

# HB5000 Performance Curve



HB 5000		500	1000	1500	2000	2500	3000
Volume Qs [m³/h]	Qs,20(kPa)	709.00	1777.00	2829.00	3873.00	4908.00	5935.00
	Qs,30	619.00	1703.00	2760.00	3806.00	4843.00	5871.00
	Qs,40	521.00	1639.00	2700.00	3748.00	4787.00	5816.00
	Qs,50		1579.00	2647.00	3697.00	4737.00	5767.00
	Qs,60		1521.00	2596.00	3650.00	4691.00	5722.00
	Qs,70		1463.00	2548.00	3605.00	4648.00	5680.00
	Qs,80		1402.00	2501.00	3562.00	4606.00	5639.00
	Qs,90			2454.00	3519.00	4566.00	5600.00
	Qs,100			2407.00	3478.00	4527.00	5563.00
	Power blower Pe [kW]	Pe,20(kPa)	6.40	13.20	20.90	29.30	38.80
Pe,30		9.70	19.40	30.10	41.70	54.30	68.10
Pe,40		13.80	25.70	39.40	54.10	69.90	87.00
Pe,50			32.10	48.80	66.60	85.60	105.90
Pe,60			38.70	58.30	79.20	101.40	124.90
Pe,70			45.60	67.90	91.90	117.20	144.00
Pe,80			53.00	77.70	104.70	133.20	163.00
Pe,90				87.70	117.60	149.20	182.50
Pe,100				97.90	130.70	165.40	202.00
Temperature air in outlet ta [°C]		ta,20(kPa)	46.60	42.10	41.70	42.00	42.50
	ta,30	65.10	53.80	52.20	52.00	52.40	52.90
	ta,40	90.90	66.20	63.00	62.30	62.30	62.80
	ta,50		79.50	74.30	72.80	72.50	72.70
	ta,60		93.70	85.90	83.50	82.80	82.80
	ta,70		109.10	97.90	94.50	93.30	93.10
	ta,80		125.90	110.30	105.70	104.00	103.40
	ta,90			123.20	117.20	114.80	113.90
	ta,100			136.60	128.90	125.80	124.50

