



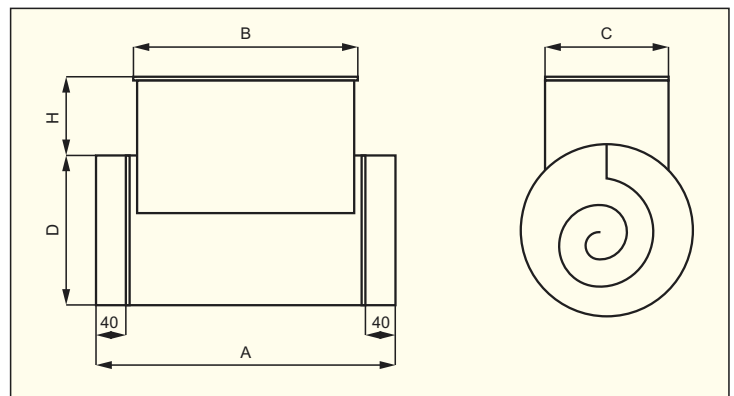
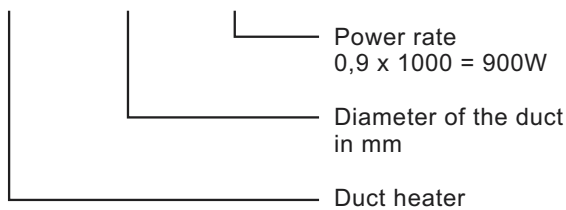
Construction

Duct heaters designed for installation directly in ventilation ducts (Ø100 to 315mm). Casing in welded steel sheet, powder coated. The heating elements are designed in stainless material (SS2337). Duct heaters should not be dimensioned for higher outlet temperature than 40°C. The air speed through the heaters should not be lower than 1,5m/s.

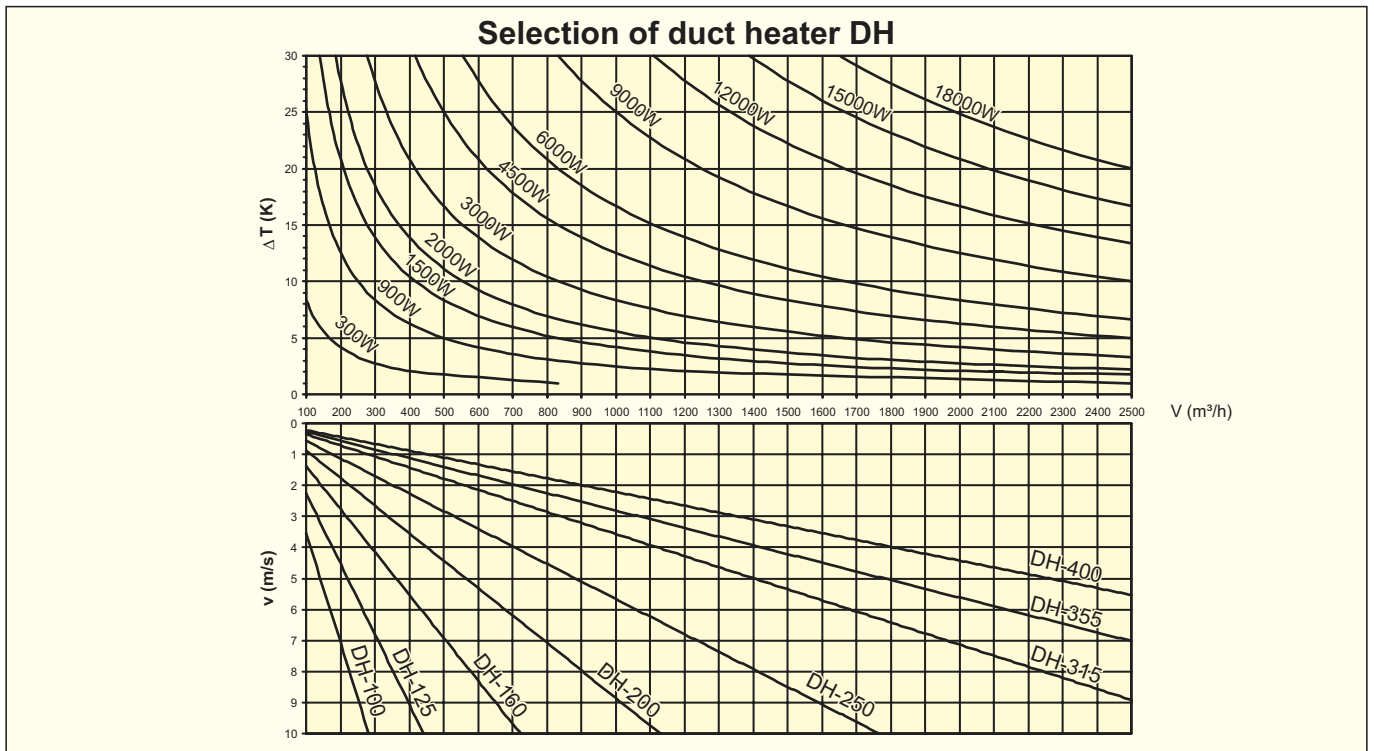
Wiring diagram, see page 180, 181.

Model numbering system

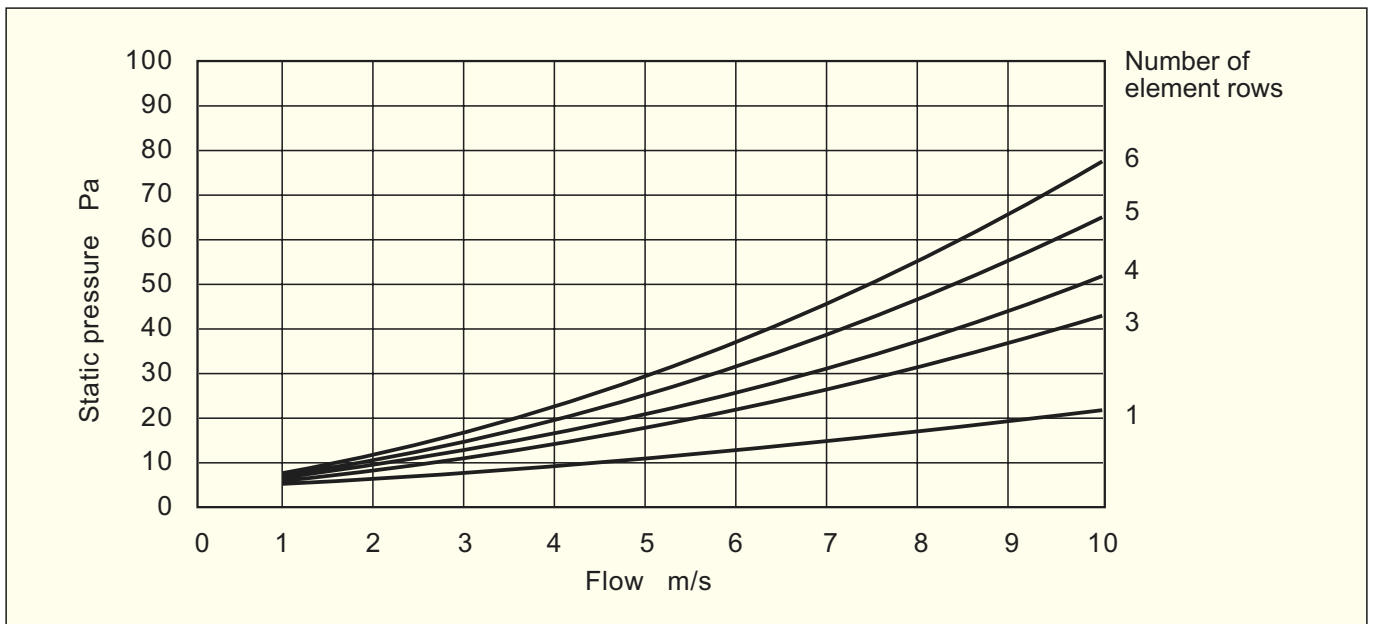
DH - 125 / 09



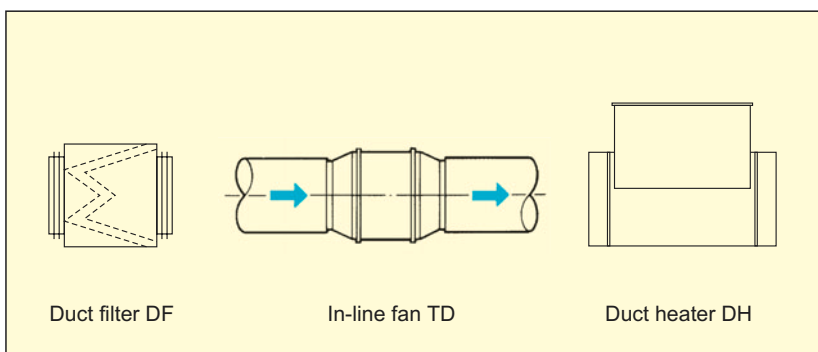
Type	Motor power kW	Voltage V	Dimensions in mm					Number of element rows	Article number
			A	B	C	D	H		
DH-100/03	0,3	230	380	280	98	100	105	1 x 300W	113 981 100
DH-125/09	0,9	230	380	280	105	125	105	3 x 300W	113 981 150
DH-160/15	1,5	230	380	280	135	160	105	3 x 500W	113 981 200
DH-160/20	2,0	230	380	280	135	160	105	4 x 500W	113 981 250
DH-200/20	2,0	230	400	300	165	200	105	4 x 500W	113 981 300
DH-200/30	3,0	230	400	300	165	200	105	3 x 1000W	113 981 330
DH-200/45	4,5	400	400	300	165	200	105	3 x 1500W	113 981 350
DH-200/60	6,0	400	400	300	165	200	105	3 x 2000W	113 981 360
DH-250/30	3,0	400	400	300	195	250	75	3 x 1000W	113 981 430
DH-250/45	4,5	400	400	300	195	250	75	3 x 1500W	113 981 450
DH-250/60	6,0	400	400	300	195	250	75	3 x 2000W	113 981 460
DH-250/90	9,0	400	400	300	195	250	75	6 x 1500W	113 981 490
DH-315/30	3,0	400	400	300	230	315	75	3 x 1000W	113 981 530
DH-315/45	4,5	400	400	300	230	315	75	3 x 1500W	113 981 550
DH-315/60	6,0	400	400	300	230	315	75	3 x 2000W	113 981 560
DH-315/90	9,0	400	400	300	230	315	75	6 x 1500W	113 981 590
DH-315/120	12,0	400	400	300	230	315	75	6 x 2000W	113 981 592
DH-355/60	6,0	400	440	340	230	355	75	3 x 2000W	113 981 660
DH-355/90	9,0	400	440	340	230	355	75	3 x 3000W	113 981 690
DH-355/120	12,0	400	440	340	230	355	75	4 x 3000W	113 981 692
DH-400/80	8,0	400	440	340	230	400	75	4 x 2000W	113 981 780
DH-400/120	12,0	400	440	340	230	400	75	4 x 3000W	113 981 792
DH-400/150	15,0	400	440	340	230	400	75	5 x 3000W	113 981 795



Loss of air pressure through duct heater DH



Recommended assembly



Calculation of power requirement

$$P = Q \cdot 0,36 \cdot \Delta T$$

P - Power [W]

Q - Flow [m³/h]

ΔT - rise in temperature [C]