

DHCW

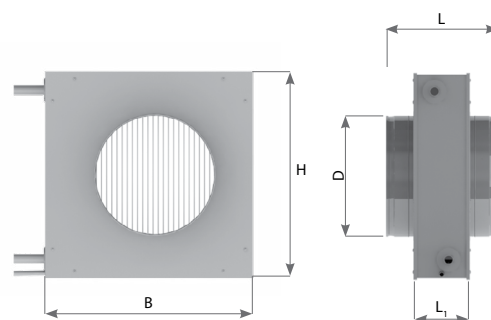
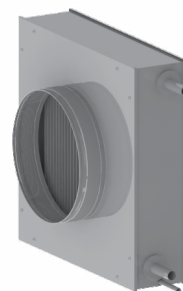
DUCT MOUNTED AIR HEATER-COOLER

Construction:

- galvanized steel housing,
- copper tubes for transferring heating medium (water),
- the standard distance between aluminum plates is 3 mm,
- anti-condensation coating and drainage.

Limitations:

- the maximum working pressure is 10 bar,
- the maximum/minimum water temperature is -21/+130 °C,
- maximum air flow velocity through the heater is 3 m/s.



Model	Air flow, m³/h	Water temperature 7/12 °C				Water temperature 80/60 °C			
		Cooling power, kW	Air temperature to / from, °C	Differential pressure, Pa	Hydraulic pressure loss, kPa	Heating power, kW	Air temperature to / from, °C	Differential pressure, Pa	Hydraulic pressure loss, kPa
DHCW-125	250	0,8	26/18	21	2,5	1	10/22	19	1
DHCW-160	400	1,3	26/18	48	6,7	1,6	10/22	46	1
DHCW-160M	400	2,4	30/18	86	6	1,6	10/22	80	1
DHCW-200	700	2,3	26/18	89	24,8	2,8	10/22	87	2,4
DHCW-200M	700	3,1	30/18	139	14,7	3,4	10/30	132	1,2
DHCW-250	900	3,1	26/18	56	22	3,6	10/22	53	2,1
DHCW-315	1200	3,8	26/18	46	5,7	4,9	10/22	44	1
DHCW-315M¹	1200	11,3	32/16	53	36,8	8,1	10/30	47	1,2
DHCW-355	1600	5,2	26/18	31	10,9	6,5	10/22	28	1,1

Model	Dimensions, mm					Connection diameter, mm (")	Code	Weight, kg
	D	B	H	L ₁	L			
DHCW-125	125	350	330	164	280	15 (½")	712255603	11,3
DHCW-160	160	350	330	164	285	15 (½")	712200045	11,1
DHCW-160M	160	390	330	205	320	15 (½")	1009590	23,4
DHCW-200	200	380	360	164	285	15 (½")	712200049	12,4
DHCW-200M	200	380	360	264	385	15 (½")	1009557	28,4
DHCW-250	250	440	420	164	285	15 (½")	712200046	15,4
DHCW-315	315	567	510	164	285	15 (½")	712200047	21,6
DHCW-315M¹	315	565	510	205	325	15 (½")	1008320	16,2
DHCW-355	355	620	600	164	325	15 (½")	712200080	25,4

¹ Increased heating capacity.