

Technical

MODEL Aeris range		25	50	100	150	200
Nominal air volume	m ³ /s	0.25	0.5	1	1.5	2
Maximum 1)	kg/h	14	27	54	81	108
Dehumidification 2)	kg/h	5	10	20	30	40
effect kg/hr 3)	kg/h	12	24	47	71	94
Supply fan motor	kW	0.25	1.25	1.25	1.85	2.4
Sound power level	dBA	75	73	78	83	83
External resistance	Pa	60	100	100	100	100
Specific fan power	w/l/s	0.8	0.9	0.85	0.83	0.68
Maximum external resistance	Pa	200	300	300	300	300
Return fan motor	kW	0.25	1.25	1.25	1.85	2.4
Sound power level	dBA	71	65	71	76	76
External resistance	Pa	60	100	100	100	100
Specific fan power	w/l/s	0.62	0.6	0.6	0.68	0.54
Maximum external resistance	Pa	200	300	300	300	300
Recuperator nominal	Eff%	70	70	73.4	73.5	70.4
LT.LPHW Coil duty	kW	7.7	15	31	46	62
LT.LPHW flow rate	l/s	0.09	0.19	0.374	0.561	0.747
LT.LPHW pressure drop	kPa	5	12	15	20	17
Max fabric loss capacity	kW	3.1	11	21.5	30.8	42.5
Power consumption	kW	0.5	0.74	1.6	2.3	2.5
Nominal power consumption	kW	0.18	0.23	0.38	0.54	0.63
Full load current (single phase)	Amps	1.6	3.6	7.5	N/A	N/A
Full load current (three phase)	Amps	N/A	N/A	N/A	3.75	3.7

1) Winter fresh air at 0 °C 100% RH Pool hall condition 30 °C 60% RH

2) Summer fresh air at 28 °C 47% RH Pool hall condition 30 °C 60% RH

3) Average fresh air at 8 °C 80% RH Pool hall condition 30 °C 60% RH