 (3)
			Max.	l/min	23.0 (5)	23.0 (5)	23.0 (5)
	Insulation material			Elastomeric foam	Elastomeric foam	Elastomeric foam	Elastomeric foam
Expansion vessel	Volume		l	10	10	10	10
	Max. water pressure		bar	3	3	3	3
	Pre pressure		bar	1	1	1	1
Water filter	Diameter perforations		mm	1.0	1.0	1.0	1.0
	Material			Copper - brass - stainless steel	Copper - brass - stainless steel	Copper - brass - stainless steel	Copper - brass - stainless steel
Water circuit	Piping connections diameter		mm	22	22	22	22
	Safety valve		bar	3	3	3	3
	Manometer			No	No	No	No
	Drain valve / fill valve			No	No	No	No
	Shut off valve			No	No	No	No
	Air purge valve			Yes	Yes	Yes	Yes
Refrigerant circuit	Gas side diameter		mm	15.9	15.9	15.9	15.9
	Liquid side diameter		mm	6.35	6.35	6.35	6.35
Sound power level	Nom.		dBA	42 (6)	42 (6)	42 (6)	42 (6)
Operation range	Heating	Ambient	Min.	°C	-15 (7)	-15 (7)	-15 (7)
			Max.	°C	24 (7)	24 (7)	24 (7)
		Water side	Min.	°C	25 (7)	25 (7)	25 (7)
			Max.	°C	50 (7)	50 (7)	50 (7)
Power supply	Name			V3	V3	V3	V3
	Phase			1~	1~	1~	1~
	Frequency		Hz	50	50	50	50
	Voltage		V	230	230	230	230
	Voltage range		Min.	%	10	10	10
			Max.	%	10	10	10
Wiring connections	Communication cable	Quantity		4G	4G	4G	4G
		Type of wires		1,5mm²	1,5mm²	1,5mm²	1,5mm²
	Domestic hot water pump	Quantity		2	2	2	2
		Remark		Minimum 0.75 mm² (2A inrush, 1A continuous)	Minimum 0.75 mm² (2A inrush, 1A continuous)	Minimum 0.75 mm² (2A inrush, 1A continuous)	Minimum 0.75 mm² (2A inrush, 1A continuous)
	For connection with R5T	Quantity		Wire included in option EKHWP*	Wire included in option EKHWP*	Wire included in option EKHWP*	Wire included in option EKHWP*
		Remark		Wire included in option EKHWP*	Wire included in option EKHWP*	Wire included in option EKHWP*	Wire included in option EKHWP*
	For connection with R6T	Quantity		2	2	2	2
		Remark		Minimum 0.75 mm²	Minimum 0.75 mm²	Minimum 0.75 mm²	Minimum 0.75 mm²
	For connection with A3P	Quantity		Depends on thermostat type, cf. installation manual	Depends on thermostat type, cf. installation manual	Depends on thermostat type, cf. installation manual	Depends on thermostat type, cf. installation manual
		Remark		Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²
	For connection with M2S	Quantity		2	2	2	2
		Remark		Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²
	For connection with M3S	Quantity		3	3	3	3
		Remark		Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²	Select diameter & type according to national & local regulations, Voltage: 230V / Max. current: 100mA / Min. 0.75mm²
	For connection with user interface	Quantity		2	2	2	2
		Remark		0.75 mm² till 1.25 mm²	0.75 mm² till 1.25 mm²	0.75 mm² till 1.25 mm²	0.75 mm² till 1.25 mm²