

Goedhart DVS-p

Industrial air cooler for cooling and working rooms
Cu/Al - Plain tubes

R404A - CO_2



Goedhart DVS-p

The Goedhart DVS range of dual discharge ceiling mounted air coolers consists of 240 types with capacities between 1,5 and 147,4 kW. The aircoolers are especially suitable for cooling and working room applications. The height of the aircooler is low, so the maximum space in the chill room can be utilised. The coil block is standard build from aluminium end plates, copper tubes and aluminium fins. The fans are arranged for blow-through or draw-through air configuration (please state which is required when ordering).The modular design incorporates 5 different sizes of fan, with model options of up to 6 fans per cooler. The fans are mounted to the outside of the air cooler. The fans are as standard not wired on a junction box to the connection side. Wiring is available against an extra price.

Type description

Goedhart DVS-p 66457

- Plain tubes
- Number of rows deep
- Number of fans
- Fan diameter [cm]
- Fin spacing [mm]

Coil execution

- Tube pitch : 50x50 mm straight
- Fin spacings : 4, 7, 10 mm
- Material : 15 mm o.d. copper tubes
- : aluminium HT-fins
- Goedhart DVS coil blocks have copper tubes mechanically expanded into fully collared aluminium fins, providing excellent thermal contact. All evaporator coils are pressure tested to 30 bars (lower by coolants) and supplied with a light overpressure charge.
- The coolers are suitable for the most commonly used refrigerants/coolants with the exception of NH3.

Casing

- Construction for ceiling mounting
- Casing material of galvanized sheet steel
- Finishing is standard white epoxy spray (RAL 9003)
- Bend/header protection by end covers, easy removed for maintenance
- 2 Hinged drip trays underneath each coil block.
- Defrost by hot gas spiral or electric defrost elements will be fixed to the bottom side of the coil.
- Stainless steel fasteners

Capacity

The listed nominal cooling capacities are based on R404A, DT1, RH of 85% and 4 pole 3 phase fans connected in Δ.

Influence of coating on the capacity
The use of coated fins, or of a fully coated coil will result in a capacity decrease of approximately 3%

Capacity optimisation
Since Goedhart tries to limit stock products, we are capable of optimising the circuitry of our evaporators. In order to do this, the following information is needed :

- Design capacity
- Air volume
- Refrigerant
- Air on temperature
- Evaporating temperature
- Liquid temperature before expansion valve.

Sound data

The mean sound pressure (LpA @ 3m ± 2 dB (A)) each air cooler is a calculated indication value according to the EN13487 standard parallel pipe. Goedhart uses the fan manufacturer's sound power level (LwA) at the inlet side of the fan. Changes to or by the fan or the product, affect the sound, in these cases, consult the manufacturer for the new indication value. In critical sound requirements, we advise you to consult an expert.

Defrost systems

For room temperatures where ice-build up can be expected and where the coil can not be defrosted by the room air, electric or hot gas defrost is necessary

Electrical defrost
On request Goedhart DVS can be provided with electrical defrost. The stainless steel heating elements are fitted in the coil block within aluminium tubes, which forms a highly conductive medium between the heaters and the fins. In the drip tray heater elements are fitted to the underside of the aluminium inner tray. The elements are rated for 220/240 V and are connected (IP55) for 380/415 V (with neutral) supply. The heater elements in the coil block are removable from the bend side, whilst the tray heater elements can be removed once the outer tray has been removed.

Hot gas defrost
The coil block is suited for hot gas defrost (hot gas supply through the suction header). The drip tray can be provided with a copper hot gas spiral. This is enclosed in aluminium profiles that are rigidly secured to the under side of the aluminium inner drip tray

Accessories:

Standard accessories for the Goedhart DVS aircoolers are:
- fans wired on a junction box to the connection side.
- electric, hotgas defrost system.
- insulation in the space between the inner and outer drip tray.
- insulated hygienic polyester drip tray.
- insulated fanplate
- hinged fan plate
- single phase motors

The accessories are included in the price list.

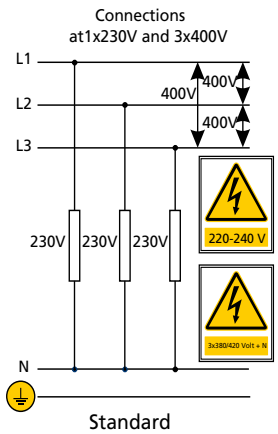
Optional extras:

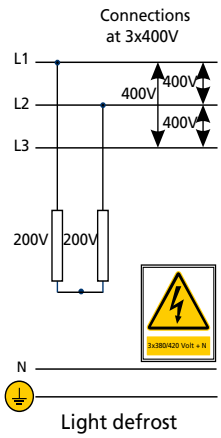
Various optional extras for the Goedhart DVS are available, price and delivery upon request:

- Insulation discs
- Feet for floor mounting
- Other fin spacings
- Sea water resistant fins
- Hinged fan plates
- 60 Hz motors
- EC-fans
- Single phase motors
- glycol/water/etc. cooling mediums
- stainless steel casing
- other fin spacings
- other fans (when external pressure is requested)

Mounting and Maintenance

Goedhart DVS is delivered on a wooden frame. When on the frame, Goedhart DVS can be handled by forklift truck, which makes positioning and installation simple. Refer to our maintenance and installation manual.









Fans

Because of the flexible construction of the Goedhart DVS air cooler, in principle it is possible to deliver with different fans. GEA Goedhart selected a standard fan range of Ziehl Abegg (we reserve the right to alter the manufacturer) which fit perfectly on the Goedhart DVS air coolers. The fans can be supplied in both blow-through and draw-through executions. The fans are mounted to the outside of the air cooler. The fans are as standard not wired (wiring is optional) on a junction box to the connection side. Against an extra price and with extra delivery times stainless steel guards and EC-fans are available.

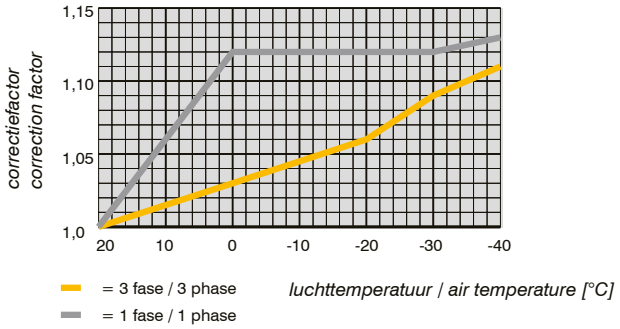
Execution

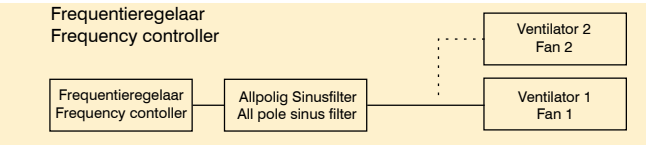
The fans meet the ErP directive. The fans have very good aerodynamic features because of the special impeller geometry. This special impeller geometry gives the fan a low noise level and an high efficiency.

1x230V fans are suitable for a room temperature till -25°C. 3x400V fans are suitable for a room temperature till -40°C. When lower room temperatures are desired, special fans are need.

Tension : 3x400V-50Hz-3 phase
: 1x230V-50Hz-1 phase
(60Hz execution on request)
Protection class : IP44 / IP54
Color : RAL9005 (black)
Speed controlling : - 3 Phase motors are suitable for 2-speed regulation by Δ-Y reconnection.
- 3 Phase motors are suitable for frequency controller with all-pole sinus filter.
- 1 Phase motors are suitable for phase control and transformator.

The motors are standard executed with a thermo contact (TB) and must be connected to prevent motor damages. The maximum allowable working data in the table and on the name plate of the fans are to operate in an air temperature of 20 °C (air density of ρ = 1,2 kg/m³). For air temperatures lower then +20 °C, the current amperage can be calculated by using the diagram multiplication factor, suitable thermal overloads can then be selected.





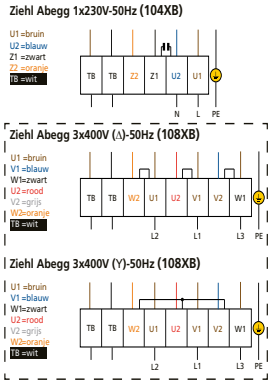
Three phase - 50 Hz

Fan type	Tension	Δ				Y				
		Speed	Input	FLC	Sound power indication each fan LwA (+/-2dB(A))	Seed	Input	FLC	Sound power indication each fan LwA (+/-2dB(A))	Wiring diagram blow-through/ draw-trhough
	V	min⁻¹	Watt	A	dB(A)	min⁻¹	Watt	A	dB(A)	
4 pole (n=1500 min⁻¹ nom.)										
FN040	3x400/690	1370	230	0.44	76	1110	170	0.27	70,5	108B/108A
FN045	3x400/690	1250	350	0.64	78	950	220	0.35	70	108B/108A
FN050	3x400/690	1330	830	1.45	81	940	550	0.97	75	108B/108A
FN056	3x400/690	1280	1050	2.20	85	920	580	1.10	76	108B/108A
FE063	3x400/690	1330	1450	2.60	89	1080	980	1.60	84	108B/108A
6 pole (n=1000 min⁻¹ nom.)										
FN045	3x400/690	860	180	0.39	67	640	100	0.19	61	108B/108A
FN050	3x400/690	870	290	0.74	72	590	150	0.36	64	108B/108A
FN056	3x400/690	870	340	0.70	73	630	210	0.38	65	108B/108A
FN063	3x400/690	900	630	1.25	74	720	440	0.73	69	108B/108A

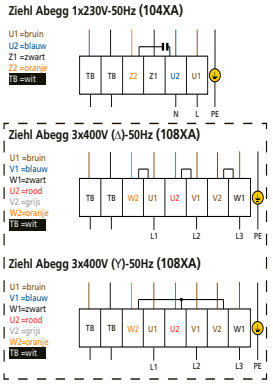
Single phase - 50 Hz

Fan type	Speed	Input	FLC	Sound power indication each fan LwA (+/-2dB(A))	Wiring diagram blow-through/ draw-trhough
	min⁻¹	Watt	A	dB(A)	
4 pole (n=1500 min⁻¹ nom.)					
FN040	1350	240	1.10	76	104B/104A
FN045	1290	390	1.75	80	104B/104A
FN050	1230	750	3.35	81,5	104B/104A
6 pole (n=1000 min⁻¹ nom.)					
FN040	950	130	0.58	68	104B/104A
FN045	860	180	0.82	68,5	104B/104A
FN050	910	300	1.30	71,5	104B/104A

Wiring diagram fans for blow-through air coolers



Wiring diagram fans for draw-through air coolers



Correction factors

Capacities at DT1:

Hereby the capacities are based on R404A direct expansion and DT1. DT1 is the difference between air-on temperature and the evaporation temperature of the cooler. The evaporation temperature is the saturated temperature corresponding to the pressure at the suction outlet of the cooler. The nominal capacities are based on evaporation temperatures of -8°C and DT1=8K and light frosting. Capacities for other mediums and systems are avalable upon request.

Correction factors for various air-on temperatures and temperature differences (DT1) are as indicated in the table below. The requested capacity must be multiplied by a correction factor from the table. so that a cooler with the resulting nominal capacity can be chosen from the selection tables.

Q nominal = factor x Q requested

R404A light frost = 0.2 mm RH = 85%

DT1	Evaporation temperature (°C)						
K	0	-2,5	-5	-7,5	-10	-12,5	-15
6	1.40	1.43	1.45	1.48	1.51	1.54	1.56
7	1.12	1.15	1.18	1.20	1.22	1.24	1.25
8	0.93	0.95	0.97	1.00	1.01	1.03	1.05
9	0.78	0.81	0.83	0.85	0.87	0.88	0.89
10	0.68	0.70	0.72	0.74	0.75	0.76	0.78
11	0.60	0.62	0.63	0.65			
Prices on request due to divergent circuits							

= calculated without frosting

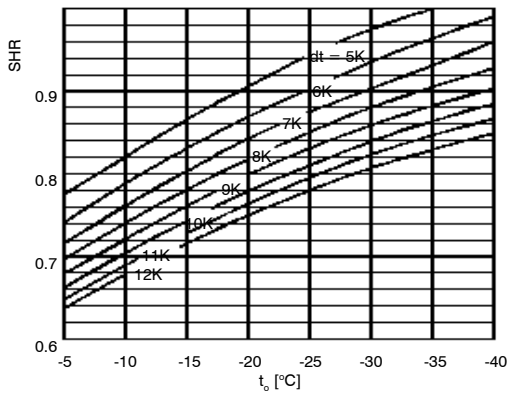
R404A normal frost = 0.5 mm RH= 85%

DT1	Evaporation temperature (°C)						
K	0	-2,5	-5	-7,5	-10	-12,5	-15
6		1.57	1.59	1.62	1.64	1.67	1.69
7		1.26	1.28	1.31	1.33	1.35	1.37
8		1.05	1.07	1.09	1.11	1.13	1.14
9			0.91	0.93	0.95	0.96	0.97
10			0.79	0.81	0.82	0.84	0.85
11			0.70	0.71	0.82	0.74	0.75
12			0.62	0.64	0.65		
Prices on request due to divergent circuits							

ATTENTION !!!

When making your selection, pay attention to the ratio between the airvolume and capacity. A low volume to capacity ratio results in a wide temperature drop across the coil which cause to dry out (especially on coils with a high number of rows deep).

The correction factors on this page have been calculated using a varying SHR (ratio of sensible heat load / total heat load). The chart left indicates the SHR values used in the calculations. in which dt is the difference between the air and evaporation temperatures. The SHR values have been based on entering air with a relative humidity of 85%.

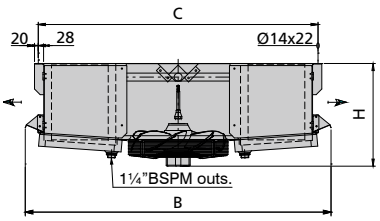


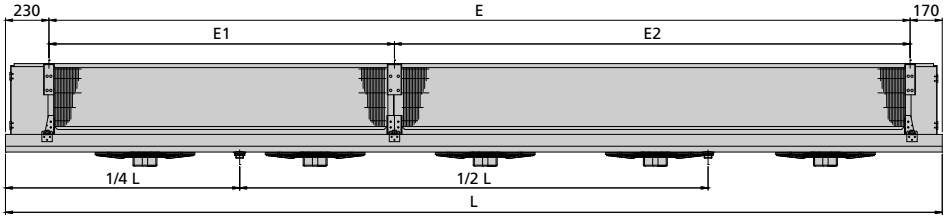
Example:

t_o= -10 °C and dt = 10 K resultant SHR value is 0.70
t_o= -10 °C and dt = 5 K resultant SHR value is 0.82
t_o= -30 °C and dt = 10 K resultant SHR value is 0.84
t_o= -30 °C and dt = 5 K resultant SHR value is 0.98

Goedhart DVS-p 4mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"
1x	3.1.40.4	2,5	3168	54,3	2,1	2119	46,3	29	6	97	1056	1220	420	1080	656				15	15	4x19	2x1¼"
	4.1.40.4	4,3	2998	54,3	2,8	2021	46,3	39	6	108	1056	1320	420	1180	656				15	15	4x19	2x1¼"
	6.1.40.4	6,4	2713	54,3	4,9	1852	46,3	59	10	129	1056	1520	420	1380	656				12	22	4x19	2x1¼"
	3.1.45.4	5,6	4728	56,2	4,2	3293	45,2	39	6	111	1056	1270	520	1130	656				12	22	4x19	2x1¼"
	4.1.45.4	7,6	4445	56,2	6,2	3136	45,2	52	8	123	1056	1370	520	1230	656				12	22	4x19	2x1¼"
	6.1.45.4	6,3	3994	56,2	7,3	2876	45,2	78	12	148	1056	1570	520	1430	656				12	22	4x19	2x1¼"
	3.1.50.4	9,4	7081	59,1	8,0	4854	50,1	59	10	147	1356	1320	520	1180	956				12	22	4x19	2x1¼"
	4.1.50.4	10,1	6824	59,1	8,8	4654	50,1	78	12	164	1356	1420	520	1280	956				12	22	4x19	2x1¼"
	6.1.50.4	14,3	6375	59,1	10,9	4295	50,1	117	18	199	1356	1620	520	1480	956				16	28	4x19	2x1¼"
	3.1.56.4	12,1	9933	62,8	9,2	6759	50,8	81	12	177	1456	1380	620	1240	1056				12	28	4x19	2x1¼"
	4.1.56.4	16,2	9623	62,8	13,0	6527	50,8	108	16	198	1456	1480	620	1340	1056				16	28	4x19	2x1¼"
	6.1.56.4	19,9	9096	62,8	14,9	6096	50,8	163	24	243	1456	1680	620	1540	1056				16	35	4x19	2x1¼"
	3.1.63.4	16,1	12114	66,6	13,6	8780	51,6	98	16	204	1456	1450	720	1310	1056				16	28	4x19	2x1¼"
	4.1.63.4	18,8	11752	66,6	16,4	8531	51,6	130	20	229	1456	1550	720	1410	1056				16	35	4x19	2x1¼"
	6.1.63.4	24,1	11080	66,6	20,1	8057	51,6	195	30	280	1456	1750	720	1610	1056				16	35	4x19	2x1¼"
2x	3.2.40.4	9,0	6324	57,0	7,5	4234	49,0	58	10	151	1656	1220	420	1080	1256				12	22	4x19	2x1¼"
	4.2.40.4	8,4	5982	57,0	8,3	4035	49,0	78	12	168	1656	1320	420	1180	1256				12	22	4x19	2x1¼"
	6.2.40.4	12,8	5411	57,0	9,7	3695	49,0	117	18	205	1656	1520	420	1380	1256				12	28	4x19	2x1¼"
	3.2.45.4	11,0	9438	58,9	8,3	6577	47,9	78	12	170	1656	1270	520	1130	1256				12	22	4x19	2x1¼"
	4.2.45.4	15,2	8871	58,9	12,3	6261	47,9	104	16	192	1656	1370	520	1230	1256				16	28	4x19	2x1¼"
	6.2.45.4	17,7	7966	58,9	14,6	5739	47,9	156	24	236	1656	1570	520	1430	1256				16	28	4x19	2x1¼"
	3.2.50.4	19,4	14152	61,7	16,2	9699	52,7	117	18	244	2256	1320	520	1180	1856				16	35	4x19	2x1¼"
	4.2.50.4	21,2	13636	61,7	18,1	9299	52,7	156	24	286	2256	1420	520	1280	1856				16	35	4x19	2x1¼"
	6.2.50.4	28,4	12735	61,7	21,9	8577	52,7	233	34	338	2256	1620	520	1480	1856				16	35	4x19	2x1¼"
	3.2.56.4	27,3	19856	65,4	22,3	13511	53,4	162	24	296	2456	1380	620	1240	2056				16	35	4x19	2x1¼"
	4.2.56.4	32,6	19232	65,4	26,0	13043	53,4	216	32	336	2456	1480	620	1340	2056				16	42	4x19	2x1¼"
	6.2.56.4	40,2	18177	65,4	31,3	12179	53,4	324	48	418	2456	1680	620	1540	2056				22	42	4x19	2x1¼"
	3.2.63.4	32,5	24214	69,2	27,9	17552	54,2	194	30	345	2456	1450	720	1310	2056				16	42	4x19	2x1¼"
	4.2.63.4	38,9	23487	69,2	33,2	17049	54,2	259	38	392	2456	1550	720	1410	2056				16	42	4x19	2x1¼"
	6.2.63.4	48,7	22139	69,2	40,1	16099	54,2	389	58	486	2456	1750	720	1610	2056				22	42	4x19	2x1¼"
3x	3.3.45.4	19,4	14147	60,4	16,3	9860	49,4	117	18	231	2256	1270	520	1130	1856				16	35	4x19	2x1¼"
	4.3.45.4	21,0	13296	60,4	18,2	9385	49,4	156	24	263	2256	1370	520	1230	1856				16	35	4x19	2x1¼"
	6.3.45.4	27,3	11938	60,4	21,9	8602	49,4	233	34	325	2256	1570	520	1430	1856				16	35	4x19	2x1¼"
	3.3.50.4	29,5	21224	63,1	24,5	14546	54,1	175	26	343	3156	1320	520	1180	2756				16	35	4x19	2x1¼"
	4.3.50.4	35,4	20447	63,1	28,4	13943	54,1	233	34	389	3156	1420	520	1280	2756				16	42	4x19	2x1¼"
	6.3.50.4	42,9	19095	63,1	32,6	12858	54,1	350	52	478	3156	1620	520	1480	2756				22	42	4x19	2x1¼"
	3.3.56.4	40,6	29778	66,8	32,4	20261	54,8	243	36	430	3456	1380	620	1240	3056	1028	2028		22	42	4x19	2x1¼"
	4.3.56.4	48,9	28840	66,8	40,1	19560	54,8	324	48	485	3456	1480	620	1340	3056	1028	2028		22	42	4x19	2x1¼"
	6.3.56.4	57,1	27257	66,8	41,2	18261	54,8	486	72	605	3456	1680	620	1540	3056	1028	2028		22	54	4x19	2x1¼"
	3.3.63.4	49,2	36315	70,6	40,8	26322	55,6	291	44	508	3456	1450	720	1310	3056	1028	2028		22	42	4x19	2x1¼"
	4.3.63.4	59,2	35223	70,6	50,4	25569	55,6	389	58	571	3456	1550	720	1410	3056	1028	2028		22	54	4x19	2x1¼"
	6.3.63.4	73,8	33197	70,6	60,3	24141	55,6	583	86	709	3456	1750	720	1610	3056	1028	2028		22	54	4x19	2x1¼"





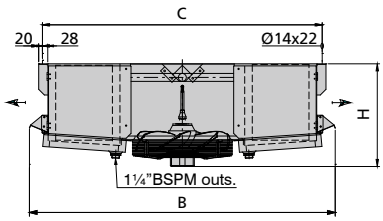
* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

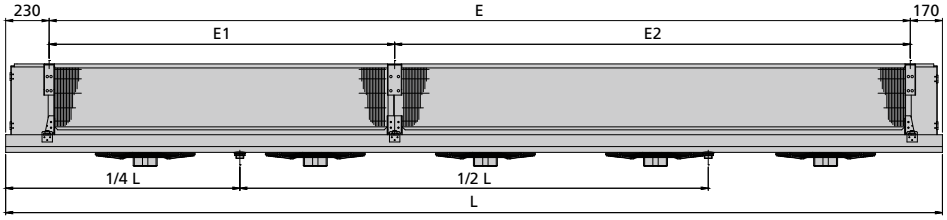
Attention!

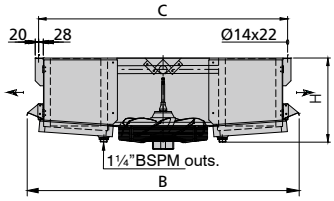
The fans are mounted to the outside of the air cooler. The fans are as standard not wired on a junction box to the connection side. Wiring is available against an extra price.

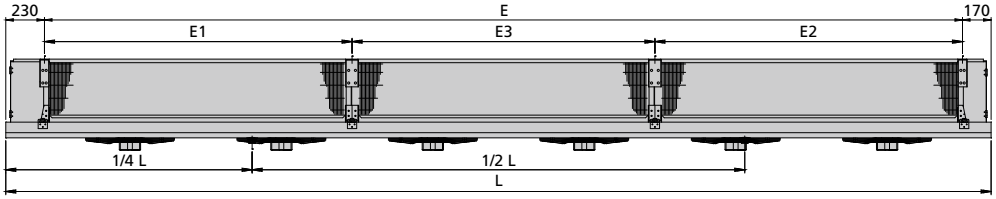
Goedhart DVS-p 4mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"
4x																					
3.4.45.4	26,1	18858	61,3	21,4	13145	50,3	155	24	294	2856	1270	520	1130	2456				16	35	4x19	2x1¼"
4.4.45.4	30,5	17721	61,3	24,6	12510	50,3	207	30	335	2856	1370	520	1230	2456				16	42	4x19	2x1¼"
6.4.45.4	35,4	15910	61,3	29,4	11465	50,3	311	46	414	2856	1570	520	1430	2456				16	42	4x19	2x1¼"
3.4.50.4	39,6	28295	64,0	32,8	19391	55,0	233	34	450	4056	1320	520	1180	3656	1828	1828		16	42	4x19	2x1¼"
4.4.50.4	43,7	27259	64,0	37,1	18588	55,0	311	46	513	4056	1420	520	1280	3656	1828	1828		16	42	4x19	2x1¼"
6.4.50.4	57,5	25455	64,0	44,4	17141	55,0	466	68	628	4056	1620	520	1480	3656	1828	1828		22	54	4x19	2x1¼"
3.4.56.4	55,5	39700	67,7	45,6	27012	55,7	324	48	548	4456	1380	620	1240	4056	2028	2028		22	54	4x19	2x1¼"
4.4.56.4	66,2	38448	67,7	52,2	26078	55,7	431	64	622	4456	1480	620	1340	4056	2028	2028		22	54	4x19	2x1¼"
6.4.56.4	81,7	36337	67,7	62,9	24343	55,7	647	94	783	4456	1680	620	1540	4056	2028	2028		22	54	4x19	2x1¼"
3.4.63.4	65,4	48415	71,5	56,9	35094	56,5	388	58	647	4456	1450	720	1310	4056	2028	2028		22	54	4x19	2x1¼"
4.4.63.4	79,5	46958	71,5	67,6	34088	56,5	518	76	736	4456	1550	720	1410	4056	2028	2028		22	54	4x19	2x1¼"
6.4.63.4	98,9	44256	71,5	80,8	32182	56,5	777	114	917	4456	1750	720	1610	4056	2028	2028		28	64	4x19	2x1¼"
5x																					
3.5.50.4	48,8	35366	64,7	40,0	24237	55,7	291	44	553	4956	1320	520	1180	4556	1828	2728		22	42	4x19	4x1¼"
4.5.50.4	57,4	34070	64,7	44,2	23231	55,7	388	58	627	4956	1420	520	1280	4556	1828	2728		22	54	4x19	4x1¼"
6.5.50.4	71,2	31814	64,7	56,1	21422	55,7	582	86	768	4956	1620	520	1480	4556	1828	2728		22	54	4x19	4x1¼"
3.5.56.4	60,6	49621	68,5	56,9	33764	56,4	404	60	669	5456	1380	620	1240	5056	2028	3028		22	54	4x19	4x1¼"
4.5.56.4	83,0	48057	68,5	67,1	32594	56,4	539	78	772	5456	1480	620	1340	5056	2028	3028		22	54	4x19	4x1¼"
6.5.56.4	102,1	45417	68,5	79,1	30426	56,4	809	118	958	5456	1680	620	1540	5056	2028	3028		28	64	4x19	4x1¼"
3.5.63.4	84,2	60517	72,1	71,1	43864	57,1	485	72	788	5456	1450	720	1310	5056	2028	3028		22	54	4x19	4x1¼"
4.5.63.4	100,6	58693	72,1	82,9	42606	57,1	647	94	901	5456	1550	720	1410	5056	2028	3028		28	64	4x19	4x1¼"
6.5.63.4	121,4	55313	72,1	99,1	40225	57,1	971	142	1124	5456	1750	720	1610	5056	2028	3028		28	64	4x19	4x1¼"
6x																					
3.6.50.4	59,8	42436	65,2	49,5	29083	56,2	349	52	651	5856	1320	520	1180	5456	1828	1828	1800	22	54	4x19	4x1¼"
4.6.50.4	71,6	40881	65,2	57,3	27876	56,2	466	68	738	5856	1420	520	1280	5456	1828	1828	1800	22	54	4x19	4x1¼"
6.6.50.4	86,6	38174	65,2	65,5	25704	56,2	699	102	914	5856	1620	520	1480	5456	1828	1828	1800	28	54	4x19	4x1¼"
3.6.56.4	82,0	59543	69,1	65,2	40515	56,9	485	72	794	6456	1380	620	1240	6056	2028	2028	2000	22	54	4x19	4x1¼"
4.6.56.4	99,2	57666	69,1	80,9	39110	56,9	647	94	915	6456	1480	620	1340	6056	2028	2028	2000	22	64	4x19	4x1¼"
6.6.56.4	123,2	54497	69,1	94,7	36509	56,9	970	142	1139	6456	1680	620	1540	6056	2028	2028	2000	28	64	4x19	4x1¼"
3.6.63.4	99,2	72617	72,6	85,9	52636	57,6	582	86	937	6456	1450	720	1310	6056	2028	2028	2000	22	64	4x19	4x1¼"
4.6.63.4	120,1	70428	72,6	101,9	51125	57,6	776	114	1069	6456	1550	720	1410	6056	2028	2028	2000	28	64	4x19	4x1¼"
6.6.63.4	149,2	66372	72,6	121,6	48267	57,6	1164	170	1336	6456	1750	720	1610	6056	2028	2028	2000	28	76	4x19	4x1¼"





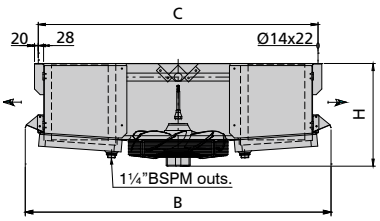


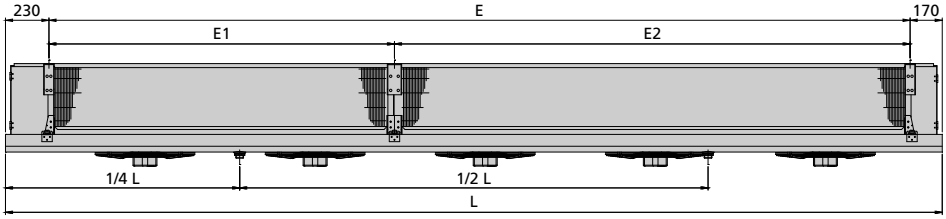


* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

Goedhart DVS-p 7mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"





1x	**3.1.40.7**	1,8	3474	54,3	1,5	2301	46,3	17	6	93	1056	1220	420	1080	656				15	15	4x19	2x1¼"
	4.1.40.7	2,4	3394	54,3	2,0	2252	46,3	23	6	102	1056	1320	420	1180	656				15	15	4x19	2x1¼"
	6.1.40.7	5,1	3229	54,3	3,8	2156	46,3	35	10	119	1056	1520	420	1380	656				15	15	4x19	2x1¼"
	8.1.40.7	6,3	3073	54,3	4,8	2066	46,3	46	12	137	1056	1720	420	1580	656				12	22	4x19	2x1¼"
	3.1.45.7	2,9	5284	56,2	2,3	3606	45,2	23	6	104	1056	1270	520	1130	656				12	15	4x19	2x1¼"
	4.1.45.7	5,3	5130	56,2	4,1	3518	45,2	31	8	115	1056	1370	520	1230	656				12	15	4x19	2x1¼"
	6.1.45.7	7,5	4834	56,2	6,2	3353	45,2	46	12	135	1056	1570	520	1430	656				12	22	4x19	2x1¼"
	8.1.45.7	8,1	4569	56,2	6,9	3206	45,2	61	16	157	1056	1770	520	1630	656				12	22	4x19	2x1¼"
	3.1.50.7	6,6	7565	59,1	5,4	5180	50,1	34	10	138	1356	1320	520	1180	956				12	22	4x19	2x1¼"
	4.1.50.7	8,2	7430	59,1	7,0	5099	50,1	46	12	150	1356	1420	520	1280	956				12	22	4x19	2x1¼"
	6.1.50.7	10,8	7176	59,1	8,3	4923	50,1	69	18	179	1356	1620	520	1480	956				12	22	4x19	2x1¼"
	8.1.50.7	13,4	6939	59,1	10,6	4745	50,1	92	24	207	1356	1820	520	1680	956				16	28	4x19	2x1¼"
	3.1.56.7	6,4	10559	62,8	7,6	7141	50,8	48	12	163	1456	1380	620	1240	1056				12	22	4x19	2x1¼"
	4.1.56.7	11,2	10377	62,8	8,6	7045	50,8	64	16	181	1456	1480	620	1340	1056				12	22	4x19	2x1¼"
	6.1.56.7	14,5	10050	62,8	12,7	6840	50,8	96	24	216	1456	1680	620	1540	1056				16	28	4x19	2x1¼"
	8.1.56.7	16,8	9760	62,8	12,1	6633	50,8	127	32	251	1456	1880	620	1740	1056				16	28	4x19	2x1¼"
	3.1.63.7	10,1	12732	66,6	8,1	9193	51,6	57	16	189	1456	1450	720	1310	1056				12	22	4x19	2x1¼"
	4.1.63.7	14,1	12569	66,6	11,9	9087	51,6	76	20	208	1456	1550	720	1410	1056				12	28	4x19	2x1¼"
	6.1.63.7	18,9	12240	66,6	15,4	8866	51,6	115	30	247	1456	1750	720	1610	1056				16	35	4x19	2x1¼"
	8.1.63.7	22,4	11915	66,6	18,7	8644	51,6	153	38	289	1456	1950	720	1810	1056				16	35	4x19	2x1¼"
2x	**3.2.40.7**	6,3	6942	57,0	5,0	4599	49,0	34	10	142	1656	1220	420	1080	1256				12	22	4x19	2x1¼"
	4.2.40.7	7,9	6782	57,0	6,5	4501	49,0	46	12	155	1656	1320	420	1180	1256				12	22	4x19	2x1¼"
	6.2.40.7	10,1	6449	57,0	7,5	4307	49,0	69	18	185	1656	1520	420	1380	1256				12	22	4x19	2x1¼"
	8.2.40.7	12,5	6133	57,0	9,6	4124	49,0	92	24	214	1656	1720	420	1580	1256				12	28	4x19	2x1¼"
	3.2.45.7	8,8	10561	58,9	7,6	7208	47,9	46	12	157	1656	1270	520	1130	1256				12	22	4x19	2x1¼"
	4.2.45.7	10,6	10249	58,9	8,5	7028	47,9	61	16	174	1656	1370	520	1230	1256				12	22	4x19	2x1¼"
	6.2.45.7	14,9	9652	58,9	12,3	6696	47,9	92	24	210	1656	1570	520	1430	1256				16	28	4x19	2x1¼"
	8.2.45.7	16,2	9120	58,9	13,8	6400	47,9	122	30	244	1656	1770	520	1630	1256				16	28	4x19	2x1¼"
	3.2.50.7	13,2	15124	61,7	10,7	10359	52,7	69	18	225	2256	1320	520	1180	1856				12	28	4x19	2x1¼"
	4.2.50.7	16,6	14855	61,7	13,9	10194	52,7	91	24	250	2256	1420	520	1280	1856				16	28	4x19	2x1¼"
	6.2.50.7	22,3	14342	61,7	18,2	9840	52,7	137	34	299	2256	1620	520	1480	1856				16	35	4x19	2x1¼"
	8.2.50.7	26,7	13867	61,7	21,1	9481	52,7	183	46	348	2256	1820	520	1680	1856				16	35	4x19	2x1¼"
	3.2.56.7	17,9	21111	65,4	15,4	14279	53,4	95	24	268	2456	1380	620	1240	2056				16	28	4x19	2x1¼"
	4.2.56.7	22,3	20746	65,4	17,2	14084	53,4	127	32	299	2456	1480	620	1340	2056				16	35	4x19	2x1¼"
	6.2.56.7	31,1	20089	65,4	25,3	13673	53,4	190	48	362	2456	1680	620	1540	2056				16	42	4x19	2x1¼"
	8.2.56.7	36,8	19508	65,4	29,6	13257	53,4	254	64	425	2456	1880	620	1740	2056				22	42	4x19	2x1¼"
	3.2.63.7	22,5	25460	69,2	19,1	18381	54,2	114	30	313	2456	1450	720	1310	2056				16	35	4x19	2x1¼"
	4.2.63.7	28,2	25132	69,2	23,7	18168	54,2	152	38	349	2456	1550	720	1410	2056				16	35	4x19	2x1¼"
	6.2.63.7	37,7	24470	69,2	30,8	17725	54,2	229	58	420	2456	1750	720	1610	2056				16	42	4x19	2x1¼"
	8.2.63.7	44,7	23816	69,2	37,3	17279	54,2	305	76	493	2456	1950	720	1810	2056				22	42	4x19	2x1¼"
3x	**3.3.45.7**	13,5	15835	60,4	11,0	10809	49,4	69	18	212	2256	1270	520	1130	1856				12	28	4x19	2x1¼"
	4.3.45.7	16,9	15366	60,4	14,1	10537	49,4	91	24	236	2256	1370	520	1230	1856				16	28	4x19	2x1¼"
	6.3.45.7	22,4	14470	60,4	18,4	10039	49,4	137	34	286	2256	1570	520	1430	1856				16	35	4x19	2x1¼"
	8.3.45.7	26,5	13670	60,4	21,3	9595	49,4	183	46	335	2256	1770	520	1630	1856				16	35	4x19	2x1¼"
	3.3.50.7	19,8	22683	63,1	16,6	15537	54,1	103	26	313	3156	1320	520	1180	2756				16	35	4x19	2x1¼"
	4.3.50.7	24,7	22278	63,1	19,6	15290	54,1	137	34	349	3156	1420	520	1280	2756				16	35	4x19	2x1¼"
	6.3.50.7	33,1	21508	63,1	27,2	14757	54,1	206	52	419	3156	1620	520	1480	2756				16	42	4x19	2x1¼"
	8.3.50.7	37,7	20794	63,1	29,7	14216	54,1	274	68	490	3156	1820	520	1680	2756				22	42	4x19	2x1¼"
	3.3.56.7	27,7	31663	66,8	23,3	21419	54,8	143	36	391	3456	1380	620	1240	3056	1028	2028		16	35	4x19	2x1¼"
	4.3.56.7	35,4	31116	66,8	29,0	21124	54,8	190	48	426	3456	1480	620	1340	3056	1028	2028		16	42	4x19	2x1¼"
	6.3.56.7	47,0	30128	66,8	37,9	20506	54,8	285	72	517	3456	1680	620	1540	3056	1028	2028		22	42	4x19	2x1¼"
	8.3.56.7	56,3	29255	66,8	44,4	19878	54,8	381	94	609	3456	1880	620	1740	3056	1028	2028		22	54	4x35	2x1¼"
	3.3.63.7	30,2	38187	70,6	29,1	27570	55,6	171	44	453	3456	1450	720	1310	3056	1028	2028		16	42	4x19	2x1¼"
	4.3.63.7	42,7	37693	70,6	35,5	27248	55,6	228	58	506	3456	1550	720	1410	3056	1028	2028		16	42	4x19	2x1¼"
	6.3.63.7	57,3	36699	70,6	47,4	26584	55,6	343	86	610	3456	1750	720	1610	3056	1028	2028		22	54	4x35	2x1¼"
	8.3.63.7	67,0	35718	70,6	55,2	25912	55,6	457	114	718	3456	1950	720	1810	3056	1028	2028		22	54	4x35	2x1¼"

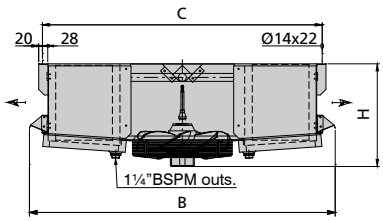
* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

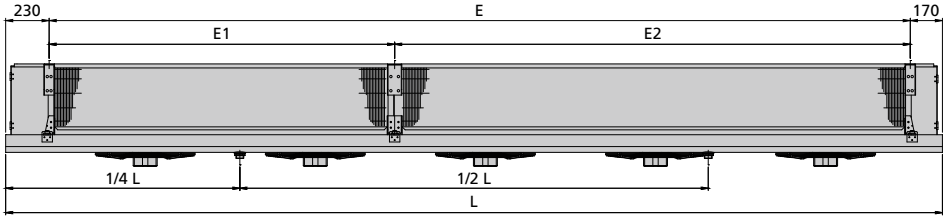
Attention!

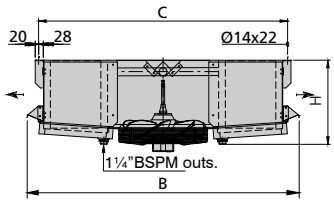
The fans are mounted to the outside of the air cooler. The fans are as standard not wired on a junction box to the connection side. Wiring is available against an extra price.

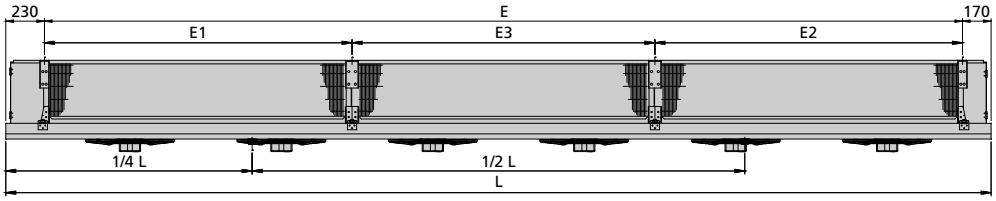
Goedhart DVS-p 7mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"
4x																					
3.4.45.7	18,1	21111	61,3	15,3	14408	50,3	91	24	268	2856	1270	520	1130	2456				16	28	4x19	2x1¼"
4.4.45.7	21,2	20483	61,3	17,6	14048	50,3	122	30	309	2856	1370	520	1230	2456				16	35	4x19	2x1¼"
6.4.45.7	30,1	19288	61,3	24,5	13383	50,3	183	46	362	2856	1570	520	1430	2456				16	42	4x19	2x1¼"
8.4.45.7	33,1	18220	61,3	27,6	12791	50,3	244	60	426	2856	1770	520	1630	2456				16	42	4x19	2x1¼"
3.4.50.7	26,9	30243	64,0	22,6	20715	55,0	137	34	406	4056	1320	520	1180	3656	1828	1828		16	35	4x19	2x1¼"
4.4.50.7	33,9	29700	64,0	28,0	20385	55,0	183	46	451	4056	1420	520	1280	3656	1828	1828		16	42	4x19	2x1¼"
6.4.50.7	45,3	28674	64,0	36,4	19673	55,0	274	68	543	4056	1620	520	1480	3656	1828	1828		22	42	4x19	2x1¼"
8.4.50.7	53,9	27722	64,0	42,2	18951	55,0	365	90	634	4056	1820	520	1680	3656	1828	1828		22	54	4x19	2x1¼"
3.4.56.7	37,9	42216	67,7	30,7	28556	55,7	190	48	494	4456	1380	620	1240	4056	2028	2028		16	42	4x19	2x1¼"
4.4.56.7	46,1	41485	67,7	38,6	28164	55,7	254	64	549	4456	1480	620	1340	4056	2028	2028		22	42	4x19	2x1¼"
6.4.56.7	62,5	40168	67,7	48,6	27338	55,7	380	94	668	4456	1680	620	1540	4056	2028	2028		22	54	4x35	2x1¼"
8.4.56.7	74,8	39003	67,7	59,2	26502	55,7	507	126	787	4456	1880	620	1740	4056	2028	2028		22	54	4x35	2x1¼"
3.4.63.7	45,6	50914	71,5	38,3	36758	56,5	228	58	582	4456	1450	720	1310	4056	2028	2028		22	42	4x35	2x1¼"
4.4.63.7	57,1	50255	71,5	48,0	36329	56,5	304	76	649	4456	1550	720	1410	4056	2028	2028		22	54	4x35	2x1¼"
6.4.63.7	75,6	48927	71,5	63,6	35442	56,5	456	114	779	4456	1750	720	1610	4056	2028	2028		22	54	4x35	2x1¼"
8.4.63.7	90,7	47619	71,5	75,0	34546	56,5	609	150	917	4456	1950	720	1810	4056	2028	2028		28	54	4x35	2x1¼"
5x																					
3.5.50.7	34,1	37804	64,7	28,3	25893	55,7	171	44	499	4956	1320	520	1180	4556	1828	2728		16	42	4x35	4x1¼"
4.5.50.7	39,6	37124	64,7	33,9	25479	55,7	228	58	552	4956	1420	520	1280	4556	1828	2728		16	42	4x35	4x1¼"
6.5.50.7	56,9	35838	64,7	45,2	24589	55,7	342	86	669	4956	1620	520	1480	4556	1828	2728		22	54	4x35	4x1¼"
8.5.50.7	65,1	34648	64,7	52,7	23687	55,7	456	114	776	4956	1820	520	1680	4556	1828	2728		22	54	4x35	4x1¼"
3.5.56.7	47,7	52767	68,5	39,2	35693	56,4	238	60	602	5456	1380	620	1240	5056	2028	3028		22	42	4x35	4x1¼"
4.5.56.7	59,6	51854	68,5	47,8	35203	56,4	317	78	670	5456	1480	620	1340	5056	2028	3028		22	54	4x35	4x1¼"
6.5.56.7	79,1	50206	68,5	63,6	34171	56,4	475	118	822	5456	1680	620	1540	5056	2028	3028		22	54	4x35	4x1¼"
8.5.56.7	93,0	48750	68,5	71,9	33125	56,4	634	156	962	5456	1880	620	1740	5056	2028	3028		28	54	4x35	4x1¼"
3.5.63.7	56,2	63642	72,1	48,6	45947	57,1	285	72	708	5456	1450	720	1310	5056	2028	3028		22	54	4x35	4x1¼"
4.5.63.7	71,0	62817	72,1	60,7	45410	57,1	380	94	793	5456	1550	720	1410	5056	2028	3028		22	54	4x35	4x1¼"
6.5.63.7	95,7	61157	72,1	80,0	44300	57,1	570	142	960	5456	1750	720	1610	5056	2028	3028		28	64	4x35	4x1¼"
8.5.63.7	114,6	59520	72,1	93,8	43181	57,1	761	188	1131	5456	1950	720	1810	5056	2028	3028		28	64	4x35	4x1¼"







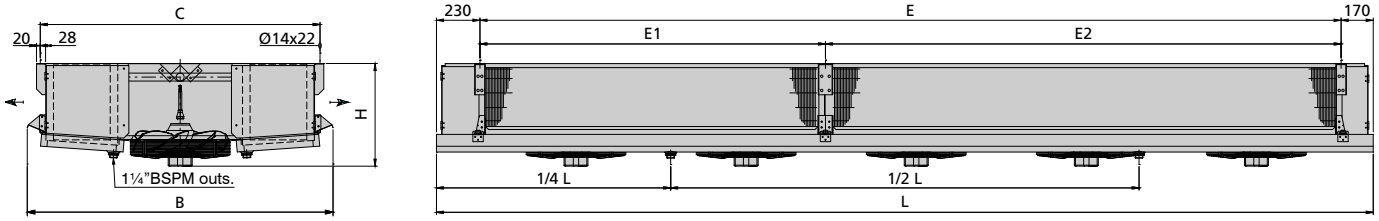


6x																					
3.6.50.7	40,0	45362	65,2	33,6	31070	56,2	205	52	588	5856	1320	520	1180	5456	1828	1828	1800	16	42	4x35	4x1¼"
4.6.50.7	49,7	44549	65,2	39,1	30574	56,2	274	68	659	5856	1420	520	1280	5456	1828	1828	1800	22	42	4x35	4x1¼"
6.6.50.7	67,1	43005	65,2	54,9	29506	56,2	411	102	787	5856	1620	520	1480	5456	1828	1828	1800	22	54	4x35	4x1¼"
8.6.50.7	75,3	41576	65,2	60,4	28423	56,2	548	136	918	5856	1820	520	1680	5456	1828	1828	1800	28	54	4x35	4x1¼"
3.6.56.7	50,2	63318	69,1	47,1	42833	56,9	285	72	713	6456	1380	620	1240	6056	2028	2028	2000	22	42	4x35	4x1¼"
4.6.56.7	71,3	62223	69,1	58,6	42243	56,9	380	94	806	6456	1480	620	1340	6056	2028	2028	2000	22	54	4x35	4x1¼"
6.6.56.7	95,1	60246	69,1	76,4	41004	56,9	570	142	974	6456	1680	620	1540	6056	2028	2028	2000	28	54	4x35	4x1¼"
8.6.56.7	113,6	58497	69,1	88,8	39749	56,9	760	188	1143	6456	1880	620	1740	6056	2028	2028	2000	28	64	4x35	4x1¼"
3.6.63.7	68,7	76368	72,6	57,6	55135	57,6	342	86	839	6456	1450	720	1310	6056	2028	2028	2000	22	54	4x35	4x1¼"
4.6.63.7	86,0	75380	72,6	71,2	54491	57,6	456	114	939	6456	1550	720	1410	6056	2028	2028	2000	22	54	4x35	4x1¼"
6.6.63.7	113,8	73386	72,6	93,9	53159	57,6	684	170	1139	6456	1750	720	1610	6056	2028	2028	2000	28	64	4x35	4x1¼"
8.6.63.7	134,1	71421	72,6	111,6	51814	57,6	912	226	1341	6456	1950	720	1810	6056	2028	2028	2000	28	64	4x35	4x1¼"

* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

Goedhart DVS-p 10mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"



1x	**6.1.40.10**	3,9	3428	54,3	2,8	2273	46,3	25	10	114	1056	1520	420	1380	656				15	15	4x19	2x1¼"
	8.1.40.10	5,3	3331	54,3	4,0	2215	46,3	33	12	133	1056	1720	420	1580	656				15	15	4x19	2x1¼"
	1.1.40.10	6,1	3234	54,3	4,7	2159	46,3	41	16	148	1056	1920	420	1780	656				12	22	4x19	2x1¼"
	6.1.45.10	6,3	5197	56,2	5,0	3555	45,2	33	12	131	1056	1570	520	1430	656				12	22	4x19	2x1¼"
	8.1.45.10	7,4	5014	56,2	6,1	3453	45,2	44	16	149	1056	1770	520	1630	656				12	22	4x19	2x1¼"
	1.1.45.10	8,2	4842	56,2	6,6	3356	45,2	55	20	169	1056	1970	520	1830	656				12	22	4x19	2x1¼"
	6.1.50.10	8,4	7488	59,1	6,2	5134	50,1	50	18	171	1356	1620	520	1480	956				12	22	4x19	2x1¼"
	8.1.50.10	11,4	7331	59,1	8,8	5034	50,1	66	24	196	1356	1820	520	1680	956				12	22	4x19	2x1¼"
	1.1.50.10	9,0	7182	59,1	10,3	4928	50,1	83	30	222	1356	2020	520	1880	956				16	28	4x19	2x1¼"
	6.1.56.10	12,9	10455	62,8	10,2	7088	50,8	69	24	204	1456	1680	620	1540	1056				12	28	4x19	2x1¼"
	8.1.56.10	13,1	10248	62,8	9,2	6967	50,8	92	32	235	1456	1880	620	1740	1056				16	28	4x19	2x1¼"
	1.1.56.10	17,4	10058	62,8	12,8	6845	50,8	115	40	267	1456	2080	620	1940	1056				16	28	4x19	2x1¼"
	6.1.63.10	15,0	12641	66,6	12,8	9132	51,6	82	30	234	1456	1750	720	1610	1056				16	28	4x19	2x1¼"
	8.1.63.10	19,2	12445	66,6	15,7	9004	51,6	110	38	271	1456	1950	720	1810	1056				16	35	4x19	2x1¼"
	1.1.63.10	22,2	12248	66,6	17,8	8872	51,6	137	48	306	1456	2150	720	2010	1056				16	35	4x19	2x1¼"
2x	**6.2.40.10**	7,9	6852	57,0	5,6	4543	49,0	49	18	177	1656	1520	420	1380	1256				12	22	4x19	2x1¼"
	8.2.40.10	10,6	6655	57,0	7,9	4426	49,0	66	24	204	1656	1720	420	1580	1256				12	22	4x19	2x1¼"
	1.2.40.10	12,2	6458	57,0	9,4	4312	49,0	82	30	231	1656	1920	420	1780	1256				12	28	4x19	2x1¼"
	6.2.45.10	12,6	10383	58,9	10,0	7104	47,9	66	24	199	1656	1570	520	1430	1256				12	28	4x19	2x1¼"
	8.2.45.10	14,7	10016	58,9	12,1	6897	47,9	88	30	231	1656	1770	520	1630	1256				16	28	4x19	2x1¼"
	1.2.45.10	16,4	9667	58,9	12,1	6704	47,9	110	38	263	1656	1970	520	1830	1256				16	28	4x19	2x1¼"
	6.2.50.10	18,5	14969	61,7	14,6	10267	52,7	99	34	283	2256	1620	520	1480	1856				16	28	4x19	2x1¼"
	8.2.50.10	22,7	14655	61,7	17,5	10062	52,7	132	46	327	2256	1820	520	1680	1856				16	35	4x19	2x1¼"
	1.2.50.10	26,0	14354	61,7	20,5	9849	52,7	164	58	370	2256	2020	520	1880	1856				16	35	4x19	2x1¼"
	6.2.56.10	25,8	20900	65,4	20,3	14170	53,4	137	48	340	2456	1680	620	1540	2056				16	35	4x19	2x1¼"
	8.2.56.10	31,7	20487	65,4	24,8	13930	53,4	183	64	395	2456	1880	620	1740	2056				16	42	4x19	2x1¼"
	1.2.56.10	35,2	20104	65,4	28,4	13683	53,4	228	78	451	2456	2080	620	1940	2056				22	42	4x19	2x1¼"
	6.2.63.10	29,9	25274	69,2	23,6	18261	54,2	164	58	393	2456	1750	720	1610	2056				16	42	4x19	2x1¼"
	8.2.63.10	38,3	24881	69,2	31,3	18000	54,2	219	76	458	2456	1950	720	1810	2056				16	42	4x19	2x1¼"
	1.2.63.10	44,3	24487	69,2	35,2	17736	54,2	274	94	522	2456	2150	720	2010	2056				22	42	4x35	2x1¼"
3x	**6.3.45.10**	18,9	15567	60,4	14,9	10653	49,4	99	34	270	2256	1570	520	1430	1856				16	28	4x19	2x1¼"
	8.3.45.10	23,0	15017	60,4	17,8	10342	49,4	132	46	314	2256	1770	520	1630	1856				16	35	4x19	2x1¼"
	1.3.45.10	26,2	14491	60,4	20,8	10051	49,4	164	58	357	2256	1970	520	1830	1856				16	35	4x19	2x1¼"
	6.3.50.10	27,7	22451	63,1	22,2	15398	54,1	148	52	395	3156	1620	520	1480	2756				16	35	4x19	2x1¼"
	8.3.50.10	31,8	21978	63,1	26,2	15092	54,1	197	68	459	3156	1820	520	1680	2756				16	42	4x19	2x1¼"
	1.3.50.10	38,4	21527	63,1	30,2	14770	54,1	246	86	521	3156	2020	520	1880	2756				22	42	4x19	2x1¼"
	6.3.56.10	38,8	31346	66,8	30,7	21252	54,8	205	72	484	3456	1680	620	1540	3056	1028	2028		16	42	4x35	2x1¼"
	8.3.56.10	47,5	30725	66,8	36,7	20893	54,8	274	94	564	3456	1880	620	1740	3056	1028	2028		22	42	4x35	2x1¼"
	1.3.56.10	54,7	30152	66,8	41,5	20522	54,8	342	118	646	3456	2080	620	1940	3056	1028	2028		22	54	4x35	2x1¼"
	6.3.63.10	46,3	37907	70,6	38,4	27387	55,6	246	86	565	3456	1750	720	1610	3056	1028	2028		22	42	4x35	2x1¼"
	8.3.63.10	56,8	37316	70,6	47,0	26997	55,6	329	114	658	3456	1950	720	1810	3056	1028	2028		22	54	4x35	2x1¼"
	1.3.63.10	66,3	36724	70,6	54,0	26601	55,6	411	142	749	3456	2150	720	2010	3056	1028	2028		22	54	4x35	2x1¼"

* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

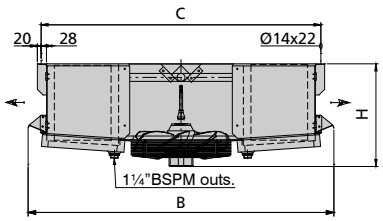
Attention!

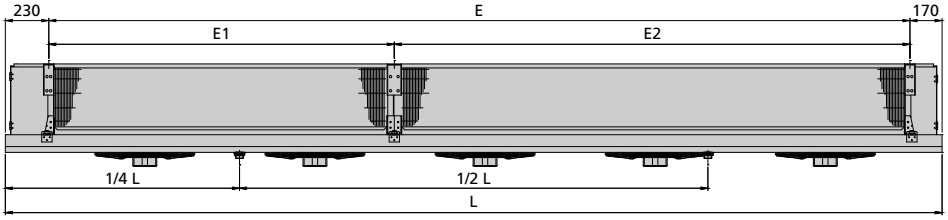


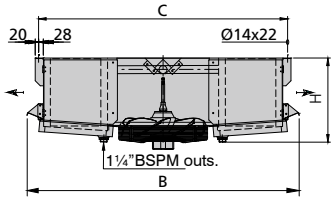
The fans are mounted to the outside of the air cooler. The fans are as standard not wired on a junction box to the connection side. Wiring is available against an extra price.

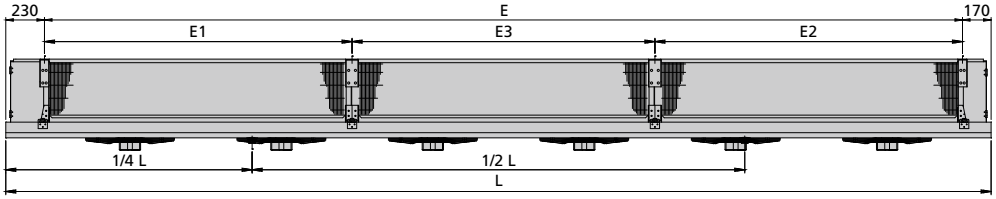
Goedhart DVS-p 10mm

Type DVS	3x400V-50H-4pole (1500 min⁻¹ nom.)			3x400V-50H-6pole (1000 min⁻¹ nom.)			Surface	Internaly volume	Weight	Dimensions								Connections			
	R404A			R404A														Refrigerant			
	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**	DT1 = 8K (SC2) Air on= 0°C	Air volume	LpA @ 3 m (+/-2 dB(A))**				L	B	H	C	E1	E2	E3	E4	in	out	Hot gas	Drain
	kW	m³/h	dB(A)	kW	m³/h	dB(A)	m²	dm³	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	NW"
4x	**6.4.45.10**	25,2	20752	61,3	19,9	14202	50,3	131	46	341	2856	1570	520	1430	2456				16	35	4x19	2x1¼"
	8.4.45.10	29,7	20017	61,3	24,2	13786	50,3	175	60	397	2856	1770	520	1630	2456				16	35	4x19	2x1¼"
	1.4.45.10	34,3	19317	61,3	27,7	13398	50,3	219	76	456	2856	1970	520	1830	2456				22	42	4x19	2x1¼"
	6.4.50.10	37,1	29932	64,0	29,1	20530	55,0	197	68	512	4056	1620	520	1480	3656	1828	1828		16	42	4x19	2x1¼"
	8.4.50.10	45,3	29302	64,0	34,9	20119	55,0	263	90	592	4056	1820	520	1680	3656	1828	1828		22	42	4x19	2x1¼"
	1.4.50.10	52,2	28698	64,0	41,0	19692	55,0	328	114	673	4056	2020	520	1880	3656	1828	1828		22	54	4x35	2x1¼"
	6.4.56.10	49,5	41793	67,7	37,1	28334	55,7	274	94	624	4456	1680	620	1540	4056	2028	2028		22	42	4x35	2x1¼"
	8.4.56.10	63,6	40964	67,7	49,6	27854	55,7	365	126	729	4456	1880	620	1740	4056	2028	2028		22	54	4x35	2x1¼"
	1.4.56.10	58,5	40199	67,7	56,7	27359	55,7	456	156	825	4456	2080	620	1940	4056	2028	2028		28	54	4x35	2x1¼"
	6.4.63.10	62,5	50540	71,5	51,4	36515	56,5	328	114	726	4456	1750	720	1610	4056	2028	2028		22	54	4x35	2x1¼"
	8.4.63.10	76,9	49751	71,5	62,5	35996	56,5	438	150	847	4456	1950	720	1810	4056	2028	2028		22	54	4x35	2x1¼"
	1.4.63.10	88,8	48961	71,5	71,4	35465	56,5	547	188	964	4456	2150	720	2010	4056	2028	2028		28	54	4x35	2x1¼"
5x	**6.5.50.10**	45,9	37414	64,7	37,1	25661	55,7	246	86	624	4956	1620	520	1480	4556	1828	2728		22	42	4x35	4x1¼"
	8.5.50.10	56,6	36625	64,7	45,0	25148	55,7	328	114	723	4956	1820	520	1680	4556	1828	2728		22	54	4x35	4x1¼"
	1.5.50.10	65,4	35870	64,7	51,3	24613	55,7	410	142	824	4956	2020	520	1880	4556	1828	2728		22	54	4x35	4x1¼"
	6.5.56.10	65,0	52239	68,5	50,8	35418	56,4	342	118	767	5456	1680	620	1540	5056	2028	3028		22	54	4x35	4x1¼"
	8.5.56.10	77,1	51203	68,5	62,0	34817	56,4	456	156	889	5456	1880	620	1740	5056	2028	3028		22	54	4x35	4x1¼"
	1.5.56.10	86,8	50246	68,5	63,4	34197	56,4	570	196	1020	5456	2080	620	1940	5056	2028	3028		28	54	4x35	4x1¼"
	6.5.63.10	78,4	63174	72,1	63,8	45644	57,1	410	142	894	5456	1750	720	1610	5056	2028	3028		22	54	4x35	4x1¼"
	8.5.63.10	96,1	62188	72,1	77,8	44993	57,1	547	188	1043	5456	1950	720	1810	5056	2028	3028		28	64	4x35	4x1¼"
	1.5.63.10	110,6	61199	72,1	89,5	44329	57,1	684	234	1181	5456	2150	720	2010	5056	2028	3028		28	64	4x35	4x1¼"
6x	**6.6.50.10**	56,0	44896	65,2	44,5	30793	56,2	295	102	740	5856	1620	520	1480	5456	1828	1828	1800	22	54	4x35	4x1¼"
	8.6.50.10	64,7	43948	65,2	53,0	30177	56,2	394	136	854	5856	1820	520	1680	5456	1828	1828	1800	22	54	4x35	4x1¼"
	1.6.50.10	76,7	43042	65,2	60,8	29534	56,2	492	170	975	5856	2020	520	1880	5456	1828	1828	1800	28	54	4x35	4x1¼"
	6.6.56.10	78,1	62685	69,1	61,8	42502	56,9	410	142	909	6456	1680	620	1540	6056	2028	2028	2000	22	54	4x35	4x1¼"
	8.6.56.10	95,5	61442	69,1	73,4	41778	56,9	547	188	1055	6456	1880	620	1740	6056	2028	2028	2000	28	54	4x35	4x1¼"
	1.6.56.10	109,6	60293	69,1	83,0	41035	56,9	684	234	1207	6456	2080	620	1940	6056	2028	2028	2000	28	64	4x35	4x1¼"
	6.6.63.10	92,8	75808	72,6	77,4	54771	57,6	492	170	1059	6456	1750	720	1610	6056	2028	2028	2000	28	54	4x35	4x1¼"
	8.6.63.10	114,8	74623	72,6	94,4	53990	57,6	656	226	1236	6456	1950	720	1810	6056	2028	2028	2000	28	64	4x35	4x1¼"
	1.6.63.10	133,1	73437	72,6	108,1	53194	57,6	821	282	1403	6456	2150	720	2010	6056	2028	2028	2000	28	64	4x35	4x1¼"









* Sound pressure indication (LpA) at 3 m distance each air cooler (+/- 2 dB(A)) , free field conditions, according EN13487
Capacities and air volumes with 60 Hz fans on request or in our GPC selection program available.

Goedhart DVS Electrical defrost

	Type DVS	Fan	Light defrost					Heavy defrost				
			Coil block (230V)		Drip tray (200V)		Total (3x400V)	Coil block (230V)		Drip tray (200V)		Total (3x400V)
			number	kW	number	kW	kW	number	kW	number	kW	kW
1x	3.1.40.f	Ø400	1 (2x)	1.26	1 (2x)	1.36	2.62	2 (2x)	2.52	1 (2x)	1.36	3.88
	4.1.40.f		1 (2x)	1.26	1 (2x)	1.36	2.62	2 (2x)	2.52	1 (2x)	1.36	3.88
	6.1.40.f		2 (2x)	2.52	1 (2x)	1.36	3.88	3 (2x)	3.78	1 (2x)	1.36	5.14
	8.1.40.f		2 (2x)	2.52	1 (2x)	1.36	3.88	3 (2x)	3.78	1 (2x)	1.36	5.14
	1.1.40.f		3 (2x)	3.78	1 (2x)	1.56	5.34	4 (2x)	5.04	1 (2x)	1.56	6.60
	3.1.45.f	Ø450	2 (2x)	2.52	1 (2x)	1.36	3.88	3 (2x)	3.78	1 (2x)	1.56	5.14
	4.1.45.f		2 (2x)	2.52	1 (2x)	1.36	3.88	3 (2x)	3.78	1 (2x)	1.36	5.14
	6.1.45.f		2 (2x)	2.52	1 (2x)	1.36	3.88	3 (2x)	3.78	1 (2x)	1.36	5.14
	8.1.45.f		2 (2x)	2.52	1 (2x)	1.36	3.88	4 (2x)	5.04	1 (2x)	1.36	6.40
	1.1.45.f		3 (2x)	3.78	1 (2x)	1.56	5.34	5 (2x)	6.30	1 (2x)	1.56	7.86
	3.1.50.f	Ø500	2 (2x)	3.56	1 (2x)	1.76	5.32	3 (2x)	5.34	1 (2x)	1.76	7.10
	4.1.50.f		2 (2x)	3.56	1 (2x)	1.76	5.32	3 (2x)	5.34	1 (2x)	1.76	7.10
	6.1.50.f		2 (2x)	3.56	1 (2x)	1.76	5.32	3 (2x)	5.34	1 (2x)	1.76	7.10
	8.1.50.f		2 (2x)	3.56	1 (2x)	1.76	5.32	4 (2x)	7.12	1 (2x)	1.76	8.88
	1.1.50.f		3 (2x)	5.34	1 (2x)	1.96	7.30	5 (2x)	8.90	1 (2x)	1.96	10.86
	3.1.56.f	Ø560	2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	4.1.56.f		2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	6.1.56.f		2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	8.1.56.f		2 (2x)	4.08	1 (2x)	1.96	6.04	4 (2x)	8.16	1 (2x)	1.96	10.12
	1.1.56.f		3 (2x)	6.12	1 (2x)	2.14	8.26	5 (2x)	10.20	1 (2x)	2.14	12.34
	3.1.63.f	Ø630	2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	4.1.63.f		2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	6.1.63.f		2 (2x)	4.08	1 (2x)	1.96	6.04	3 (2x)	6.12	1 (2x)	1.96	8.08
	8.1.63.f		3 (2x)	6.12	1 (2x)	1.96	6.04	5 (2x)	10.20	1 (2x)	1.96	12.16
	1.1.63.f		3 (2x)	6.12	1 (2x)	2.14	8.26	5 (2x)	10.20	1 (2x)	2.14	12.34
2x	3.2.40.f	Ø400	1 (2x)	2.32	1 (2x)	2.14	4.46	2 (2x)	4.64	1 (2x)	2.14	6.78
	4.2.40.f		1 (2x)	2.32	1 (2x)	2.14	4.46	2 (2x)	4.64	1 (2x)	2.14	6.78
	6.2.40.f		2 (2x)	4.64	1 (2x)	2.14	6.78	3 (2x)	6.96	1 (2x)	2.14	9.10
	8.2.40.f		2 (2x)	4.64	1 (2x)	2.14	6.78	3 (2x)	6.96	1 (2x)	2.14	9.10
	1.2.40.f		3 (2x)	6.96	1 (2x)	2.34	9.30	4 (2x)	9.28	1 (2x)	2.34	11.62
	3.2.45.f	Ø450	2 (2x)	4.64	1 (2x)	2.14	6.78	3 (2x)	6.96	1 (2x)	2.14	9.10
	4.2.45.f		2 (2x)	4.64	1 (2x)	2.14	6.78	3 (2x)	6.96	1 (2x)	2.14	9.10
	6.2.45.f		2 (2x)	4.64	1 (2x)	2.14	6.78	3 (2x)	6.96	1 (2x)	2.14	9.10
	8.2.45.f		2 (2x)	4.64	1 (2x)	2.14	6.78	4 (2x)	9.28	1 (2x)	2.14	11.42
	1.2.45.f		3 (2x)	6.96	1 (2x)	2.34	9.30	5 (2x)	11.60	1 (2x)	2.34	13.94
	3.2.50.f	Ø500	2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.92	13.78
	4.2.50.f		2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.92	13.78
	6.2.50.f		2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.92	13.78
	8.2.50.f		3 (2x)	7.24	1 (2x)	2.92	10.16	4 (2x)	14.48	1 (2x)	2.92	17.40
	1.2.50.f		3 (2x)	10.86	1 (2x)	3.12	13.98	5 (2x)	18.10	1 (2x)	3.12	21.22
	3.2.56.f	Ø560	2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	4.2.56.f		2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	6.2.56.f		2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	8.2.56.f		3 (2x)	7.76	1 (2x)	3.34	11.10	4 (2x)	15.52	1 (2x)	3.34	18.86
	1.2.56.f		3 (2x)	11.64	1 (2x)	3.52	15.16	5 (2x)	19.40	1 (2x)	3.52	22.92
	3.2.63.f	Ø630	2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	4.2.63.f		2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	6.2.63.f		2 (2x)	7.76	1 (2x)	3.34	11.10	3 (2x)	11.64	1 (2x)	3.34	14.98
	8.2.63.f		3 (2x)	11.64	1 (2x)	3.34	14.98	5 (2x)	19.40	1 (2x)	3.34	22.74
	1.2.63.f		3 (2x)	11.64	1 (2x)	3.52	15.16	5 (2x)	19.40	1 (2x)	3.52	22.92
3x	3.3.45.f	Ø450	2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.95	13.78
	4.3.45.f		2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.95	13.78
	6.3.45.f		2 (2x)	7.24	1 (2x)	2.92	10.16	3 (2x)	10.86	1 (2x)	2.92	13.78
	8.3.45.f		2 (2x)	7.24	1 (2x)	2.92	10.16	4 (2x)	14.48	1 (2x)	2.92	17.40
	1.3.45.f		3 (2x)	10.86	1 (2x)	3.12	13.98	5 (2x)	18.10	1 (2x)	3.12	21.22
	3.3.50.f	Ø500	4 (2x)	9.84	2 (2x)	4.28	14.12	6 (2x)	14.76	2 (2x)	4.28	19.04
	4.3.50.f		4 (2x)	9.84	2 (2x)	4.28	14.12	6 (2x)	14.76	2 (2x)	4.28	19.04
	6.3.50.f		4 (2x)	9.84	2 (2x)	4.28	14.12	6 (2x)	14.76	2 (2x)	4.28	19.04
	8.3.50.f		4 (2x)	9.84	2 (2x)	4.28	14.12	8 (2x)	19.68	2 (2x)	4.28	23.96
	1.3.50.f		6 (2x))	14.76	2 (2x)	4.28	19.04	10 (2x)	24.60	2 (2x)	4.28	28.88
	3.3.56.f	Ø560	4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	4.3.56.f		4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	6.3.56.f		4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	8.3.56.f		4 (2x)	10.32	2 (2x)	4.68	15.00	8 (2x)	20.64	2 (2x)	4.68	25.32
	1.3.56.f		6 (2x)	15.48	2 (2x)	4.68	20.16	10 (2x)	25.80	2 (2x)	4.68	30.48
	3.3.63.f	Ø630	4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	4.3.63.f		4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	6.3.63.f		4 (2x)	10.32	2 (2x)	4.68	15.00	6 (2x)	15.48	2 (2x)	4.68	20.16
	8.3.63.f		6 (2x)	15.48	2 (2x)	4.68	20.16	10 (2x)	25.80	2 (2x)	4.68	30.48
	1.3.63.f		6 (2x)	15.48	2 (2x)	4.68	20.16	10 (2x)	25.80	2 (2x)	4.68	30.48

f = Fin spacing
* = Always heavy electric defrost when using cooling mediums.

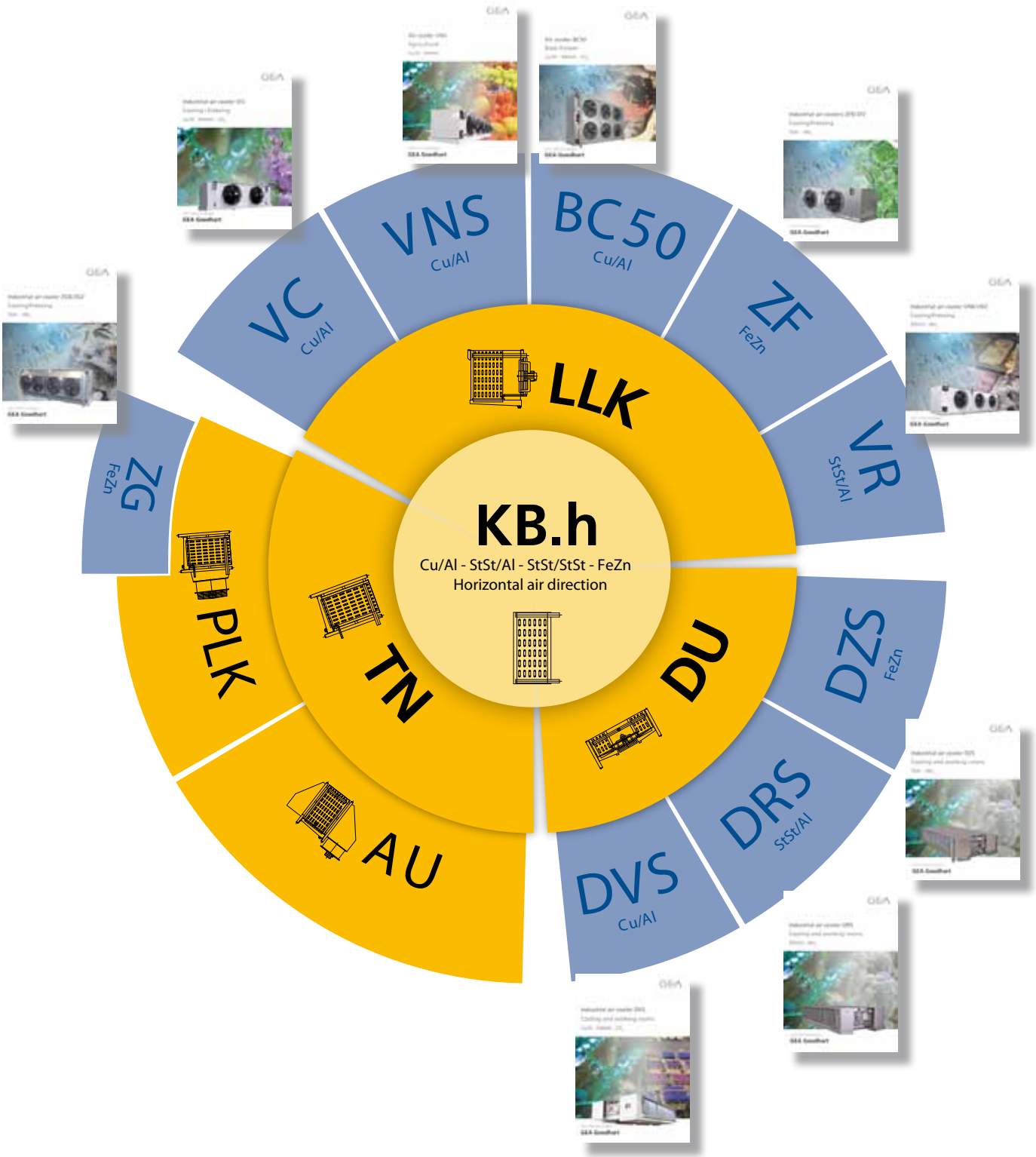
Goedhart DVS Electrical defrost

	Type DVS	Fan	Light defrost					Heavy defrost				
			Coil block (230V)		Drip tray (200V)		Total (3x400V)	Coil block (230V)		Drip tray (200V)		Total (3x400V)
			number	kW	number	kW	kW	number	kW	number	kW	kW
4x	3.4.45.f	Ø450	2 (2x)	8.80	1 (2x)	3.74	12.54	3 (2x)	13.20	1 (2x)	3.74	16.94
	4.4.45.f		2 (2x)	8.80	1 (2x)	3.74	12.54	3 (2x)	13.20	1 (2x)	3.74	16.94
	6.4.45.f		2 (2x)	8.80	1 (2x)	3.74	12.54	3 (2x)	13.20	1 (2x)	3.74	16.94
	8.4.45.f		2 (2x)	8.80	1 (2x)	3.74	12.54	4 (2x)	17.60	1 (2x)	3.74	21.34
	1.4.45.f		3 (2x)	13.20	1 (2x)	3.92	17.12	5 (2x)	22.00	1 (2x)	3.92	25.92
	3.4.50.f	Ø500	4 (2x)	12.40	2 (2x)	5.48	17.88	6 (2x)	18.60	2 (2x)	5.48	24.08
	4.4.50.f		4 (2x)	12.40	2 (2x)	5.48	17.88	6 (2x)	18.60	2 (2x)	5.48	24.08
	6.4.50.f		4 (2x)	12.40	2 (2x)	5.48	17.88	6 (2x)	18.60	2 (2x)	5.48	24.08
	8.4.50.f		4 (2x)	12.40	2 (2x)	5.48	17.88	8 (2x)	24.80	2 (2x)	5.48	30.28
	1.4.50.f		6 (2x)	18.60	2 (2x)	5.48	24.08	10 (2x)	31.00	2 (2x)	5.48	36.48
	3.4.56.f	Ø560	4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	4.4.56.f		4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	6.4.56.f		4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	8.4.56.f		4 (2x)	14.48	2 (2x)	5.84	20.32	8 (2x)	28.96	2 (2x)	5.84	34.80
	1.4.56.f		6 (2x)	21.72	2 (2x)	5.84	27.56	10 (2x)	36.20	2 (2x)	5.84	42.04
	3.4.63.f	Ø630	4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	4.4.63.f		4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	6.4.63.f		4 (2x)	14.48	2 (2x)	5.84	20.32	6 (2x)	21.72	2 (2x)	5.84	27.56
	8.4.63.f		6 (2x)	21.72	2 (2x)	5.84	27.56	10 (2x)	36.20	2 (2x)	5.84	42.04
	1.4.63.f		6 (2x)	21.72	2 (2x)	5.84	27.56	10 (2x)	36.20	2 (2x)	5.84	42.04
5x	3.5.50.f	Ø500	4 (2x)	15.52	2 (2x)	6.68	22.20	6 (2x)	23.28	2 (2x)	6.68	29.96
	4.5.50.f		4 (2x)	15.52	2 (2x)	6.68	22.20	6 (2x)	23.28	2 (2x)	6.68	29.96
	6.5.50.f		4 (2x)	15.52	2 (2x)	6.68	22.20	6 (2x)	23.28	2 (2x)	6.68	29.96
	8.5.50.f		4 (2x)	15.52	2 (2x)	6.68	22.20	8 (2x)	31.04	2 (2x)	6.68	37.72
	1.5.50.f		6 (2x)	23.28	2 (2x)	6.68	29.96	10 (2x)	38.80	2 (2x)	6.68	45.48
	3.5.56.f	Ø560	4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	4.5.56.f		4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	6.5.56.f		4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	8.5.56.f		4 (2x)	17.60	2 (2x)	7.04	24.64	8 (2x)	35.20	2 (2x)	7.04	42.24
	1.5.56.f		6 (2x)	26.40	2 (2x)	7.04	33.44	10 (2x)	44.00	2 (2x)	7.04	51.04
	3.5.63.f	Ø630	4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	4.5.63.f		4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	6.5.63.f		4 (2x)	17.60	2 (2x)	7.04	24.64	6 (2x)	26.40	2 (2x)	7.04	33.44
	8.5.63.f		6 (2x)	26.40	2 (2x)	7.04	33.44	10 (2x)	44.00	2 (2x)	7.04	51.04
	1.5.63.f		6 (2x)	26.40	2 (2x)	7.04	33.44	10 (2x)	44.00	2 (2x)	7.04	51.04
6x	3.6.50.f	Ø500	4 (2x)	18.64	2 (2x)	7.84	26.48	6 (2x)	27.96	2 (2x)	7.84	35.80
	4.6.50.f		4 (2x)	18.64	2 (2x)	7.84	26.48	6 (2x)	27.96	2 (2x)	7.84	35.80
	6.6.50.f		4 (2x)	18.64	2 (2x)	7.84	26.48	6 (2x)	27.96	2 (2x)	7.84	35.80
	8.6.50.f		4 (2x)	18.64	2 (2x)	7.84	26.48	8 (2x)	37.28	2 (2x)	7.84	45.12
	1.6.50.f		6 (2x)	27.96	2 (2x)	7.84	35.80	10 (2x)	46.60	2 (2x)	7.84	54.44
	3.6.56.f	Ø560	4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	4.6.56.f		4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	6.6.56.f		4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	8.6.56.f		4 (2x)	20.80	2 (2x)	8.32	29.12	8 (2x)	41.60	2 (2x)	8.32	49.92
	1.6.56.f		6 (2x)	31.40	2 (2x)	8.32	39.52	10 (2x)	52.00	2 (2x)	8.32	60.32
	3.6.63.f	Ø630	4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	4.6.63.f		4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	6.6.63.f		4 (2x)	20.80	2 (2x)	8.32	29.12	6 (2x)	31.20	2 (2x)	8.32	39.52
	8.6.63.f		6 (2x)	31.40	2 (2x)	8.32	39.52	10 (2x)	52.00	2 (2x)	8.32	60.32
	1.6.63.f		6 (2x)	31.70	2 (2x)	8.32	39.52	10 (2x)	52.00	2 (2x)	8.32	60.32

f = Fin spacing
* = Always heavy electric defrost when using cooling mediums.

Goedhart industrial air coolers

Catalogue ranges





GEA Goedhart air coolers for every application

For Contractors and Original Equipment Manufacturers (OEM) related to the industrial refrigeration industry, GEA Goedhart B.V. offers an unlimited range of air coolers and air cooled condensers in several configurations.

Depending on the application, the optimum configuration will be selected in close cooperation with our customers.











Configurations
The following material combinations are available in various tube pitches and various fin spacing:

Tube material	Fin material
Copper (Cu)	Aluminium (Al)
Stainless steel (Stst)	Aluminium (Al)
Stainless steel (Stst)	Stainless steel (Stst)
Aluminium (Al)	Aluminium (Al)
Hot dipped galvanized steel (FeZn)	Hot dipped galvanized steel (FeZn)

Options on aluminium fins
- Goldlack coated fins
- Seawater resistant aluminium fins (AlMg)

Applications

Cooling	Freezing
Cold stores / Distribution centres	Cold stores / Distribution centres
Food processing rooms	Tunnel / spiral freezers
Fruit storage	Slaughter houses
Banana ripening storage	Automotive testing rooms
Greenhouse conditioning	Ski domes

Pressure Equipment Directive (P.E.D.)
All aircoolers produced by Goedhart comply with the Pressure Equipment Directive 97/23/EC. PED certificates can be downloaded from www.goedhart.nl.

Excellence Passion Integrity Responsibility GEA-versity

GEA Group is a global mechanical engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881 the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX Europe 600 Index.

GEA Heat Exchangers

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