

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	28,4	26,6	24,8	23,1	21,4
Dry bulb air outlet temperature [°C]	24,7	28,5	32,4	36,2	40
Water flow [m³/h]	0,84	0,78	0,73	0,68	0,63
Pressure drop in the heat exchanger [kPa]	4	4	5	4	4

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	21,4	19,7	18	16,4	14,7
Dry bulb air outlet temperature [°C]	18,6	22,4	26,2	30	33,8
Water flow [m³/h]	0,94	0,87	0,79	0,72	0,65
Pressure drop in the heat exchanger [kPa]	6	5	4	5	4

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	18,1	16,4	14,7	13,1	11,5
Dry bulb air outlet temperature [°C]	15,7	19,5	23,3	27	30,8
Water flow [m³/h]	0,79	0,72	0,65	0,58	0,51
Pressure drop in the heat exchanger [kPa]	4	5	4	3	3

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	14,7	13,1	11,5	9,90	8,37
Dry bulb air outlet temperature [°C]	12,8	16,6	20,3	24,1	27,8
Water flow [m³/h]	0,64	0,57	0,50	0,43	0,37
Pressure drop in the heat exchanger [kPa]	4	3	3	4	3

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	7,95	6,44	4,98	3,55	2,18
Dry bulb air outlet temperature [°C]	6,9	10,7	14,5	18,3	22,0
Water flow [m³/h]	0,35	0,28	0,22	0,15	0,09
Pressure drop in the heat exchanger [kPa]	3	2	4	4	1

Parameters	HC 20-3S-3 stage 3200 m3/h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	8,31	6,76	5,25	3,78	2,36
Dry bulb air outlet temperature [°C]	7,2	11	14,7	18,5	22,2
Water flow [m³/h]	0,72	0,59	0,45	0,33	0,20
Pressure drop in the heat exchanger [kPa]	5	4	5	3	4

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	34,9	32,7	30,6	28,4	26,3
Dry bulb air outlet temperature [°C]	31,4	34,9	38,4	41,9	45,4
Water flow [m³/h]	1,03	0,97	0,9	0,84	0,78
Pressure drop in the heat exchanger [kPa]	6	6	5	4	4

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	26,4	24,2	22,1	20,1	18,1
Dry bulb air outlet temperature [°C]	23,7	27,1	30,6	34	37,4
Water flow [m³/h]	1,16	1,07	0,98	0,89	0,8
Pressure drop in the heat exchanger [kPa]	7	7	6	5	4

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	22,2	20,1	18,1	16,1	14,2
Dry bulb air outlet temperature [°C]	19,9	23,4	26,8	30,2	33,6
Water flow [m³/h]	0,97	0,88	0,79	0,71	0,62
Pressure drop in the heat exchanger [kPa]	6	5	4	5	4

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	18	16	14	12,1	10,2
Dry bulb air outlet temperature [°C]	16,2	19,6	23,1	26,5	29,8
Water flow [m³/h]	0,79	0,7	0,61	0,53	0,45
Pressure drop in the heat exchanger [kPa]	4	5	4	3	4

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	9,68	7,82	6,0	4,25	2,58
Dry bulb air outlet temperature [°C]	8,7	12,1	15,6	19,0	22,5
Water flow [m³/h]	0,42	0,34	0,26	0,18	0,11
Pressure drop in the heat exchanger [kPa]	4	3	2	5	2

Parameters	HC 30-3S-3 stage 3100 m3/h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	10,2	8,27	6,4	4,58	2,84
Dry bulb air outlet temperature [°C]	9,1	12,6	16,0	19,3	22,7
Water flow [m³/h]	0,88	0,72	0,55	0,4	0,25
Pressure drop in the heat exchanger [kPa]	5	5	3	4	5

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	40,1	37,6	35,1	32,7	30,3
Dry bulb air outlet temperature [°C]	41,3	44,4	47,5	50,5	53,5
Water flow [m³/h]	1,18	1,11	1,04	0,97	0,89
Pressure drop in the heat exchanger [kPa]	3	4	4	3	3

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	30,3	27,9	25,5	23,2	20,9
Dry bulb air outlet temperature [°C]	31,2	34,2	37,2	40,2	43,1
Water flow [m³/h]	1,33	1,23	1,12	1,02	0,92
Pressure drop in the heat exchanger [kPa]	4	3	4	4	3

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	25,6	23,3	21	18,7	16,5
Dry bulb air outlet temperature [°C]	26,4	29,4	32,4	35,3	38,2
Water flow [m³/h]	1,13	1,02	0,92	0,82	0,72
Pressure drop in the heat exchanger [kPa]	4	4	3	2	4

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	21,0	18,7	16,4	14,2	12,1
Dry bulb air outlet temperature [°C]	21,6	24,6	27,6	30,5	33,4
Water flow [m³/h]	0,92	0,82	0,72	0,62	0,53
Pressure drop in the heat exchanger [kPa]	3	2	4	3	2

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	11,6	9,48	7,4	5,36	3,38
Dry bulb air outlet temperature [°C]	12,0	14,9	17,9	20,8	23,7
Water flow [m³/h]	0,50	0,41	0,32	0,23	0,15
Pressure drop in the heat exchanger [kPa]	2	3	2	4	3

Parameters	HC 35-3S-3 stage 2700 m3/h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	11,9	9,71	7,59	5,52	3,51
Dry bulb air outlet temperature [°C]	12,2	15,2	18,1	21,0	23,9
Water flow [m³/h]	1,03	0,84	0,66	0,48	0,30
Pressure drop in the heat exchanger [kPa]	4	3	3	2	2

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	55,6	52,1	48,8	45,6	42,4
Dry bulb air outlet temperature [°C]	61,8	64,1	66,3	68,5	70,7
Water flow [m ³ /h]	1,64	1,54	1,44	1,35	1,25
Pressure drop in the heat exchanger [kPa]	16	16	15	13	11

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	42,0	38,8	35,6	32,5	29,5
Dry bulb air outlet temperature [°C]	46,7	48,9	51,1	53,2	55,2
Water flow [m ³ /h]	1,85	1,71	1,57	1,43	1,3
Pressure drop in the heat exchanger [kPa]	21	18	16	15	12

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	36,2	33,0	29,9	26,9	24,0
Dry bulb air outlet temperature [°C]	40,3	42,4	44,5	46,6	48,6
Water flow [m ³ /h]	1,59	1,45	1,31	1,18	1,05
Pressure drop in the heat exchanger [kPa]	17	16	13	11	10

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	30,3	27,2	24,2	21,2	18,3
Dry bulb air outlet temperature [°C]	33,7	35,8	37,9	39,9	41,9
Water flow [m ³ /h]	1,33	1,19	1,06	0,93	0,8
Pressure drop in the heat exchanger [kPa]	14	11	10	8	6

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	18,4	15,4	12,5	9,65	6,78
Dry bulb air outlet temperature [°C]	20,4	22,5	24,4	26,3	28,1
Water flow [m ³ /h]	0,8	0,67	0,54	0,42	0,29
Pressure drop in the heat exchanger [kPa]	7	6	4	5	2

Parameters	HC 45-3S-3 stage 2500 m ³ /h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	17,4	14,4	11,6	8,78	6,02
Dry bulb air outlet temperature [°C]	19,3	21,3	23,4	25,3	27,2
Water flow [m ³ /h]	1,5	1,25	1,0	0,76	0,52
Pressure drop in the heat exchanger [kPa]	18	13	10	8	4

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	58,5	54,9	51,5	48,1	44,7
Dry bulb air outlet temperature [°C]	40,7	43,9	47,1	50,3	53,4
Water flow [m ³ /h]	1,73	1,62	1,52	1,42	1,32
Pressure drop in the heat exchanger [kPa]	7	7	8	7	6

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	44,3	40,9	37,6	34,3	31,1
Dry bulb air outlet temperature [°C]	30,8	33,9	37,1	40,2	43,2
Water flow [m ³ /h]	1,95	1,80	1,66	1,51	1,37
Pressure drop in the heat exchanger [kPa]	10	8	7	8	7

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	38,0	34,7	31,5	28,3	25,2
Dry bulb air outlet temperature [°C]	26,5	29,6	32,7	35,7	38,8
Water flow [m ³ /h]	1,67	1,52	1,38	1,24	1,11
Pressure drop in the heat exchanger [kPa]	8	8	7	6	6

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	31,8	28,5	25,3	22,2	19,1
Dry bulb air outlet temperature [°C]	22,1	25,2	28,3	31,3	34,3
Water flow [m ³ /h]	1,39	1,25	1,11	0,97	0,84
Pressure drop in the heat exchanger [kPa]	7	6	6	5	4

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	19,1	16,0	12,9	9,92	6,92
Dry bulb air outlet temperature [°C]	13,3	16,3	19,3	22,3	25,2
Water flow [m ³ /h]	0,83	0,69	0,56	0,43	0,30
Pressure drop in the heat exchanger [kPa]	4	4	3	4	2

Parameters	HC 50-3S-3 stage 4000 m ³ /h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	18,2	15,1	12,1	9,15	6,23
Dry bulb air outlet temperature [°C]	12,7	15,7	18,7	21,7	24,6
Water flow [m ³ /h]	1,58	1,31	1,05	0,79	0,54
Pressure drop in the heat exchanger [kPa]	8	7	6	4	3

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	120/90				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	80,1	75,2	70,5	65,8	61,2
Dry bulb air outlet temperature [°C]	65,6	67,7	69,8	71,8	73,7
Water flow [m ³ /h]	2,37	2,22	2,08	1,94	1,81
Pressure drop in the heat exchanger [kPa]	7	7	6	5	5

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	90/70				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	60,6	55,9	51,4	46,9	42,6
Dry bulb air outlet temperature [°C]	49,6	51,6	53,6	55,5	57,4
Water flow [m ³ /h]	2,67	2,46	2,26	2,07	1,88
Pressure drop in the heat exchanger [kPa]	8	8	7	6	5

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	80/60				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	52,2	47,6	43,2	38,8	34,6
Dry bulb air outlet temperature [°C]	42,7	44,7	46,7	48,5	50,4
Water flow [m ³ /h]	2,29	2,09	1,90	1,71	1,52
Pressure drop in the heat exchanger [kPa]	7	6	5	4	5

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	70/50				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	43,8	39,3	35,0	30,7	26,6
Dry bulb air outlet temperature [°C]	35,8	37,8	39,7	41,5	43,3
Water flow [m ³ /h]	1,92	1,72	1,53	1,34	1,16
Pressure drop in the heat exchanger [kPa]	5	5	5	4	3

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	50/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	26,7	22,4	18,3	14,1	9,94
Dry bulb air outlet temperature [°C]	21,9	23,7	25,5	27,1	28,7
Water flow [m ³ /h]	1,16	0,97	0,79	0,61	0,43
Pressure drop in the heat exchanger [kPa]	3	4	3	3	4

Parameters	HC 70-3S-3 stage 3400 m ³ /h				
Supply/return water temperature [°C]	40/30				
Dry bulb air inlet temperature [°C]	0	5	10	15	20
Heating capacity [kW]	25,1	20,9	16,8	12,7	8,78
Dry bulb air outlet temperature [°C]	20,5	22,4	24,2	26,0	27,7
Water flow [m ³ /h]	2,17	1,81	1,45	1,1	0,76
Pressure drop in the heat exchanger [kPa]	7	5	5	5	4