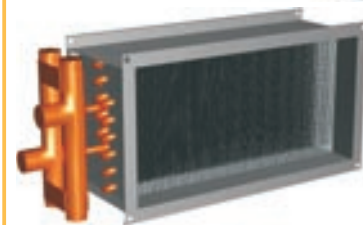




wall heating unit

We offer

Electric duct heaters



Water duct heaters



Portable electric heater

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**Distribution**



**Manufacturer**

2VV, spol. s r.o., Poděbradská 289, 530 09 Pardubice, Czech Republic

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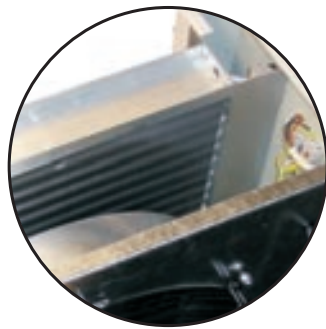
e-mail 2vv@2vv.cz

web www.2vv.cz

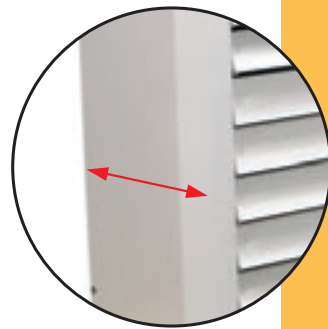




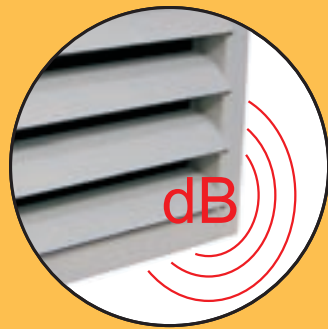
High heat output up to 90 kW



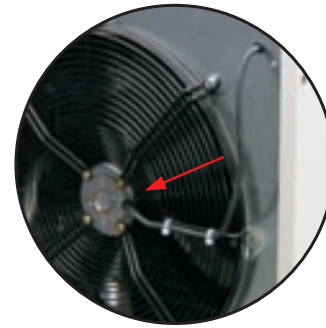
Easy access to the unit for service and cleaning



Shallow chamber for easy positioning



Low noise level increases the comfort of the ventilated space



Fan with self-lubricating bearings and built-in overheating protection ensure long service life and output up to 8950 m<sup>3</sup>/h



Adjustable hanger enables the routing of the air stream keeping maximum flow rate



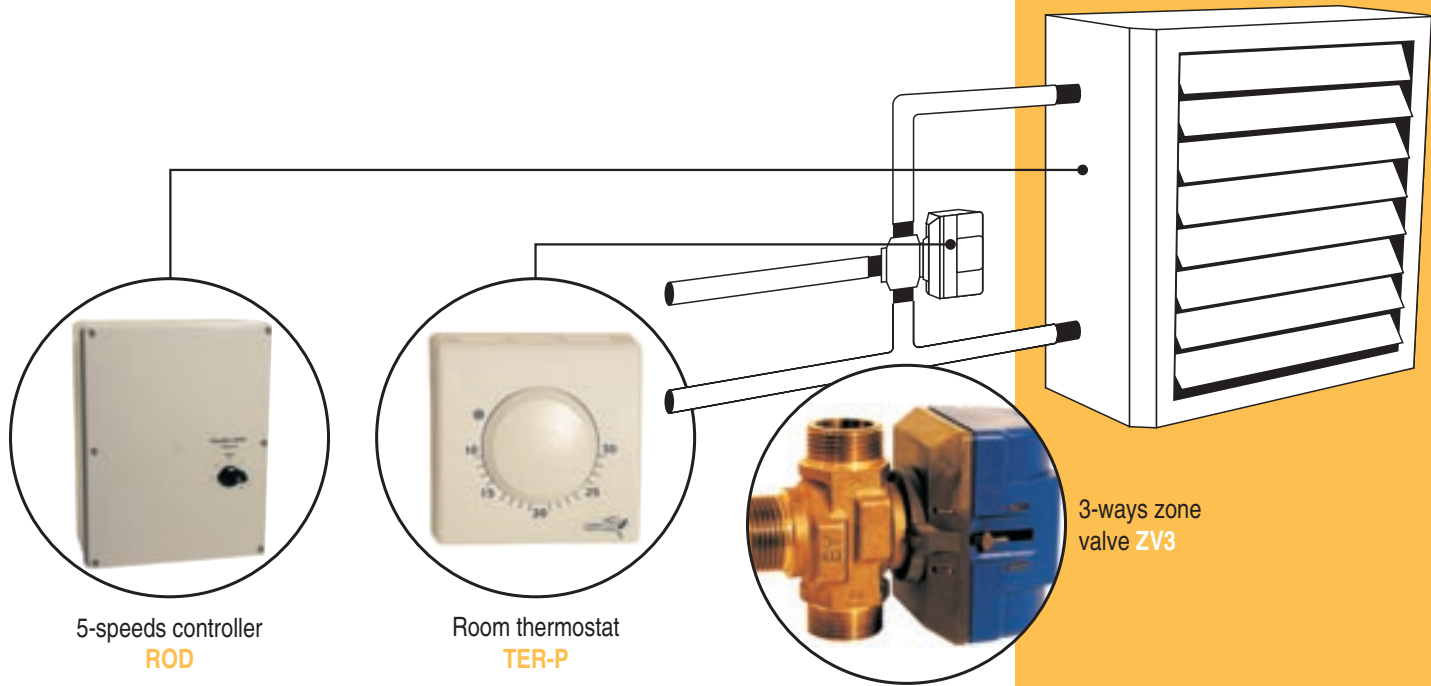
Variable vanes setting enable effective routing of air stream

## Use

Wall heating unit GOBI is currently offered with water heat exchanger. It has been designed for heating of air in big spaces, especially of big production and storage halls, selling halls, agricultural buildings, conference halls, exhibition and trade fair spaces, garages, etc.

## Construction

Casing of the unit is made from steel sheets painted on standard white RAL 9002 color. Water heat exchanger Cu/Al. The unit is equipped with powerful fan with self-lubricating bearings and built-in motor overheating protection. This ensures the trouble-free operation. Vanes of the unit can be set in wide range. Unit is easily accessible from upper side for service and cleaning.



5-speeds controller ROD

Room thermostat TER-P

3-ways zone valve ZV3

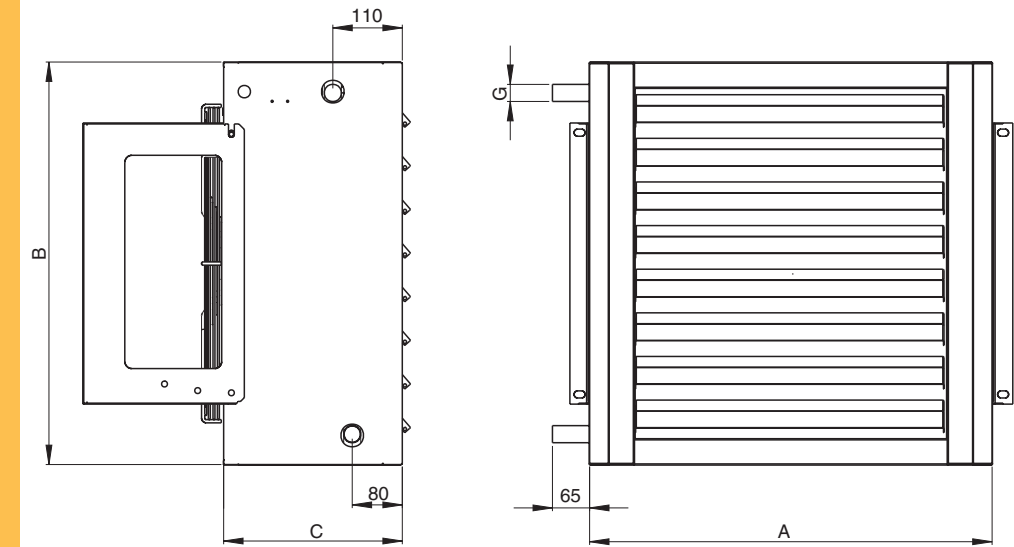
## Regulation

The unit GOBI has possibility to regulate air volume and heating capacity. The air volume is to be regulated by the 5-speeds controller (ROD). The heating capacity is to be regulated by the 3-ways valve with servodriven what is controlled by the room thermostat (TER-P). In case that the temperature in the room is lower than the requested temperature set on the room thermostat, the valve is open and the warm water flowing through the water exchanger inside the unit. If the requested temperature is reached, the valve is closed and the warm water is flowing through the shorted circuit outside the unit. The room thermostat can be regulated in the range from 0 to +30 °C.

## Advantages

- easy and effective regulation
- low investment costs
- low energy costs

## Parameters



type	voltage [V/Hz]	input [W]	motor current [A]	max. water temperature [°C]	max. press. [kPa]	noise level [dBA]	weight [kg]	outer connection dimensions G	A [mm]	B [mm]	C [mm]
GOBI 2000-3	230/50	130	0,58	100	1600	54	20	1/2"	504	504	277
GOBI 4000-1	230/50	245	1,1	100	1600	61	27	3/4"	624	624	277
GOBI 4000-3	400/50	285	0,53	100	1600	59	28	3/4"	624	624	277
GOBI 6000-3	400/50	550	1,20	100	1600	63	45	3/4"	774	774	355
GOBI 9000-3	400/50	736	1,80	100	1600	65	54	3/4"	854	854	355

type	air stream range [m]
GOBI 2000-3	10
GOBI 4000-1,3	14
GOBI 6000-3	20
GOBI 9000-3	20

type	output [m <sup>3</sup> /hod]	temperature of inlet air [°C]	water 80/60°C		water 90/70°C		water 70/50°C	
			P [kW]	t (output) [°C]	P [kW]	t (output) [°C]	P [kW]	t (output) [°C]
GOBI 2000-3	1950	-15	29,88	29,06	33,66	34,63	26,08	23,46
		-10	28,05	31,37	31,83	36,94	24,25	25,77
		0	24,4	35,99	28,18	41,56	20,6	30,38
		10	20,74	40,59	24,53	46,17	16,94	34,98
		15	18,92	42,9	22,7	48,48	15,1	37,27
GOBI 4000-1 4000-3	3850	-15	56,46	26,63	63,57	31,87	49,32	21,36
		-10	53,02	29,09	60,13	34,33	45,88	23,82
		0	46,14	34,02	53,25	39,26	38,99	28,75
		10	39,24	38,93	46,36	44,18	32,09	33,66
		15	35,79	41,39	42,91	46,64	28,62	36,1
GOBI 6000-3	6400	-15	93,7	26,87	105,44	32,11	81,92	21,6
		-10	88,02	29,33	99,75	34,57	76,24	24,07
		0	76,63	34,24	88,37	39,48	64,86	28,98
		10	65,25	39,15	76,98	44,4	53,43	33,87
		15	59,52	41,6	71,28	46,85	47,71	36,32
GOBI 9000-3	8950	-15	116,3	22,28	130,82	26,93	101,73	17,61
		-10	109,24	25,02	123,77	29,67	94,68	20,35
		0	95,13	30,49	109,66	35,15	80,56	25,82
		10	80,99	35,96	95,52	40,62	66,4	31,28
		15	73,91	38,69	88,45	43,35	59,28	34