

INDOOR UNIT (HYDROBOX)

NEW

GSH-IRAD

FEATURES

- Compact and modern design
- Adopts high efficiency plate heat exchanger
- User friendly control panel
- Easy installation and maintenance
- Safe and reliable
- 5 years warranty



TCGSH - INDOOR TEMPERATURE SENSOR (OPTIONAL)



Model			GSH-IRAD
Power supply		V / Ph / Hz	380-415 / 3 / 50
Connecting pipe (refrigerant)	Gas	inch / mm	3/8" / 16,0
	Liquid	inch / mm	3/8" / 9,5
Connecting pipe (water)	Water inlet	inch	G1
	Water outlet	inch	G1
Safety valve		Bar	2,5
Leaving Water Temperature	Cooling (Fan coil unit)	°C	7~25
	Cooling (Floor cooling)	°C	18~25
	Heating (Fan coil unit)	°C	25~55 (High Temperature Cycle)
	Heating (Floor heating)	°C	25~45 (Low Temperature Cycle)
Main components	Pump	Type	-
		Speed	-
		Power input	W
	Expansion Vessel	Volume	l
		Water Pressure (Max)	Bar
		Water Pressure (Pre)	Bar
	Electric heater	Operation	-
		Capacity	kW
		Combination	-
		Power input	V / Ph / Hz
	Heat Exchanger	Type	-
		Quantity	-
Sound Pressure Level		dB (A)	42
Dimensions	Outline (W x D x H)	mm	570 x 650 x 300
	Packaged (W x D x H)	mm	610 x 1010 x 430
Weight	Net	kg	64
	Gross	kg	65
Indoor temperature sensor (optional)		-	TCGSH

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.
Contains fluorinated greenhouse gases covered by the Kyoto Protocol. R410A (50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088.

OUTDOOR UNITS

NEW

GSH-70ERAD
GSH-90ERAD
GSH-110ERAD
GSH-130ERAD

FEATURES

- High efficiency and energy saving
- Comfortable
- Intelligent control
- PFC control technology
- BLDC motor control technology
- 5 years warranty



Model				GSH-70ERAD		GSH-90ERAD		GSH-110ERAD		GSH-130ERAD		
Voltage / Frequency				V / Ph / Hz		220-240 / 1 / 50				380-415 / 3 / 50		
Temperature conditions: ambient air / outlet water (°C)	A7 / W35	Heating Capacity	kW	6,65		8,53		10,50		13,49		
		Power Input	kW	1,60		1,99		2,49		3,22		
		COP	-	4,15		4,27		4,22		4,19		
	A2 / W35	Heating Capacity	kW	4,92		6,88		8,30		9,09		
		Power Input	kW	1,46		2,02		2,51		2,75		
		COP	-	3,38		3,41		3,31		3,31		
	A-7 / W35	Heating Capacity	kW	3,90		5,20		7,20		8,20		
		Power Input	kW	1,70		2,36		2,88		3,73		
		COP	-	2,30		2,20		2,50		2,20		
Technical parameters	Sound pressure level	Max	dB (A)	53				70				
	Energy class	Space heating (55 °C / 35 °C)		A+ / A++		A+ / A++		A+ / A+		A+ / A+		
		Water heating		A		A		A		A		
	Refrigerant	Type		R410A								
		Charge	kg / t Eq. CO ₂	3,5 / 7,3				5,3 / 11,1				
	Sanitary water temperature		°C	40-80								
	Outer diameter	Liquid pipe		inch / mm	3/8" / 9,5							
		Gas pipe		inch / mm	1/2" / 16,0							
	Dimensions (W x D x H)			mm	980 x 427 x 847				900 x 412 x 1345			
	Net weight			kg	85				126			
Operating range			°C					-20~45				

*Values were measured according to EN 14511-2:2012

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