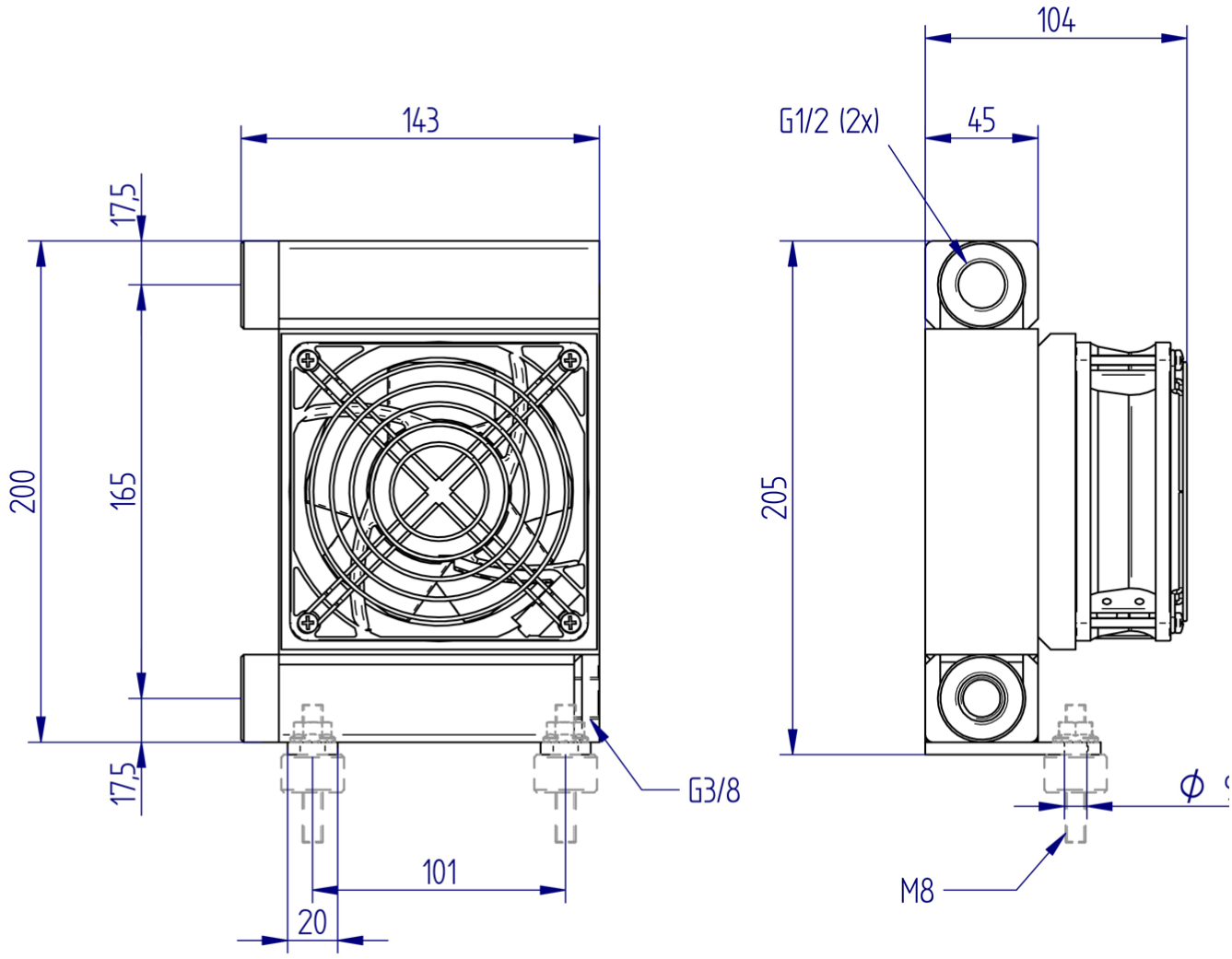
HY series

HY005.1-01A

AIR-OIL HEAT EXCHANGERS

IP20

230 Volt

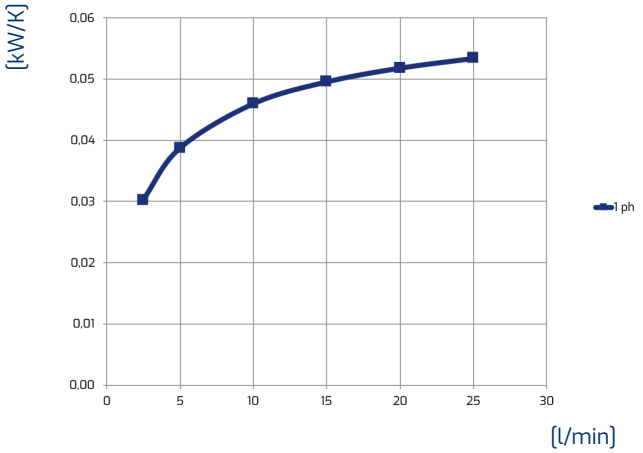


Technical data

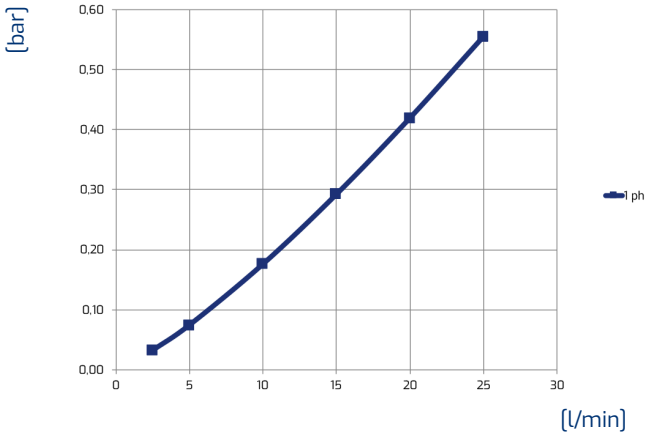
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY005.1-01A	2,5-25	0,6	3	230	50/60	0,15	30	115	240	47	

Performance

Pressure drop



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

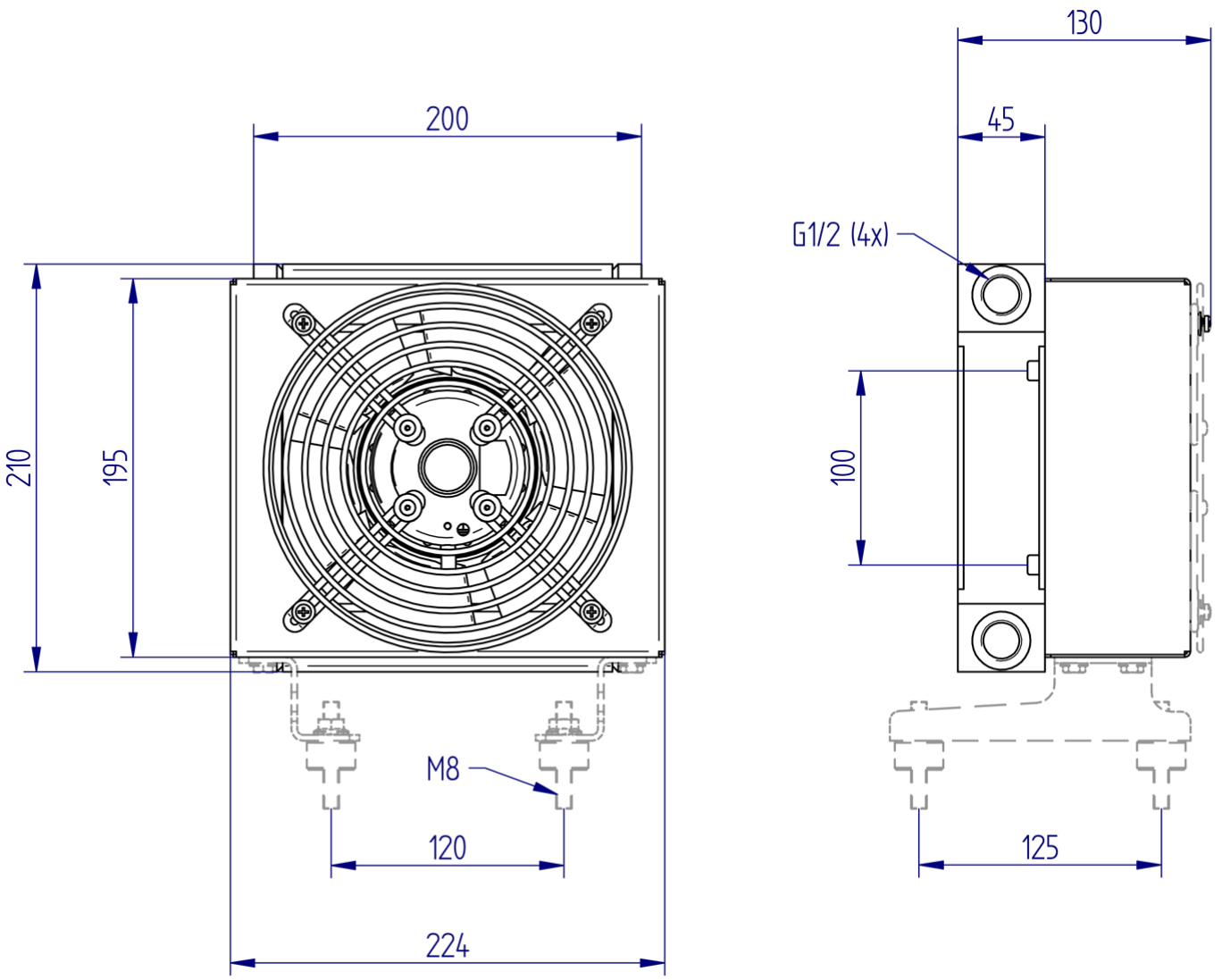
HY series

HY010.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

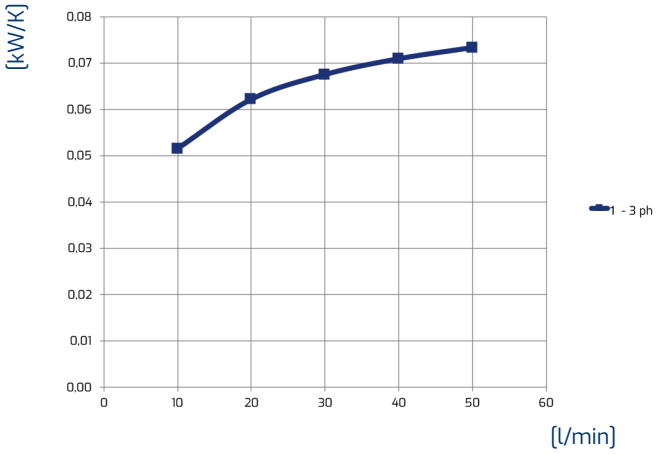


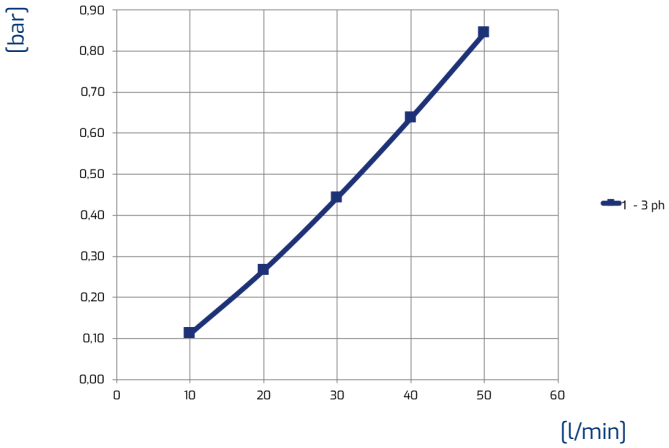
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY010.1-01A	10-50	0,7	5	230	50/60	0,23	47	170	330	62	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

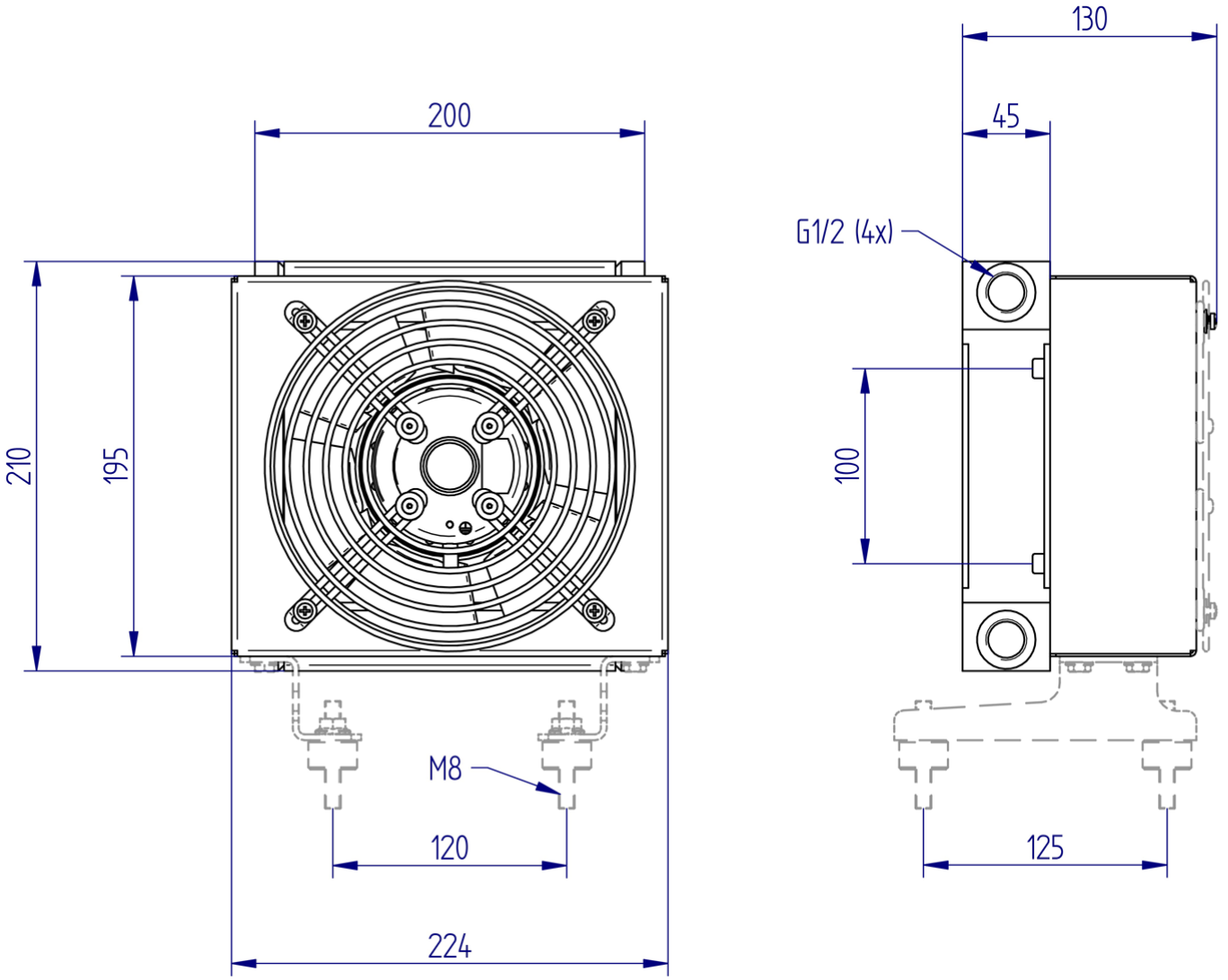
HY series

HY010.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

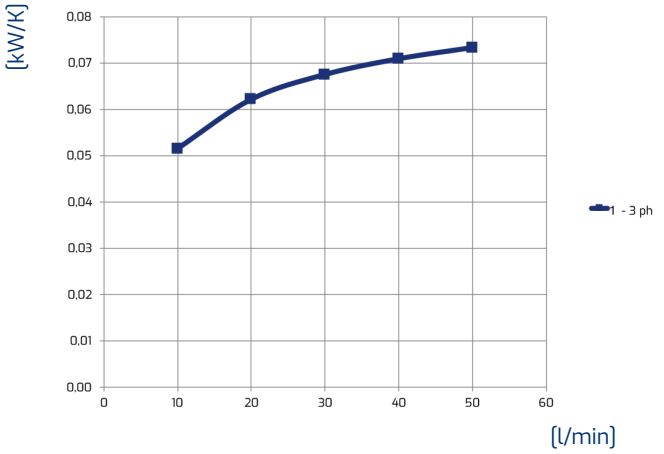


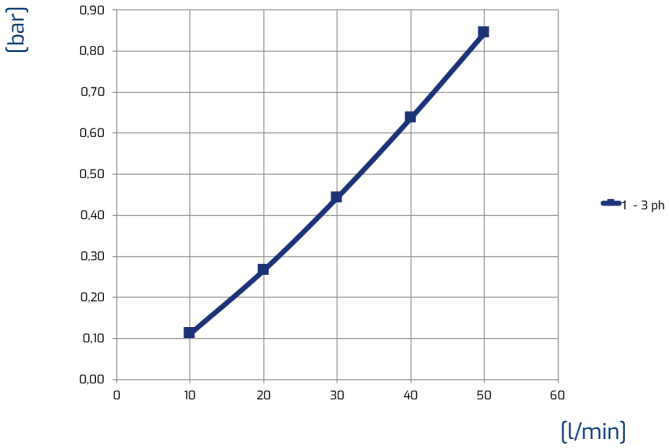
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY010.1-03A	10-50	0,7	5	230/400	50/60	0,12	44	170	340	59	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

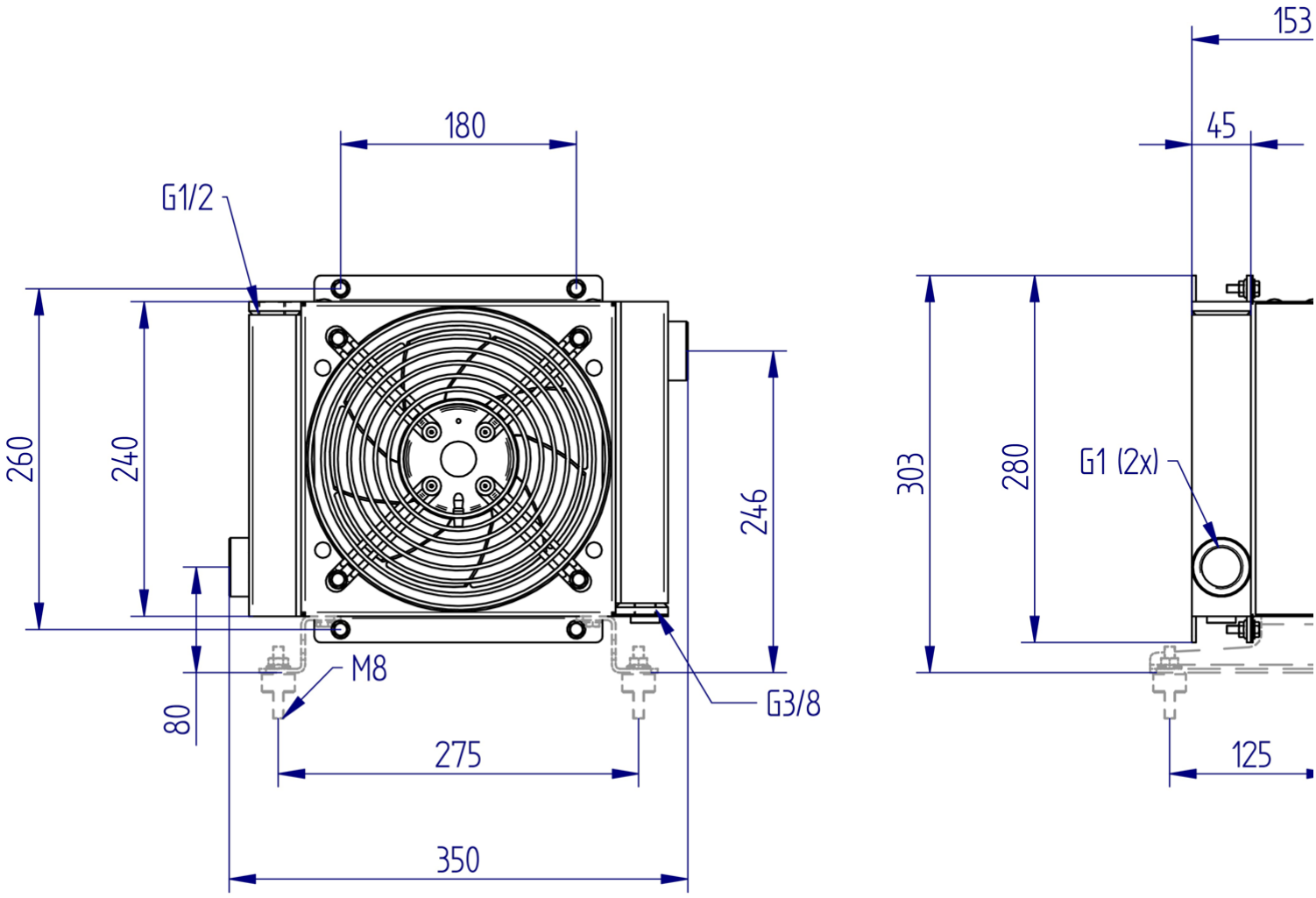
HY series

HY016.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

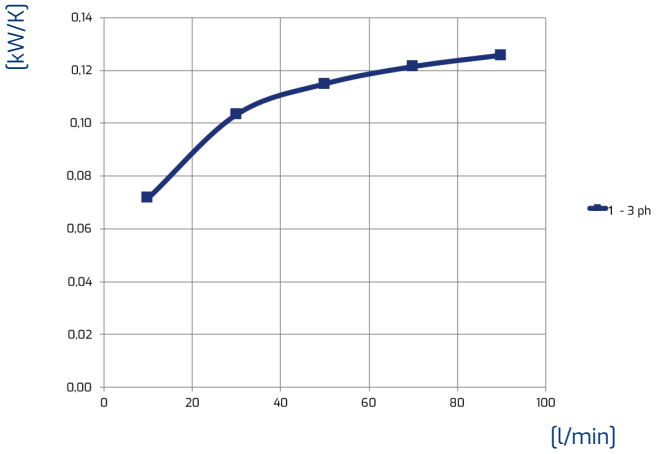


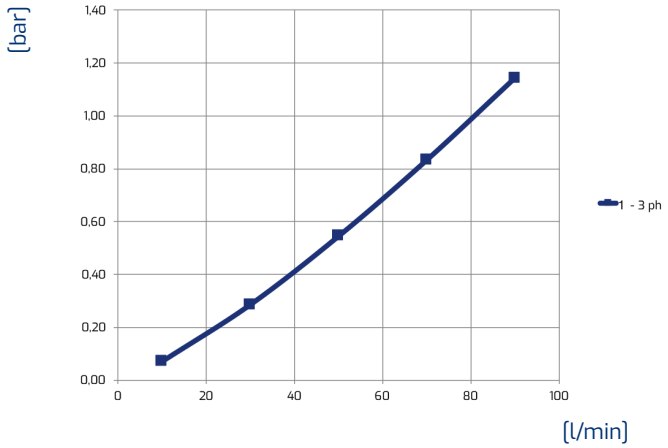
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY016.1-01A	10-90	0,7	7	230	50/60	0,34	64	200	735	65	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

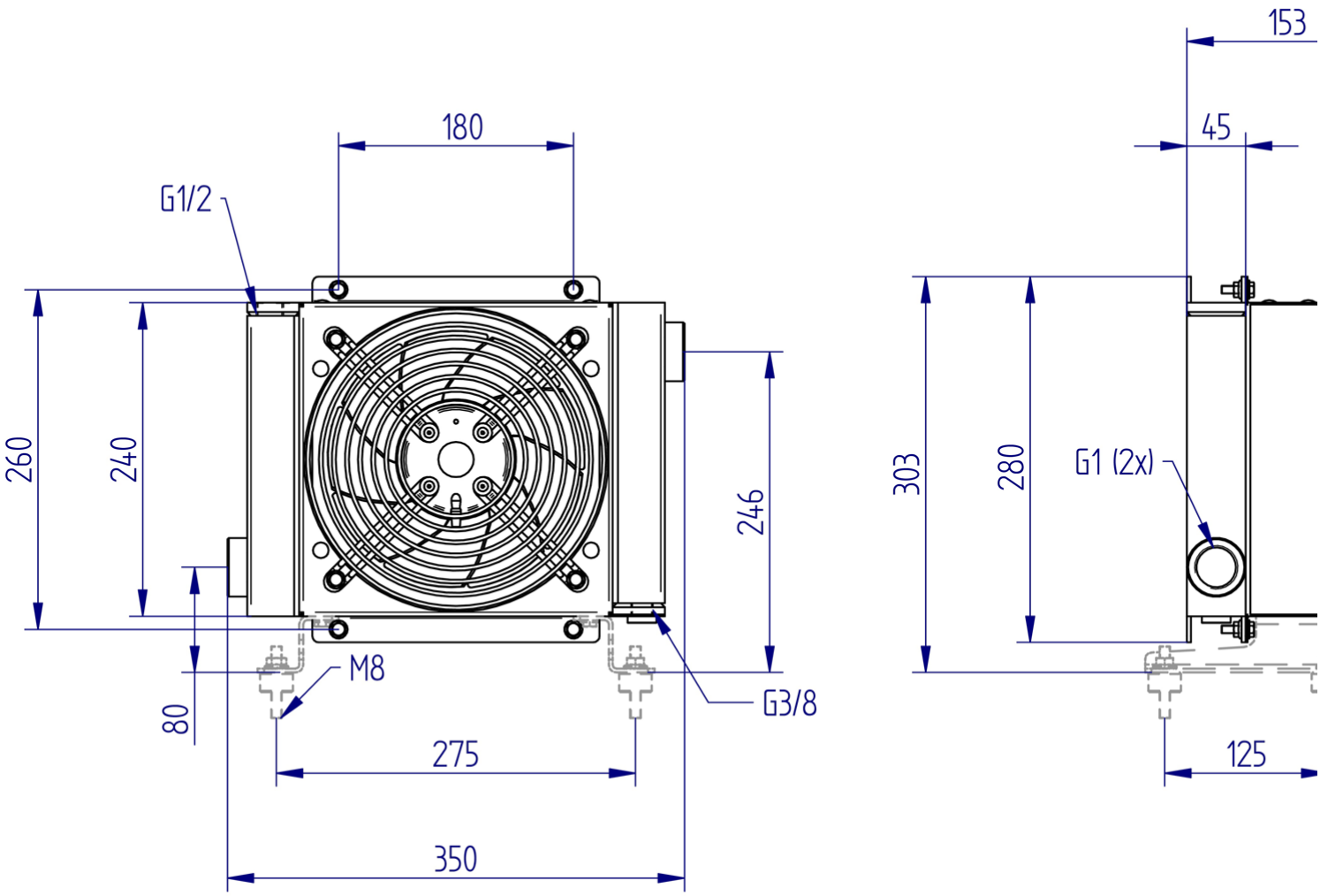
HY series

HY016.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

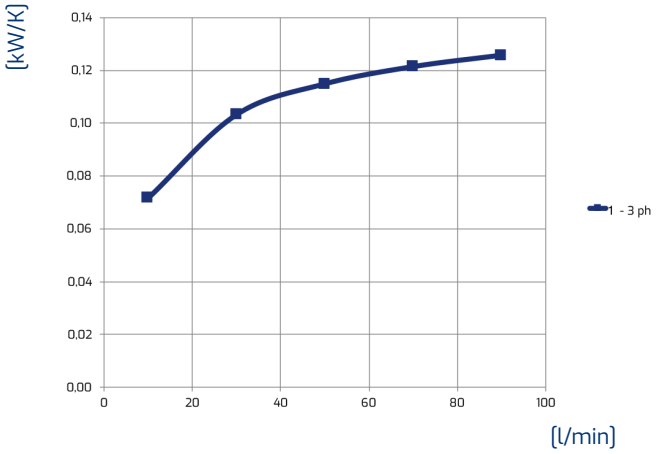


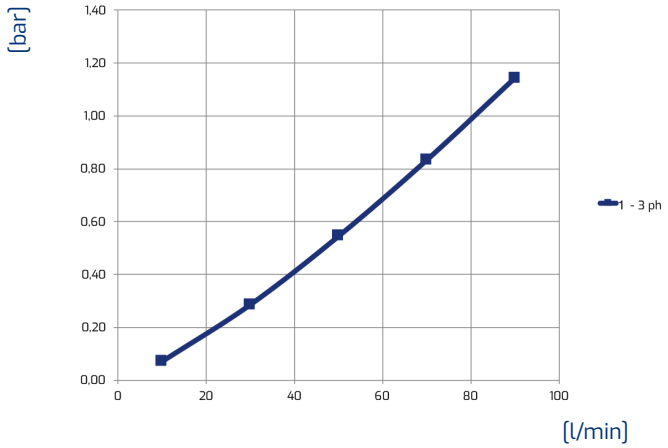
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY016.1-03A	10-90	0,7	7	230/400	50/60	0,17	68	200	745	65	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

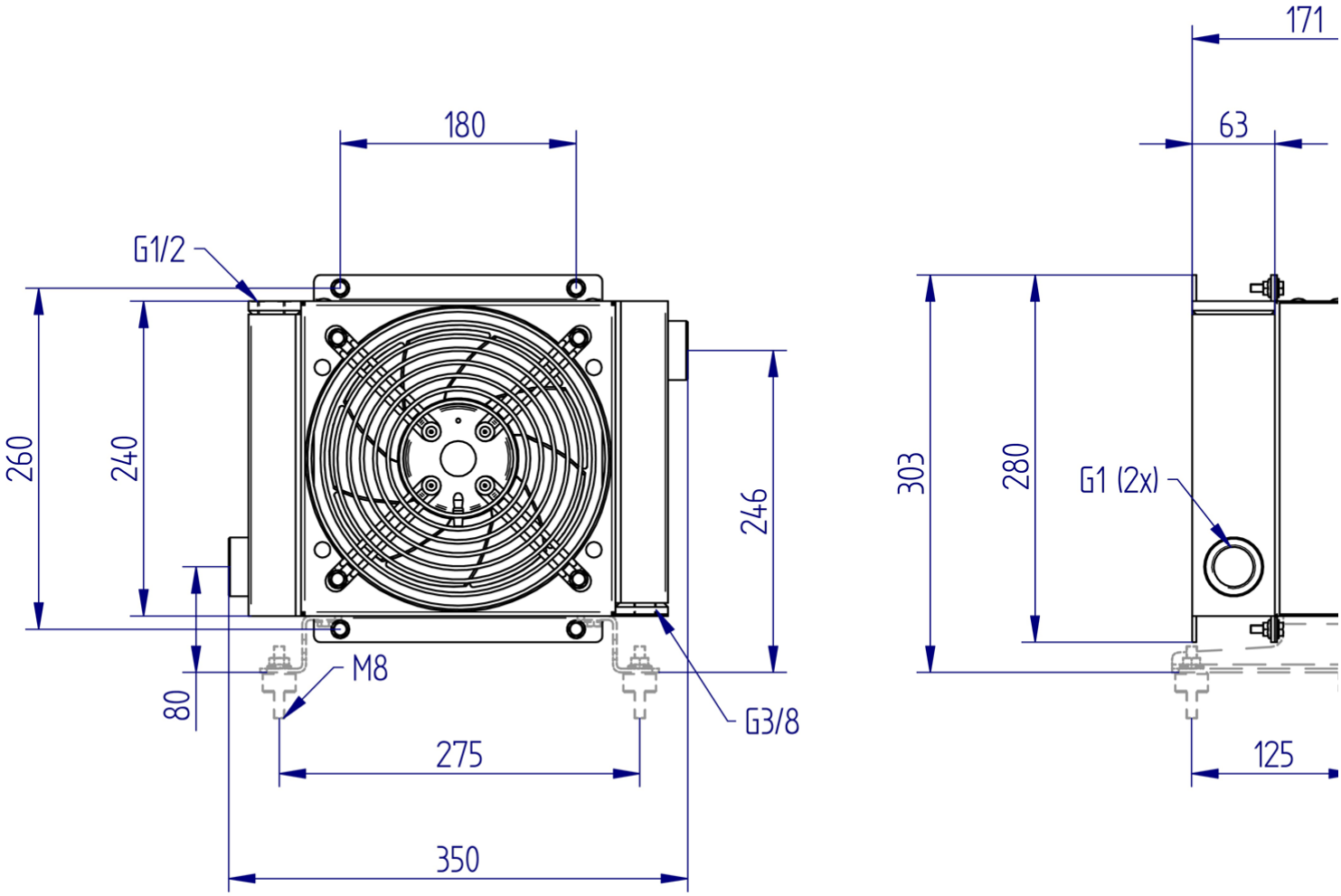
HY series

HY018.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

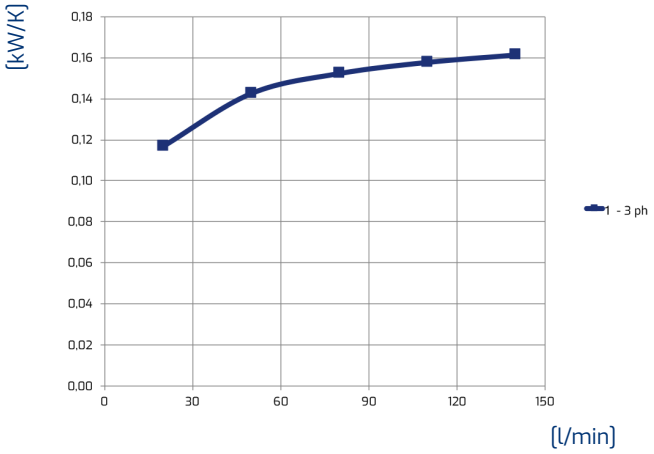


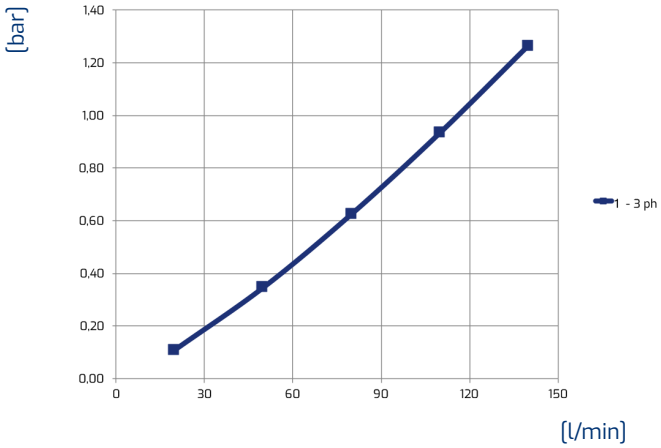
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY018.1-01A	20-140	1,5	8,5	230	50/60	0,30	69	200	680	65	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

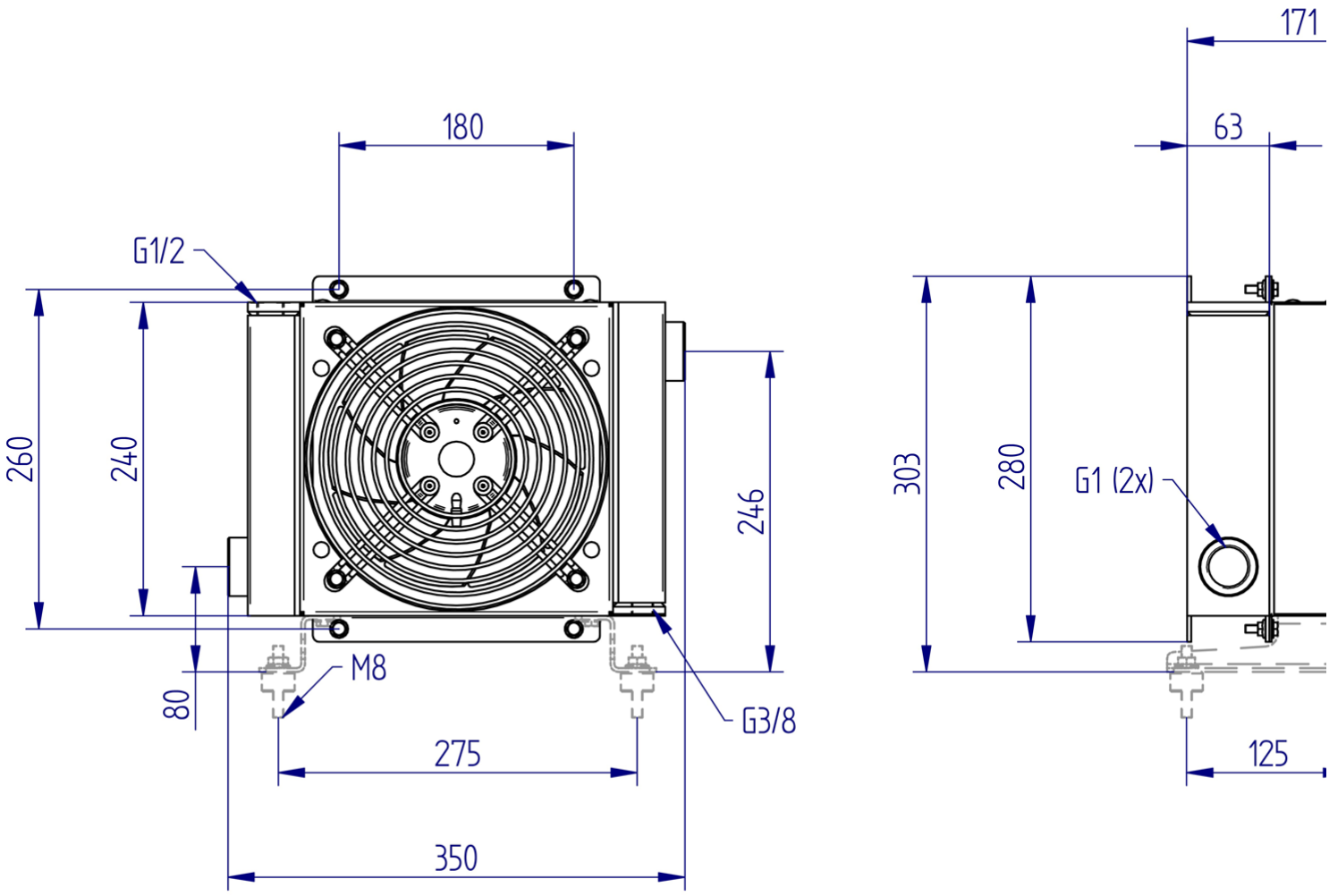
HY series

HY018.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

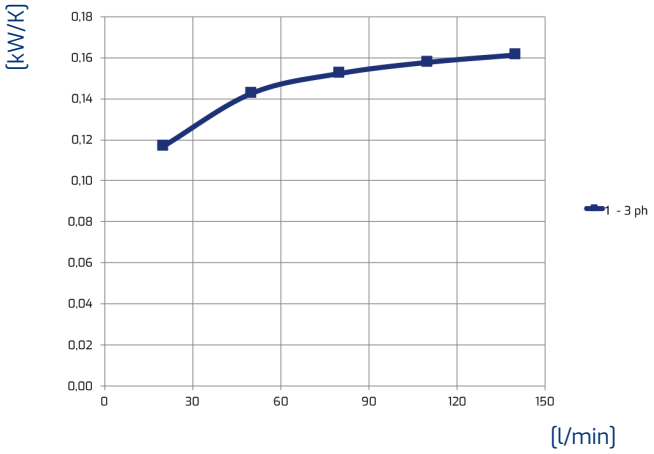


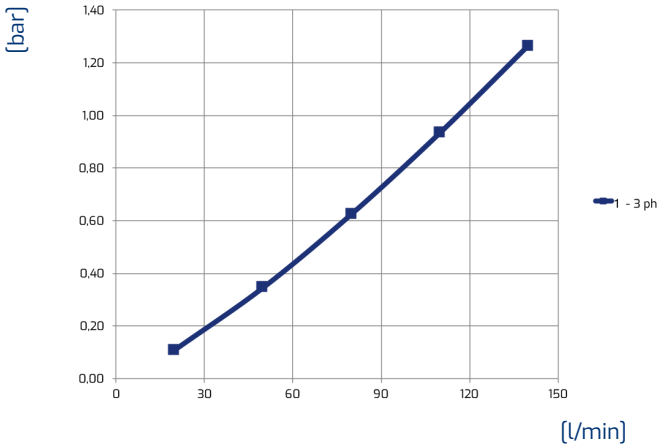
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY018.1-03A	20-140	1,5	8,5	230/400	50/60	0,17	68	200	680	65	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

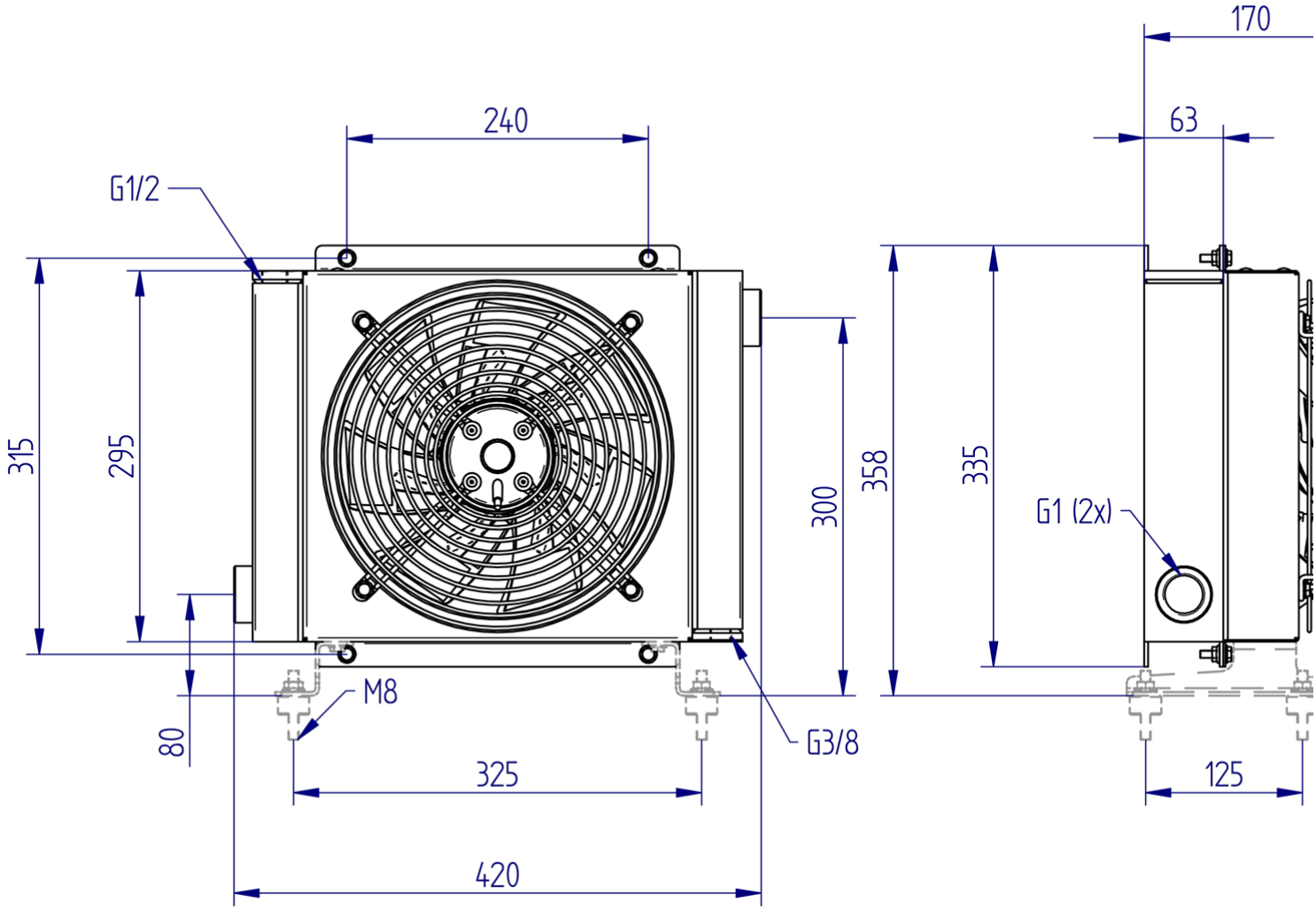
HY series

HY024.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

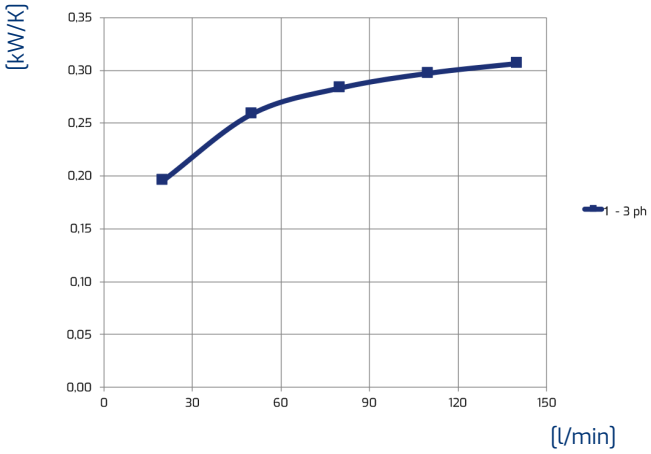


Technical data

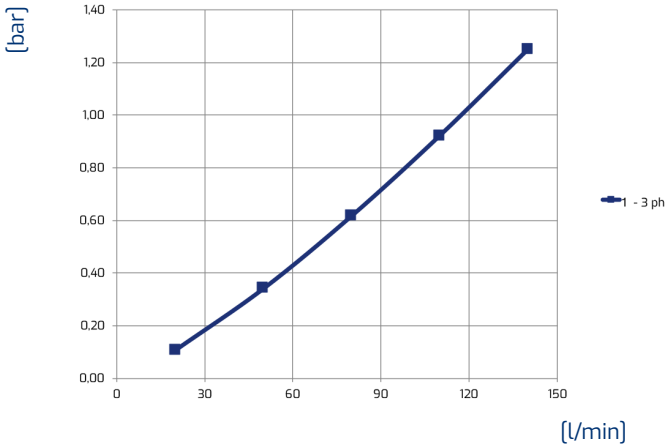
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY024.1-01A	20-140	2	12	230	50/60	0,57	125	250	1280	68	

Performance

Pressure drop



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

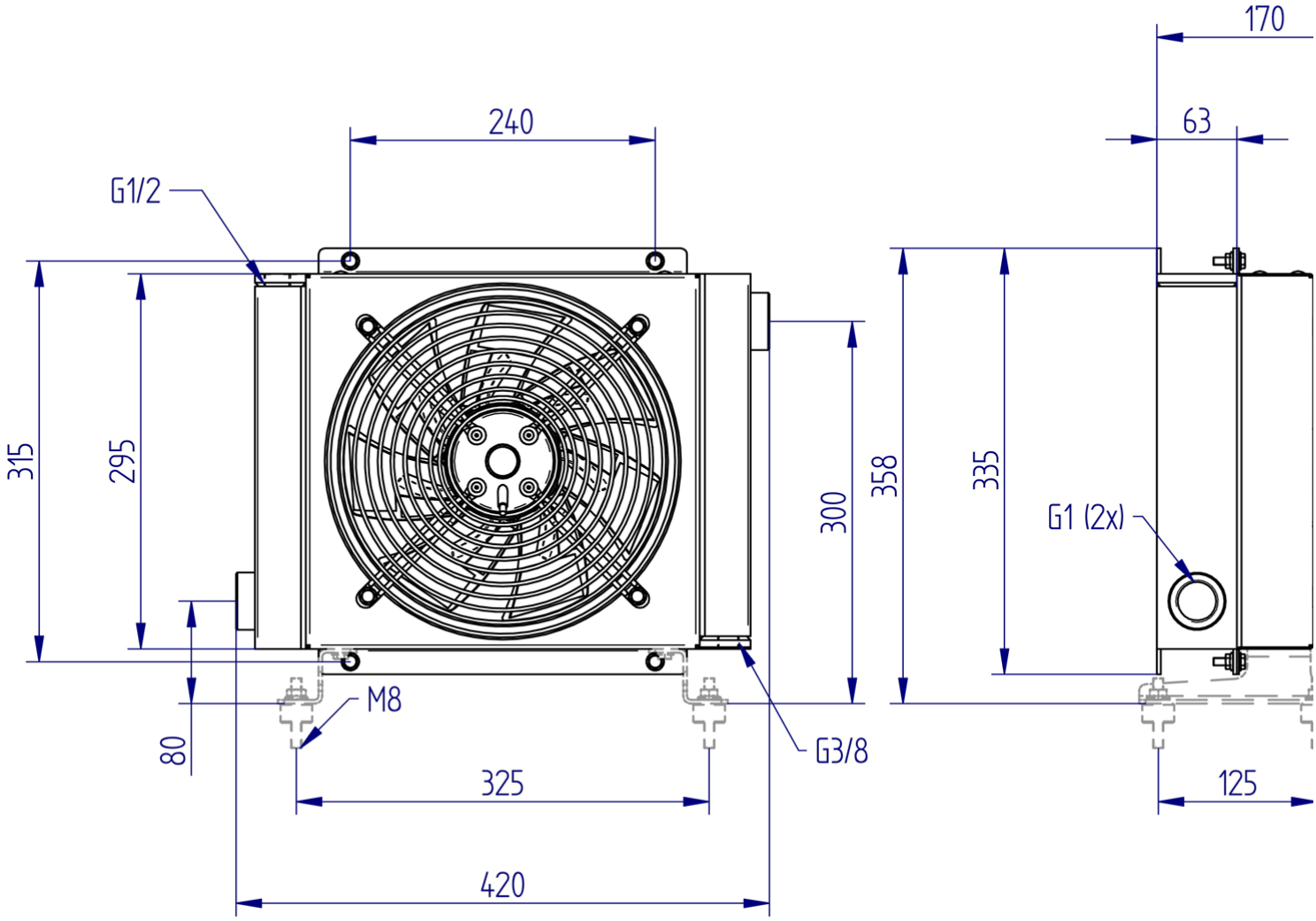
HY series

HY024.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

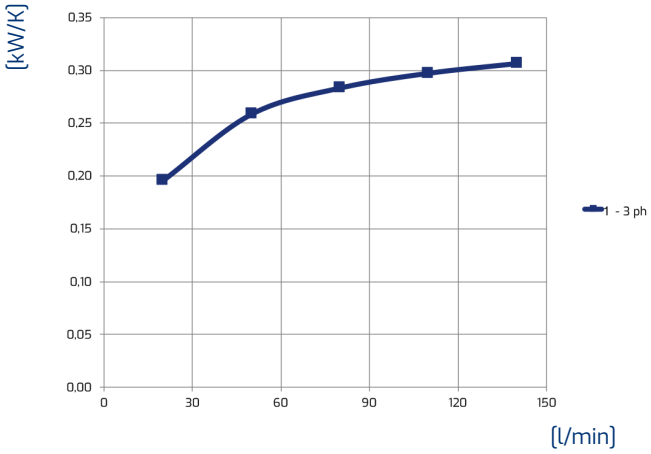


Technical data

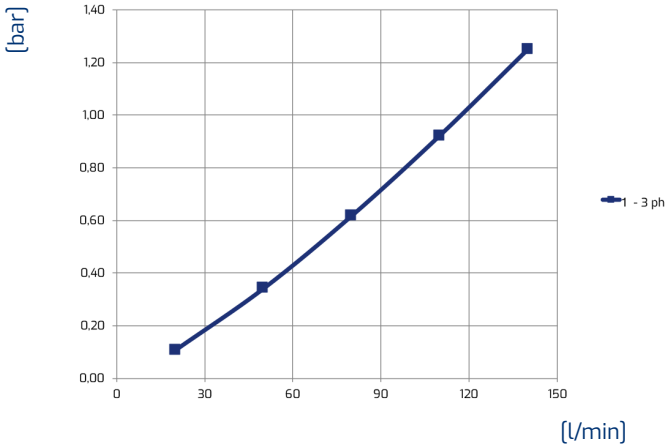
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY024.1-03A	20-140	2	12	230/400	50/60	0,24	154	250	1300	69	

Performance

Pressure drop



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

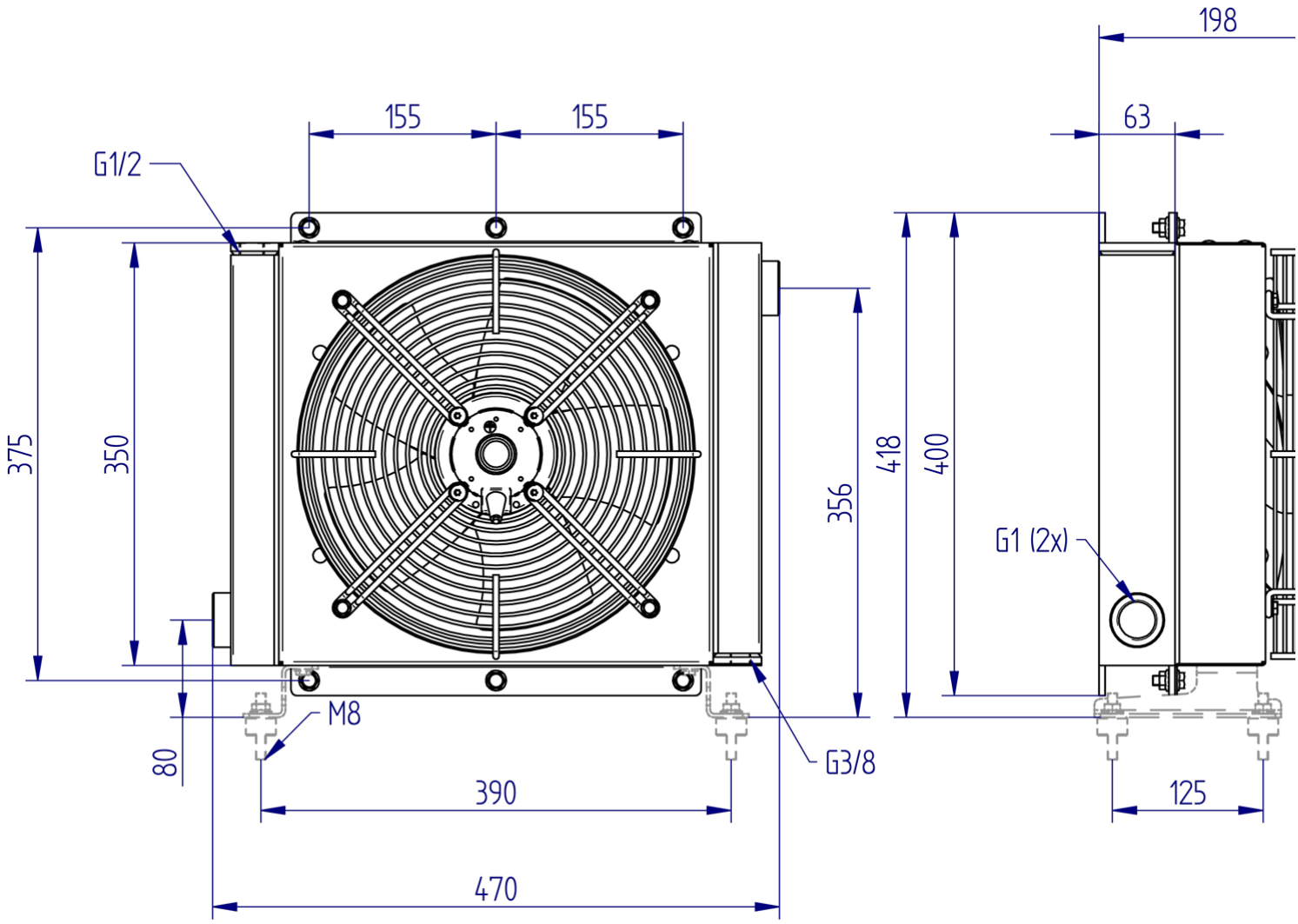
HY series

HY038.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

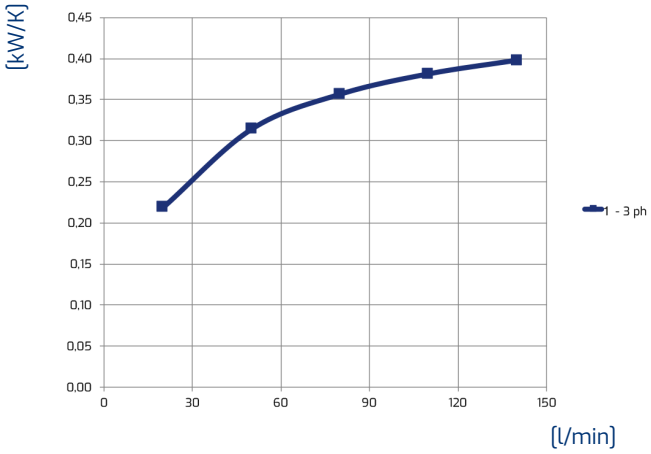


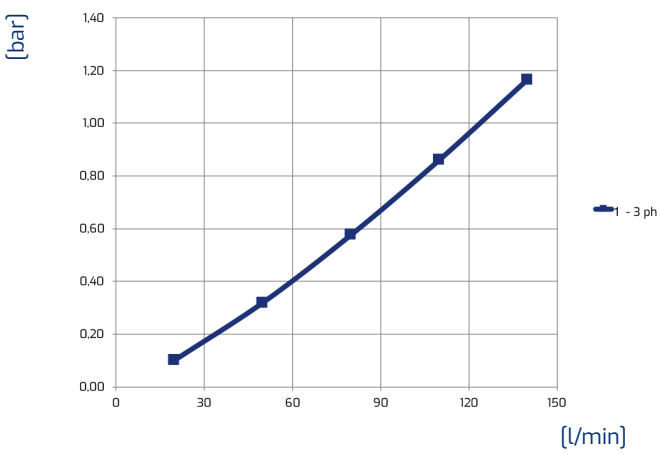
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY038.1-01A	20-140	2,5	14,5	230	50/60	1,20	280	300	2160	73	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

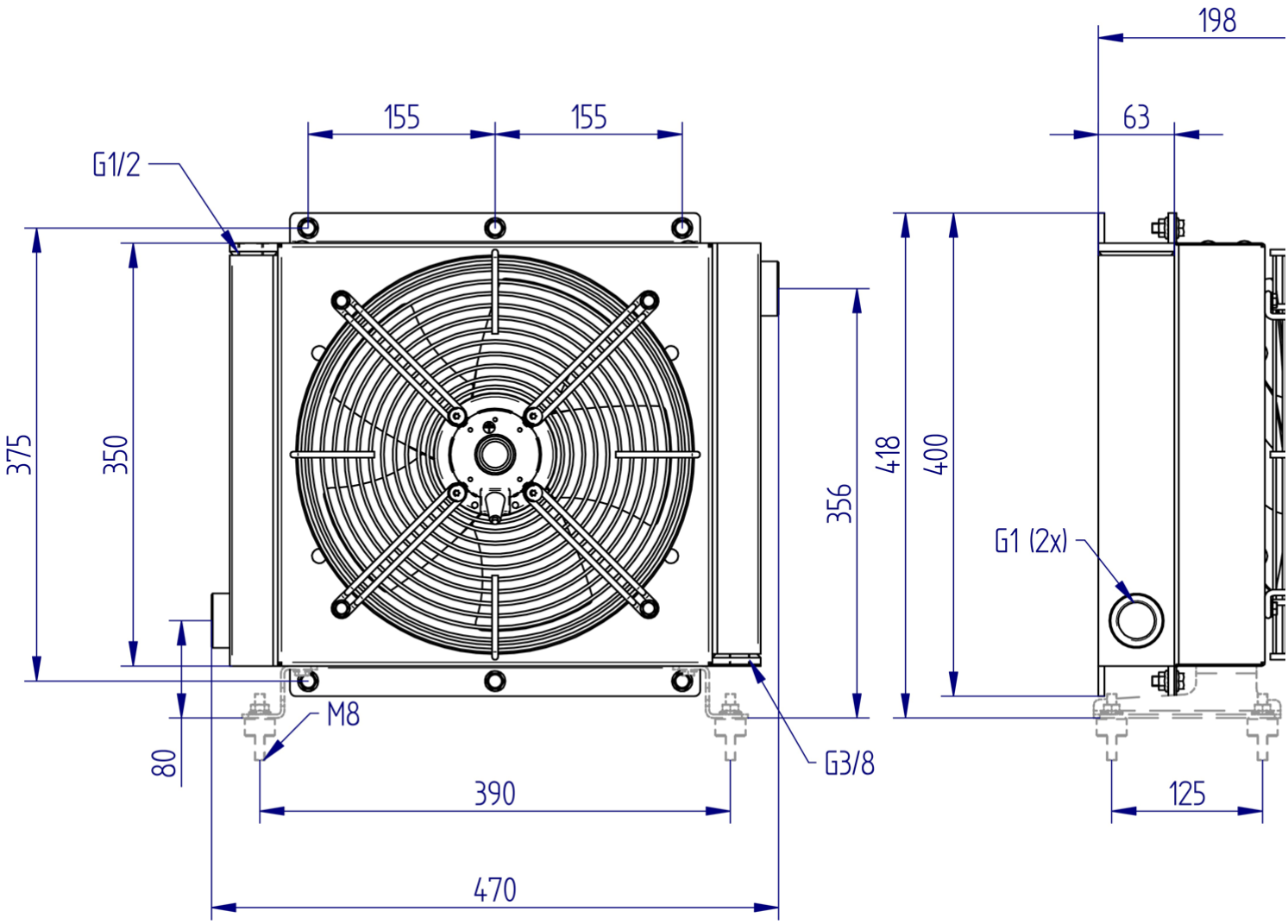
HY series

HY038.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

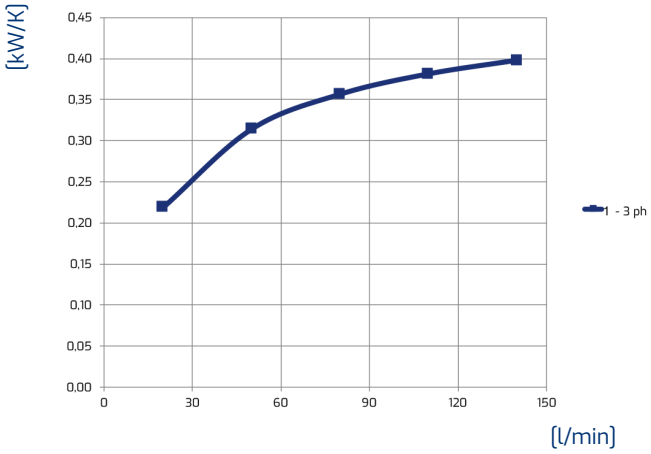


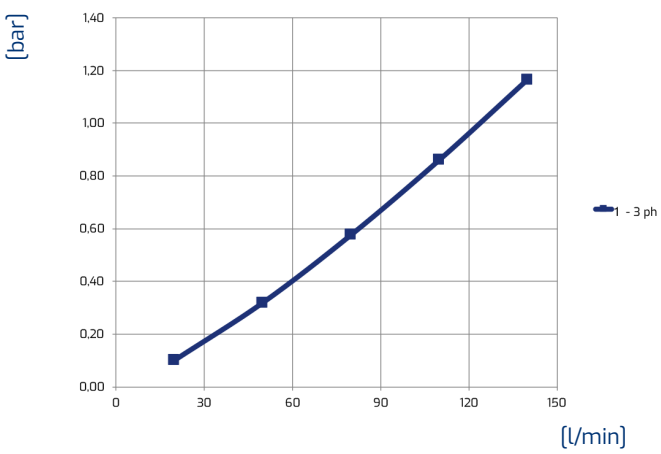
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY038.1-03A	20-140	2,5	14,5	230/400	50/60	0,36	210	300	2150	72	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

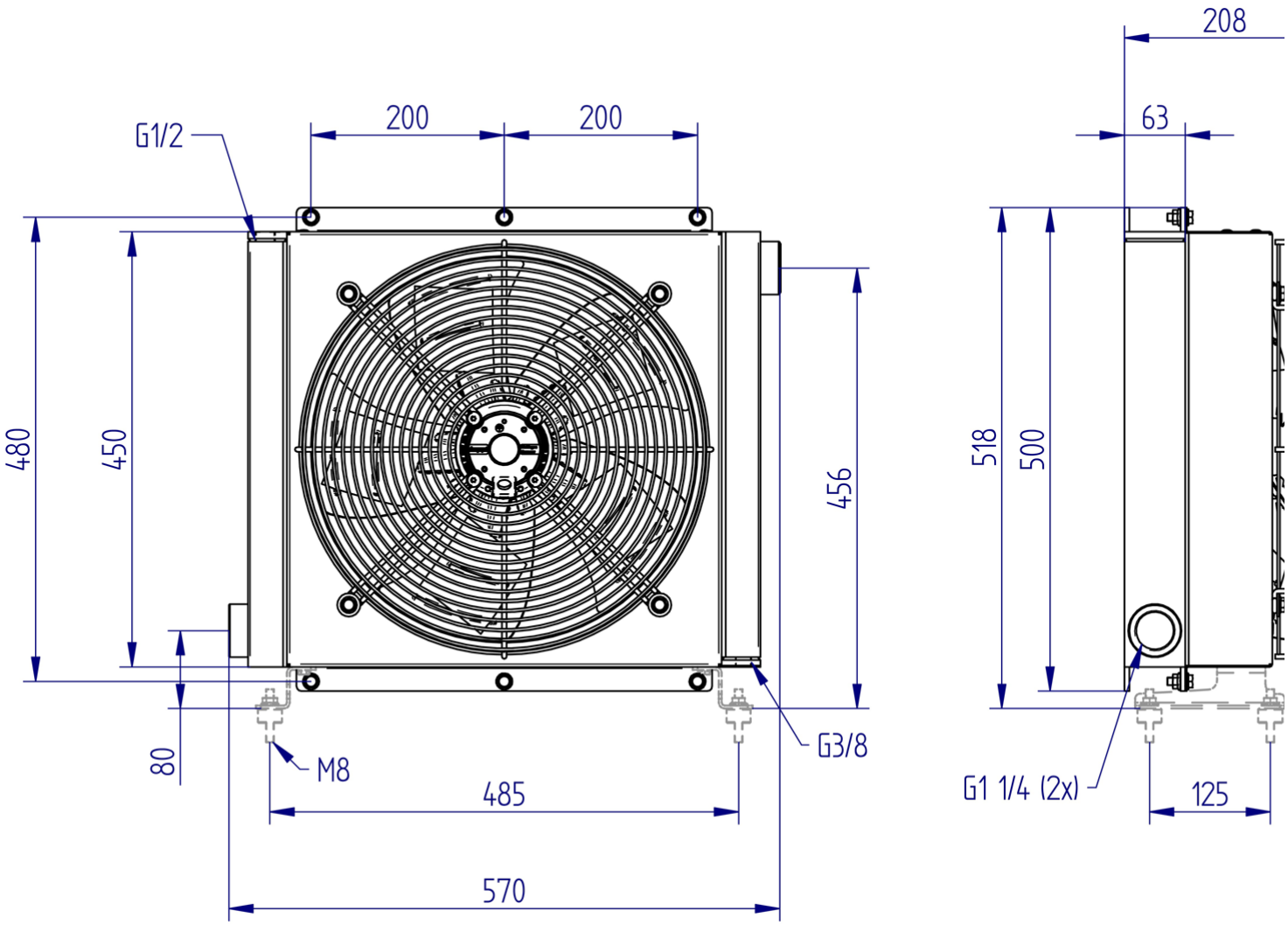
HY series

HY057.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt

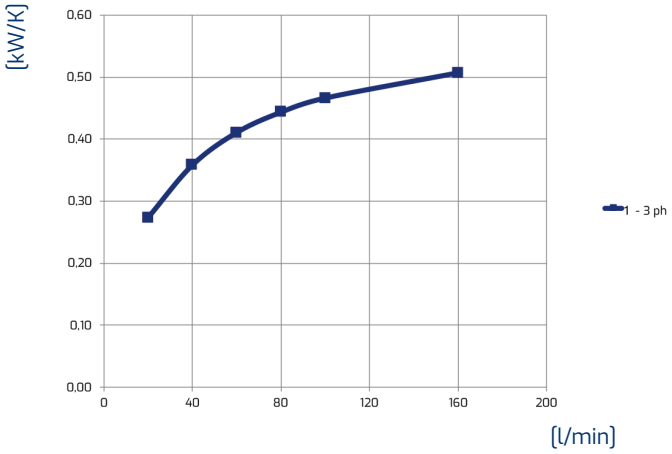


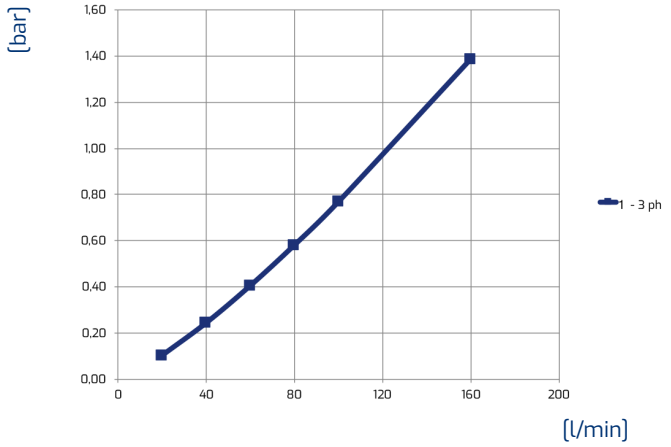
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY057.1-01A	20-160	3,7	19,5	230	50/60	0,30	127	400	1830	69	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

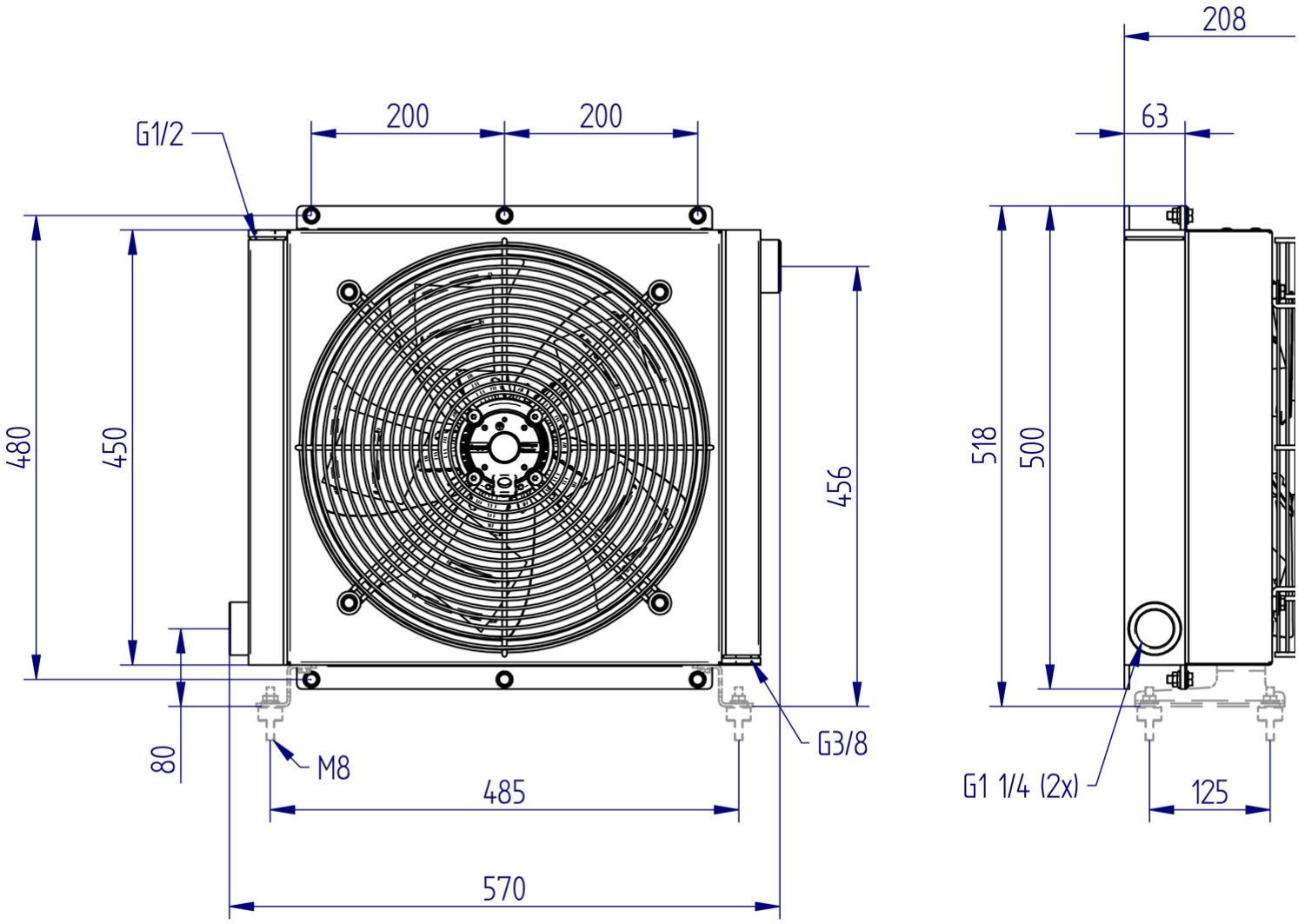
HY series

HY057.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

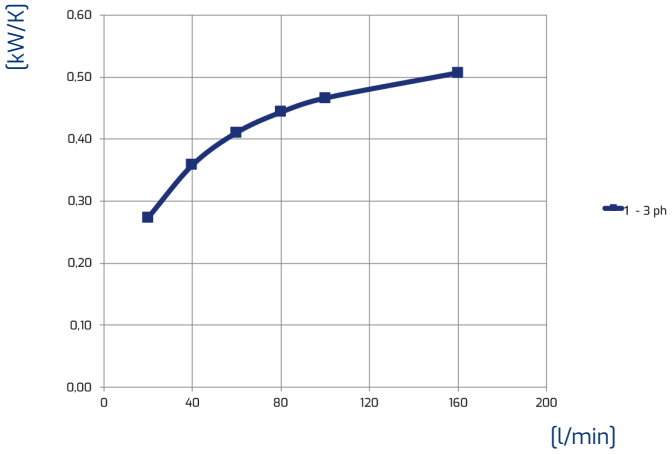


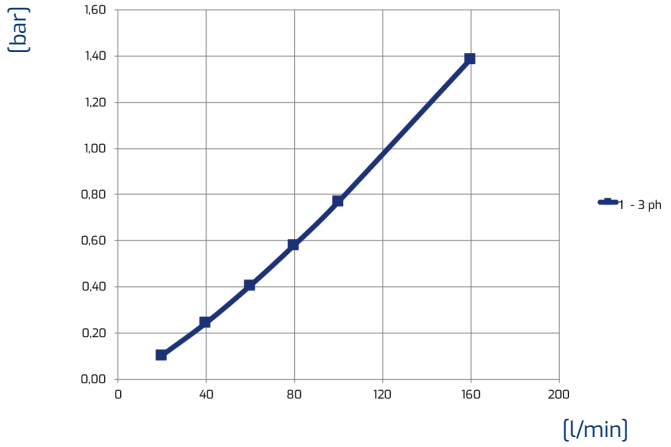
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY057.1-03A	20-160	3,7	19,5	230/400	50/60	0,58	134	400	1820	68	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

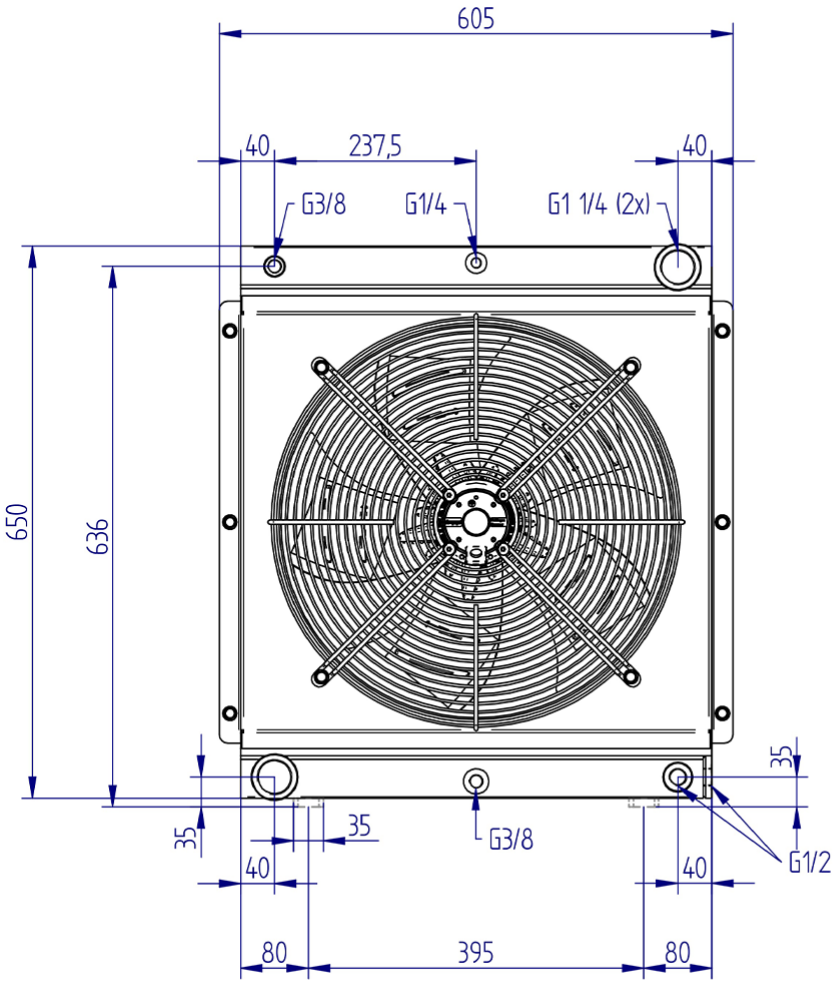
HY series

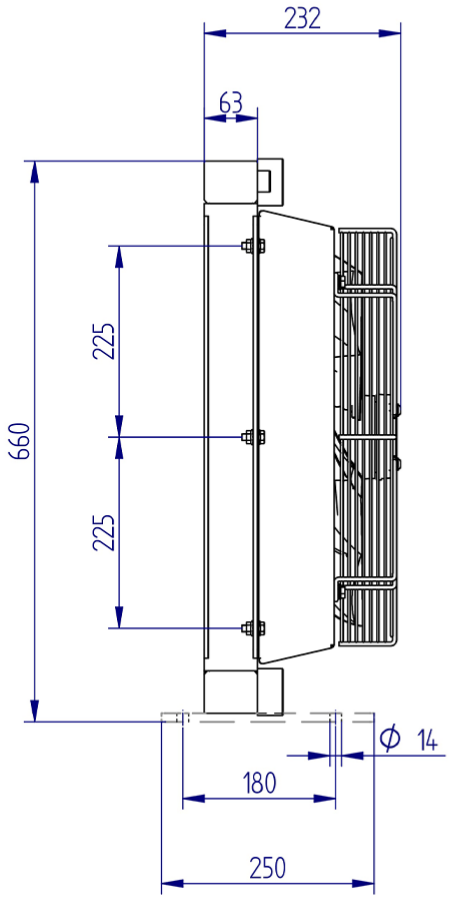
HY090.1-01A

AIR-OIL HEAT EXCHANGERS

IP44

230 Volt



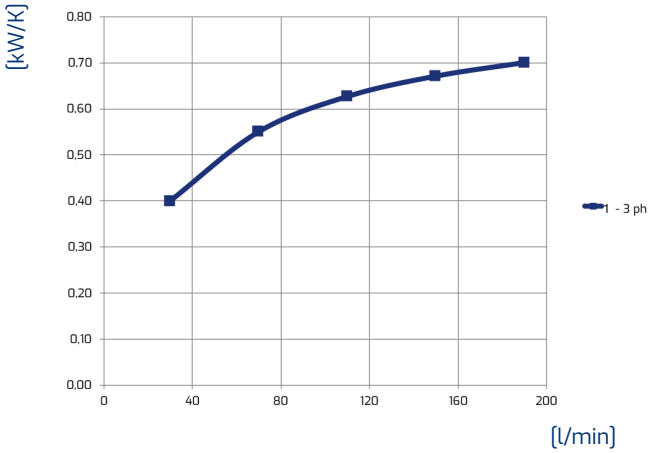


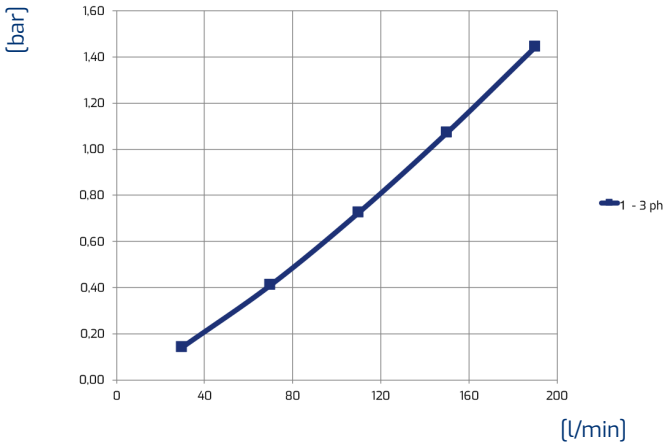
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY090.1-01A	30-190	5,3	31	230	50/60	1,55	245	450	1830	73	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

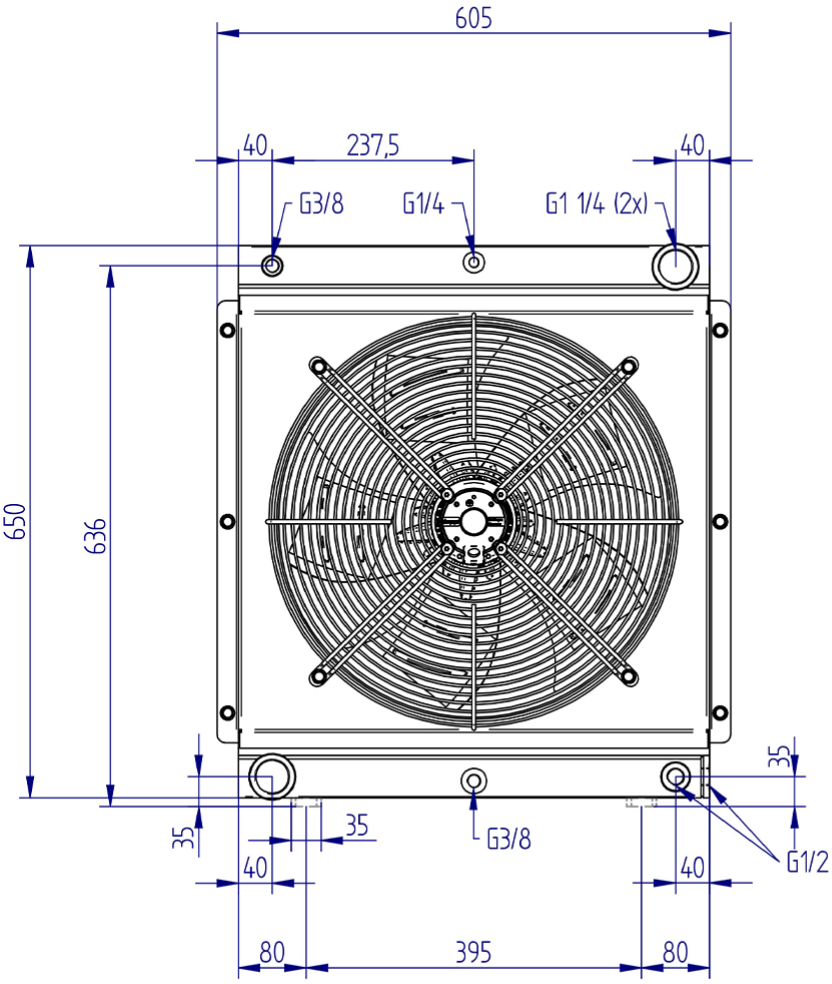
HY series

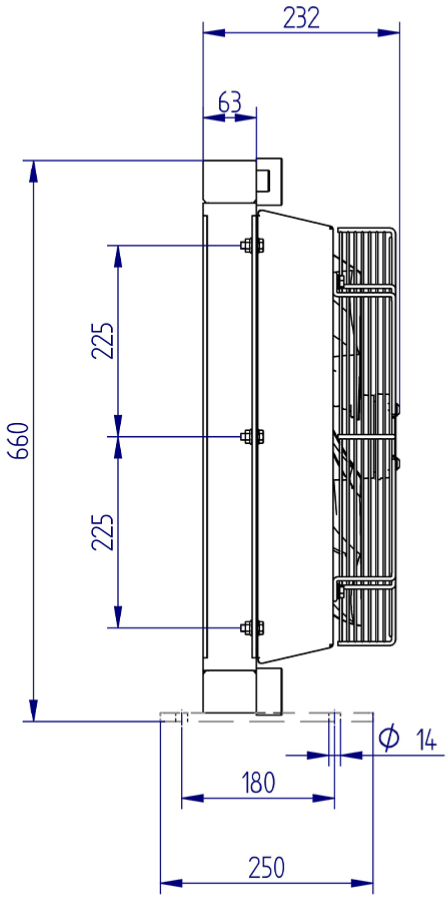
HY090.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt



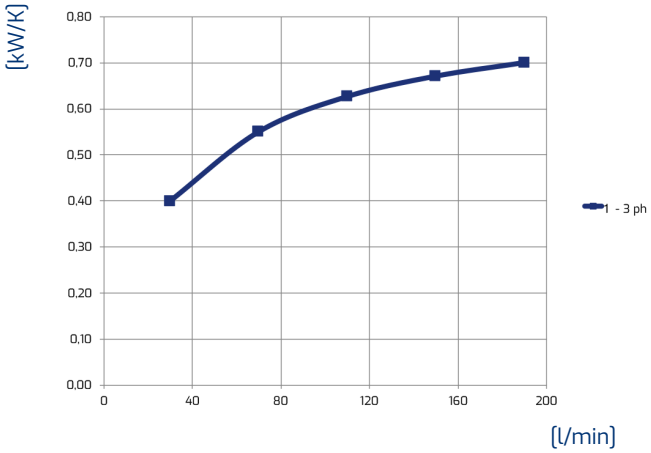


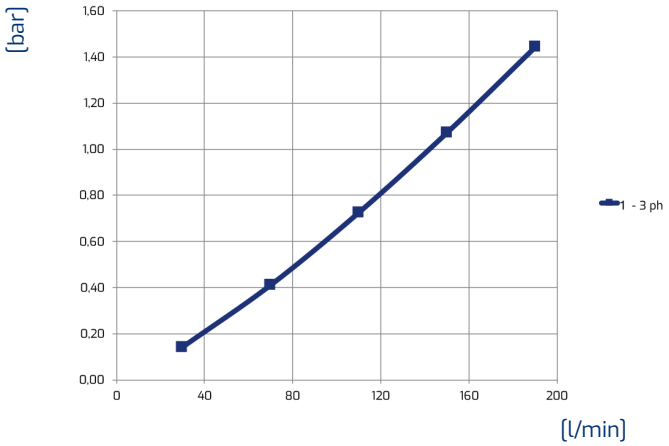
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY090.1-03A	30-190	5,3	31	230/400	50/60	0,53	200	450	1820	72	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

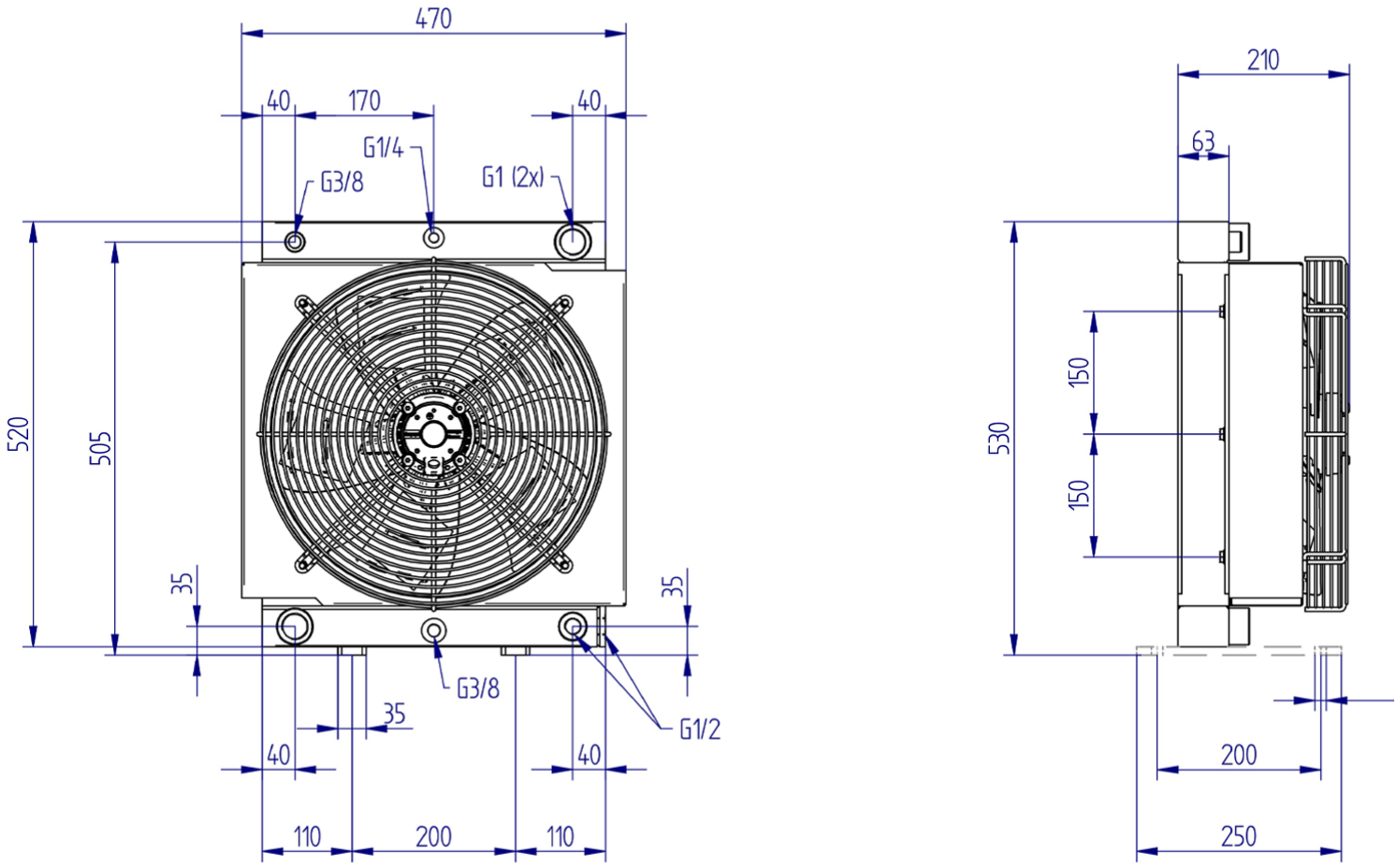
HY series

HY210.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

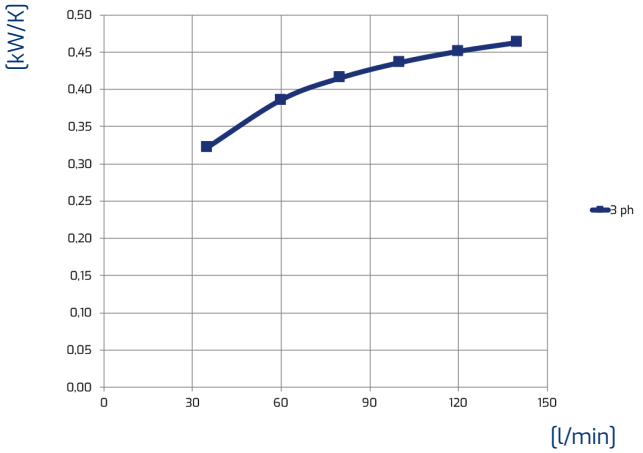


Technical data

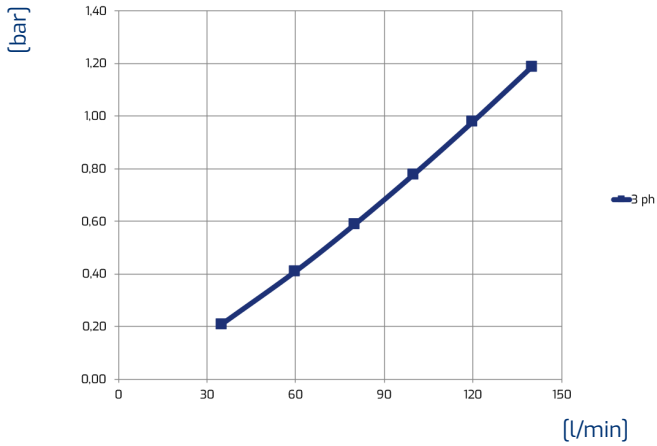
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY210.1-03A	35-140	3,3	21,5	230/400	50/60	0,95	190	400	2456	68	

Performance

Pressure drop



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

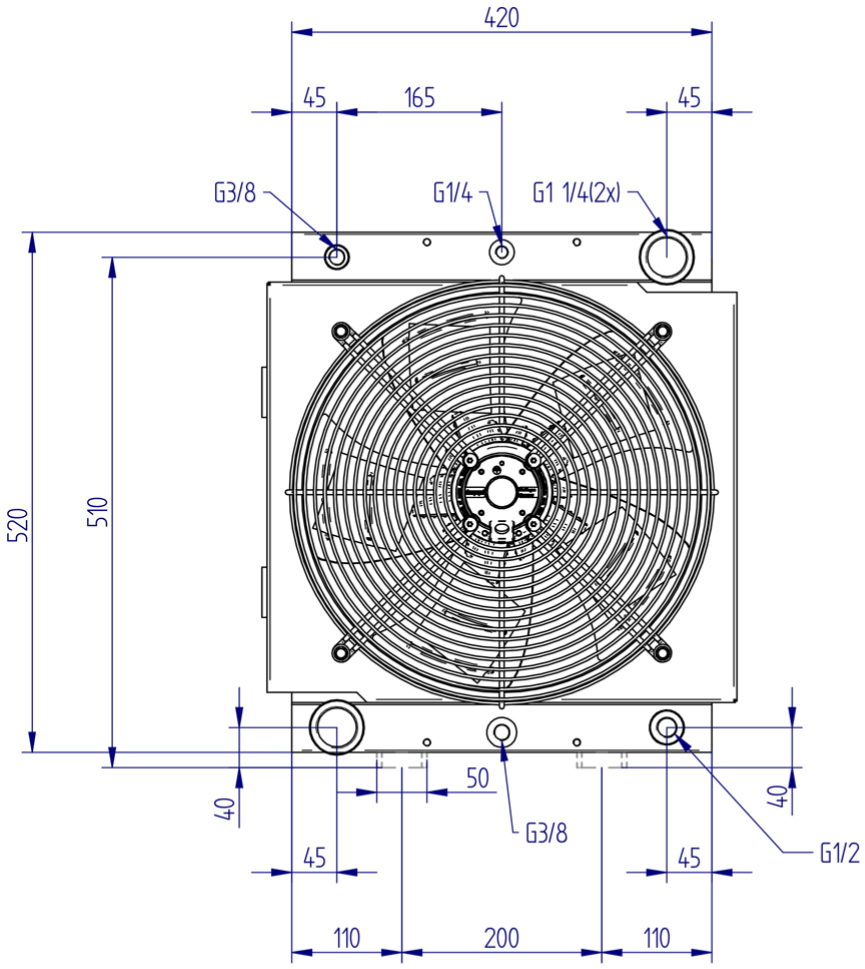
HY series

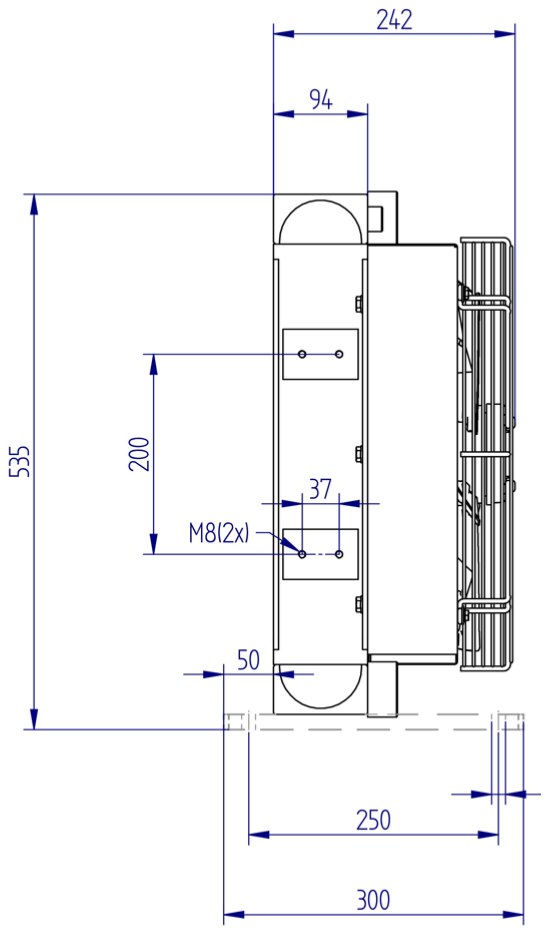
HY215.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt



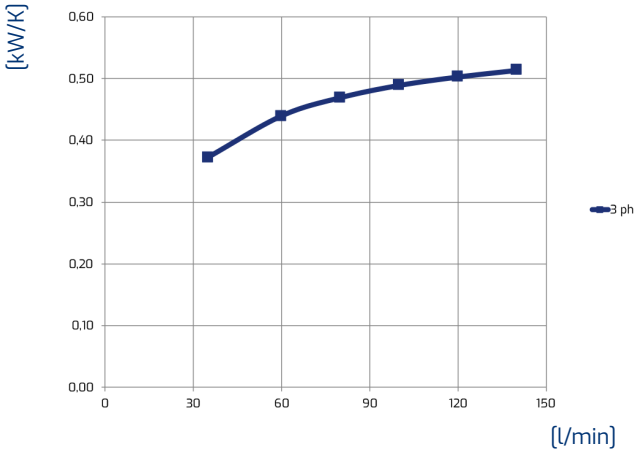


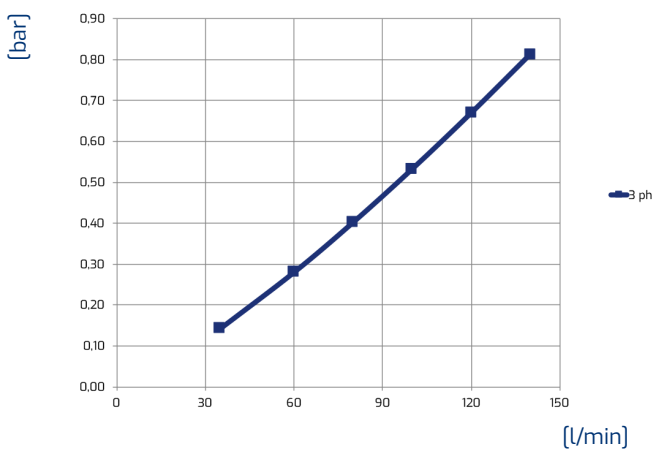
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY215.1-03A	35-140	5,3	26,7	230/400	50/60	0,5	210	400	2190	68	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

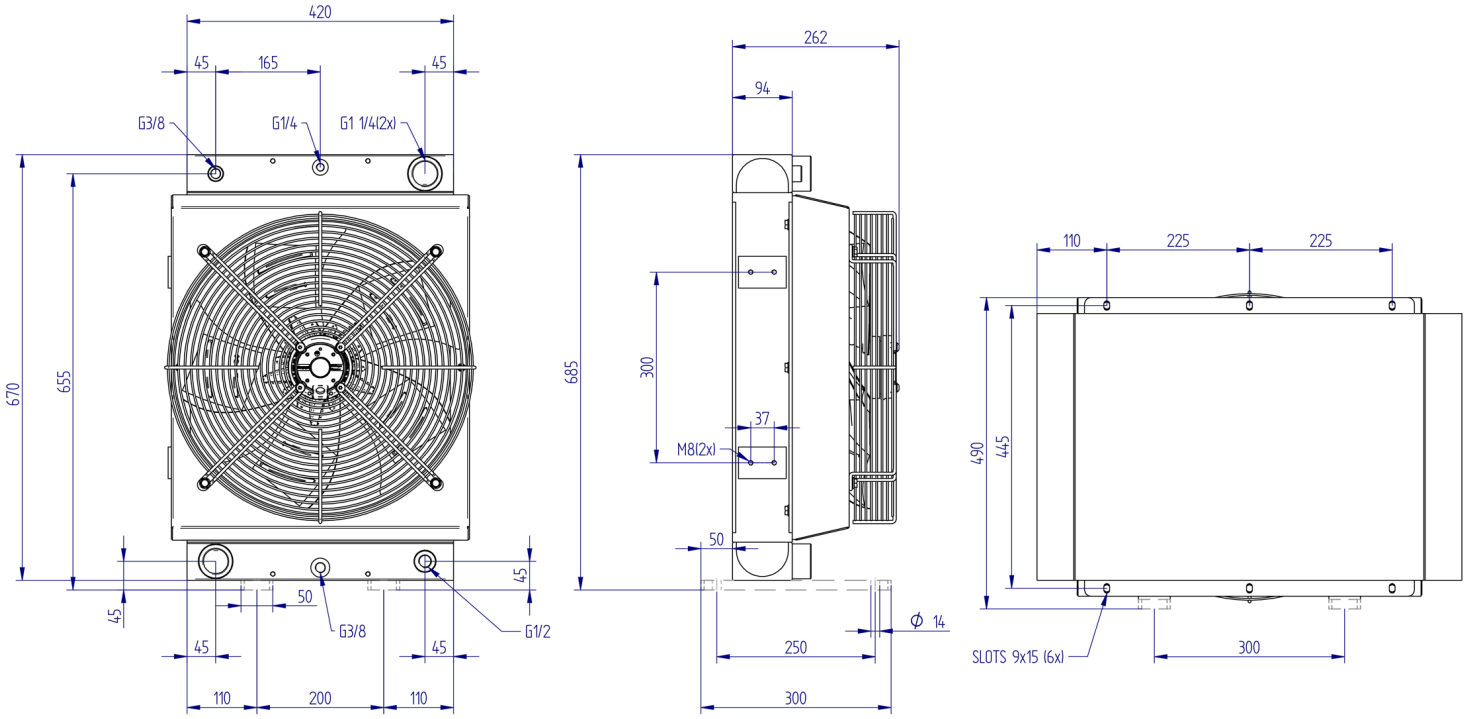
HY series

HY220.1-03A

AIR-OIL HEAT EXCHANGERS

IP44

230/400 Volt

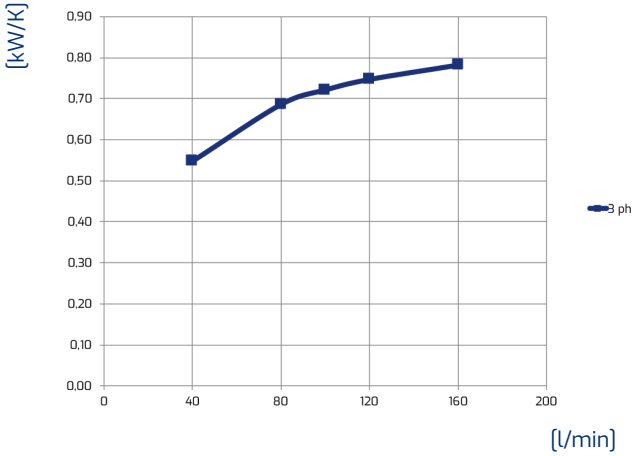


Vertical or horizontal mounting

Technical data

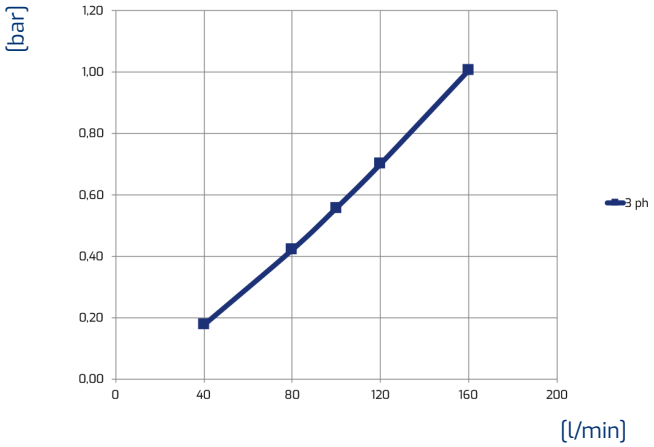
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY220.1-03A	40-160	6,8	32,5	230/400	50/60	0,61	300	450	3045	72	

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

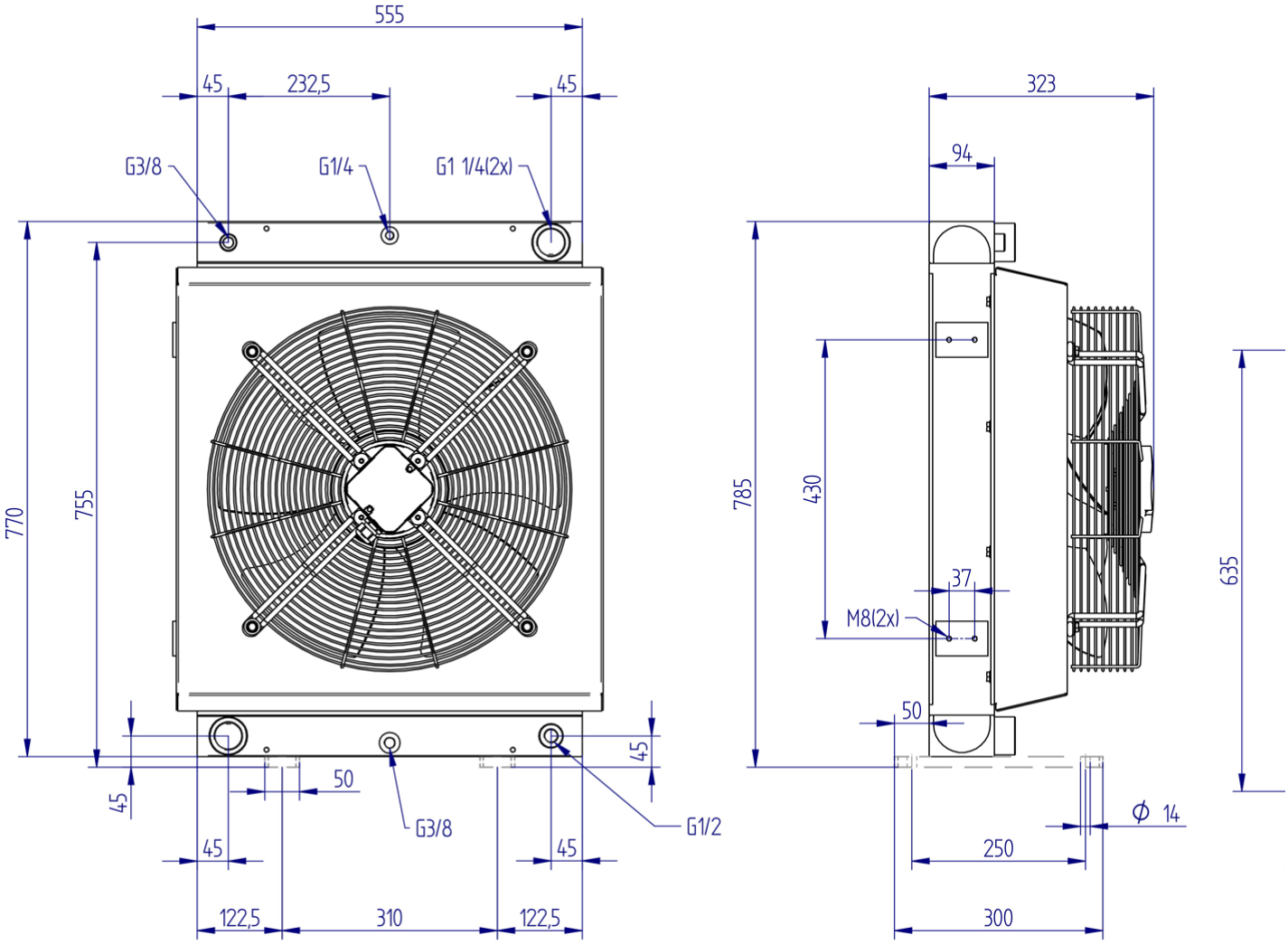
HY series

HY225.1-03A

AIR-OIL HEAT EXCHANGERS

IP54

230/400 Volt

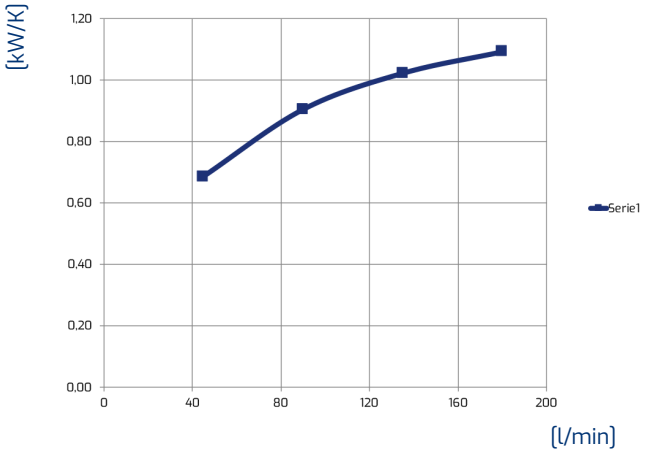


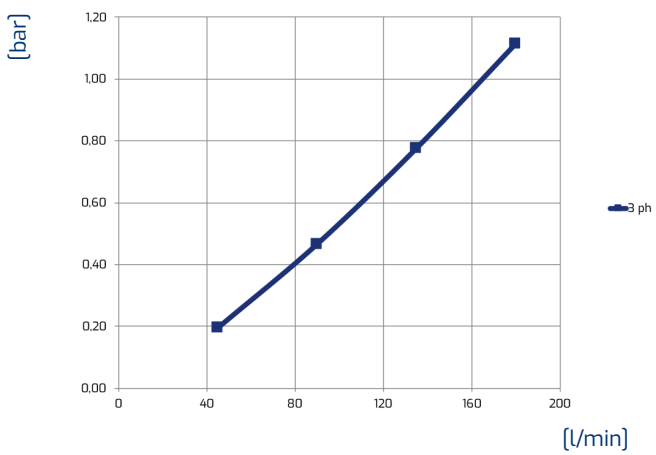
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY225.1-03A	45-180	10	50	230/400	50/60	1,35	700	500	5563	72	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

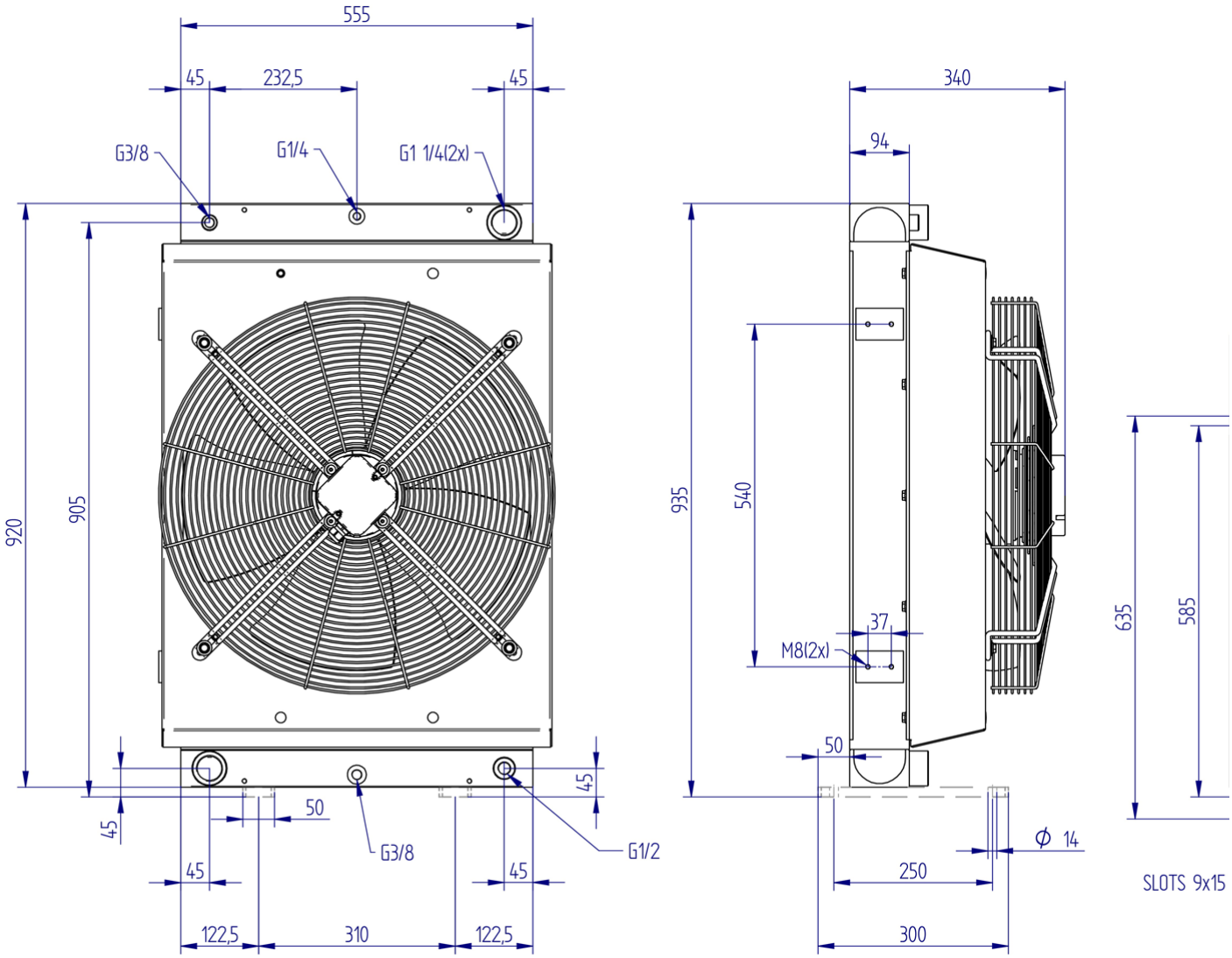
HY series

HY230.1-03A

AIR-OIL HEAT EXCHANGERS

IP54

230/400 Volt

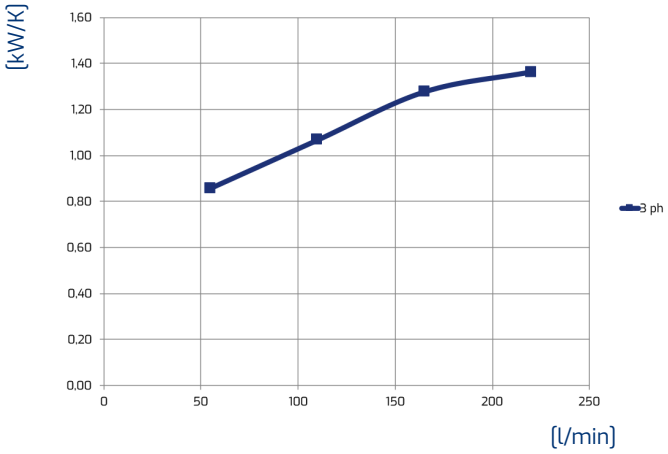


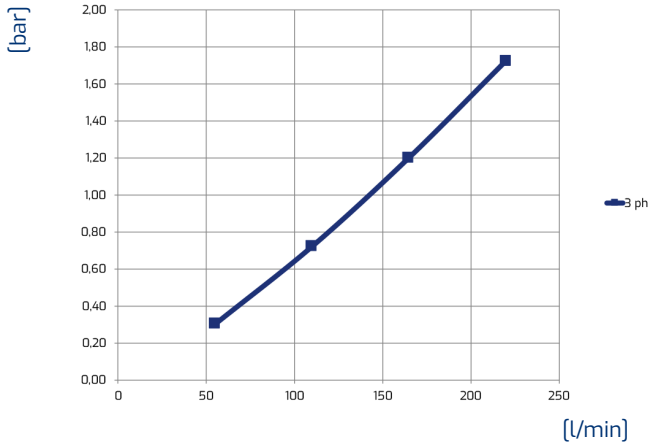
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY230.1-03A	55-220	11,5	62	230/400	50/60	2,15	900	560	7040	72	

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

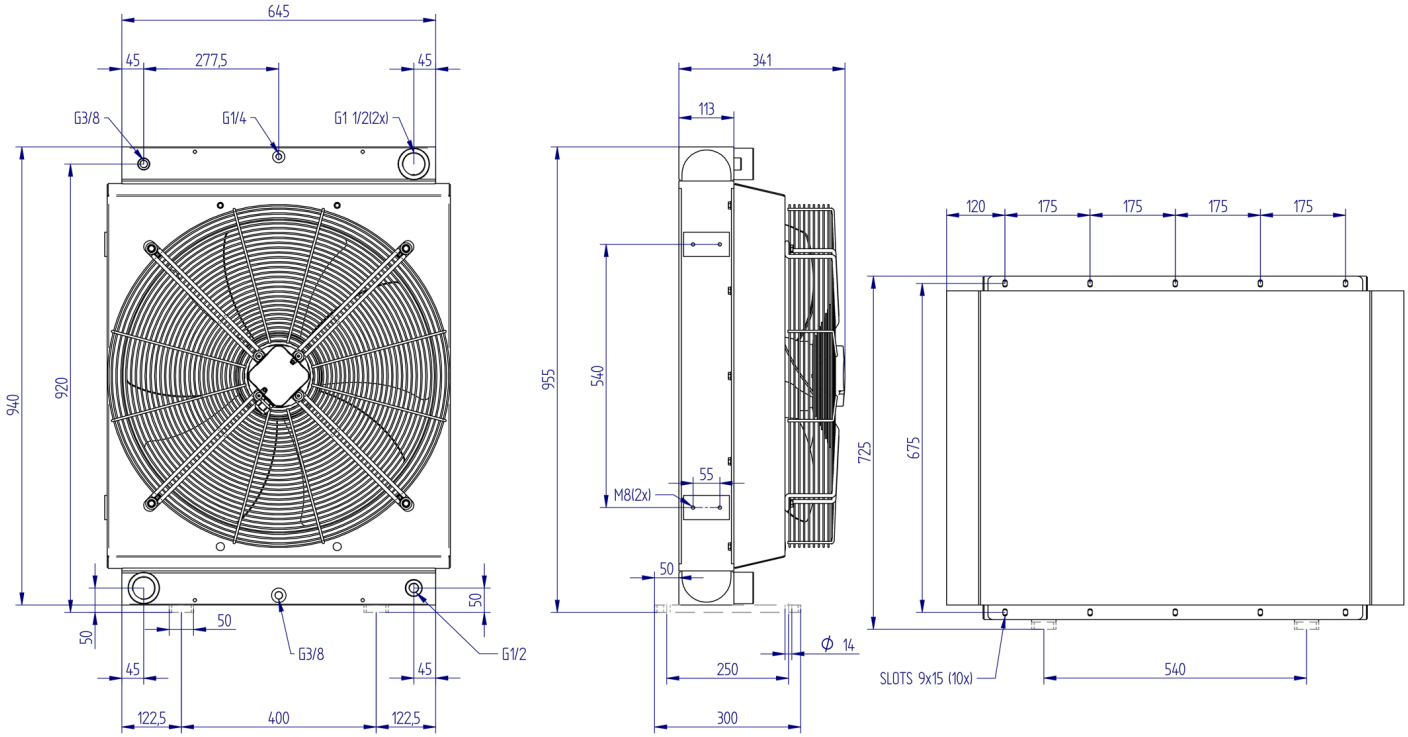
HY series

HY232.1-03A

AIR-OIL HEAT EXCHANGERS

IP54

230/400 Volt

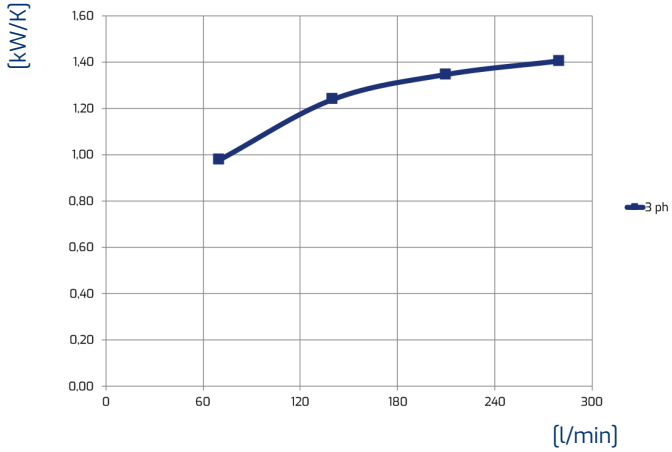


Vertical or horizontal mounting

Technical data

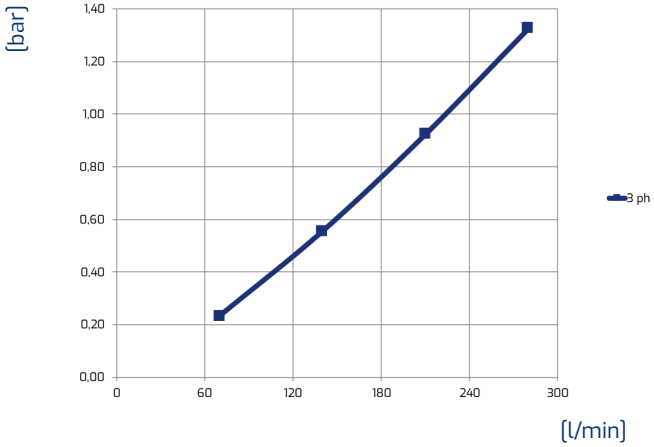
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY232.1-03A	70-280	16,8	78	230/400	50/60	1,3	600	630	6133	79	

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data

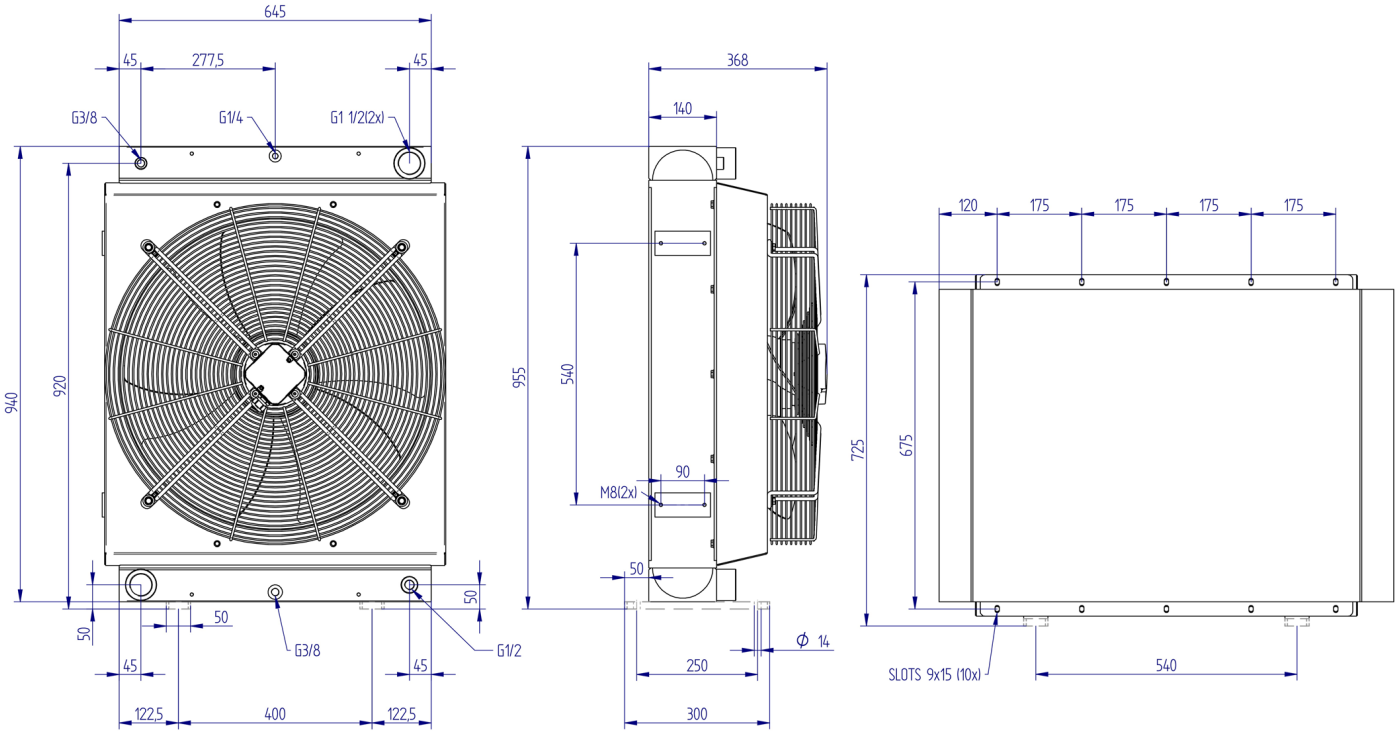
HY series

HY235.1-03A

AIR-OIL HEAT EXCHANGERS

IP54

230/400 Volt

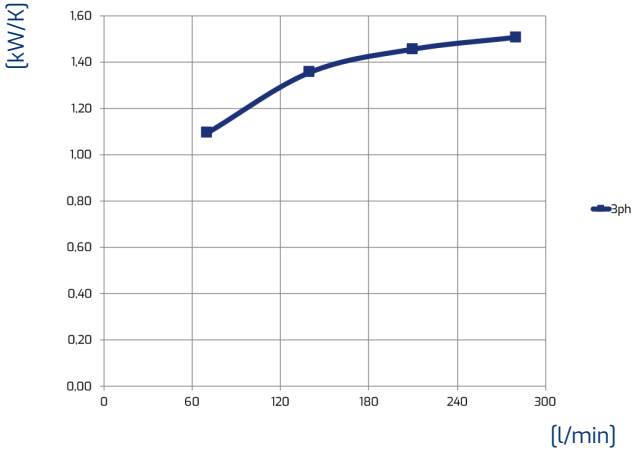


Vertical or horizontal mounting

Technical data

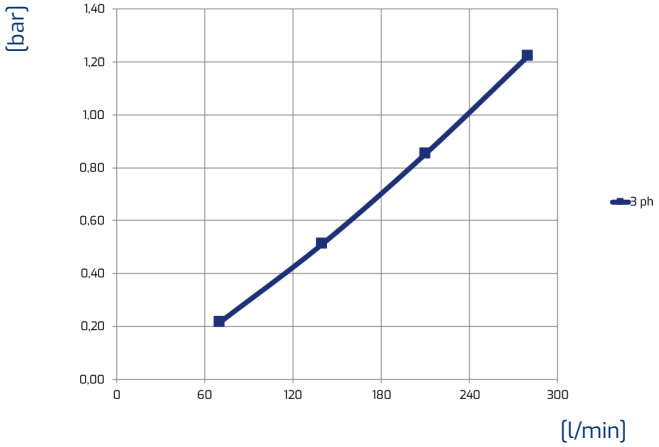
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY235.1-03A	70-280	20,2	90	230/400	50	1,2	500	630	5628	79	

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

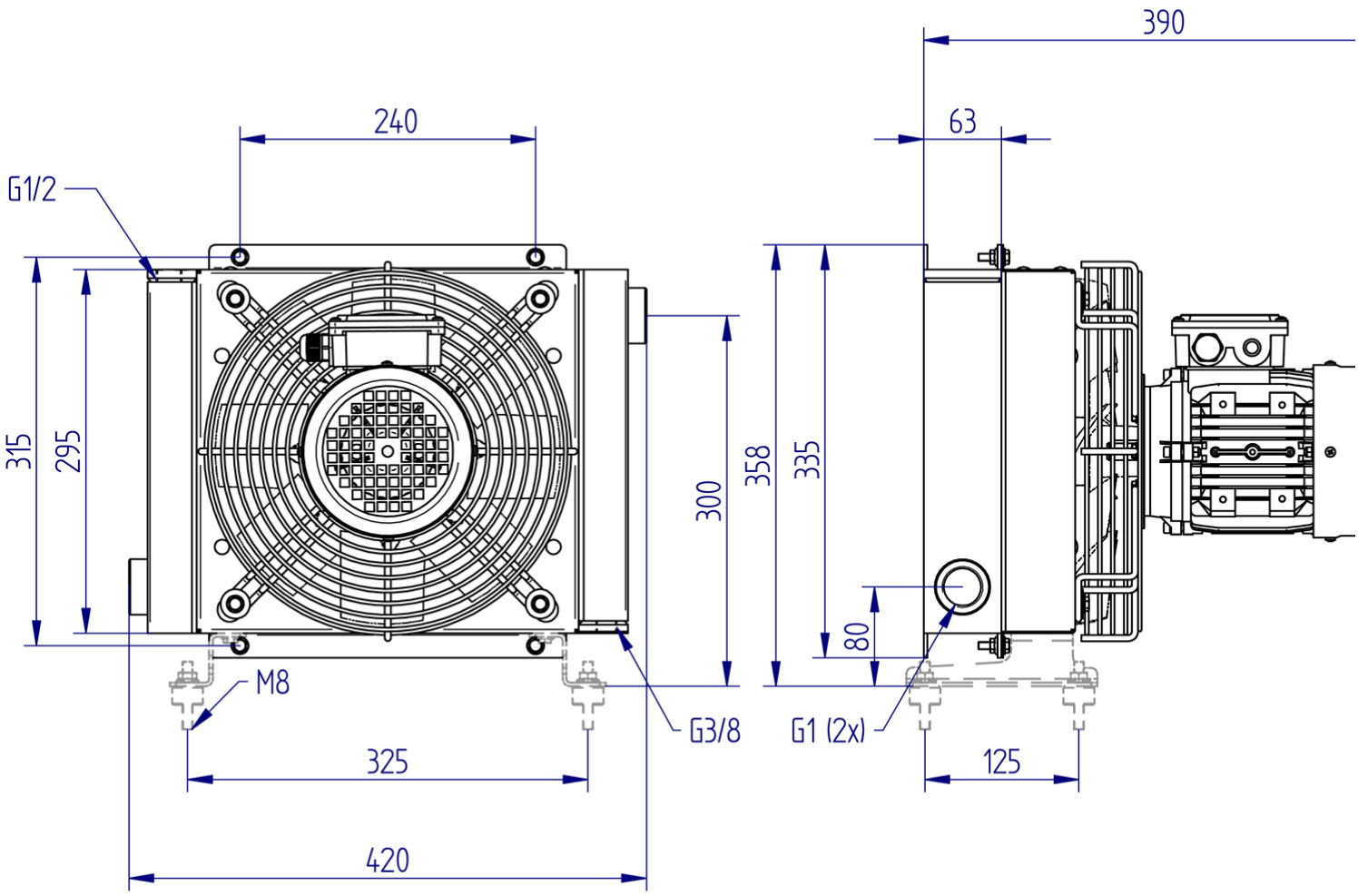
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY024.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

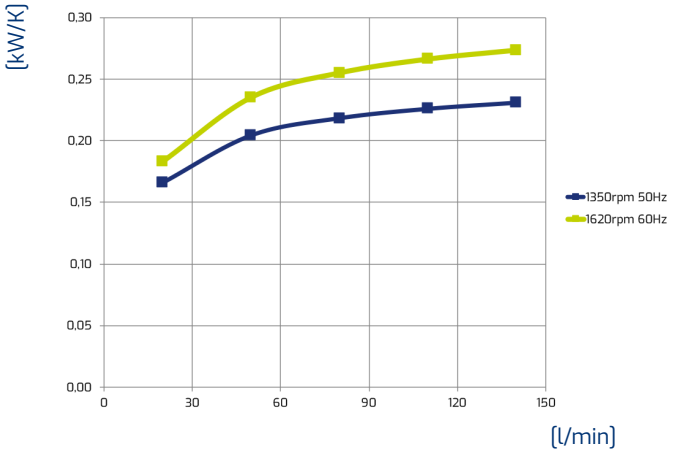


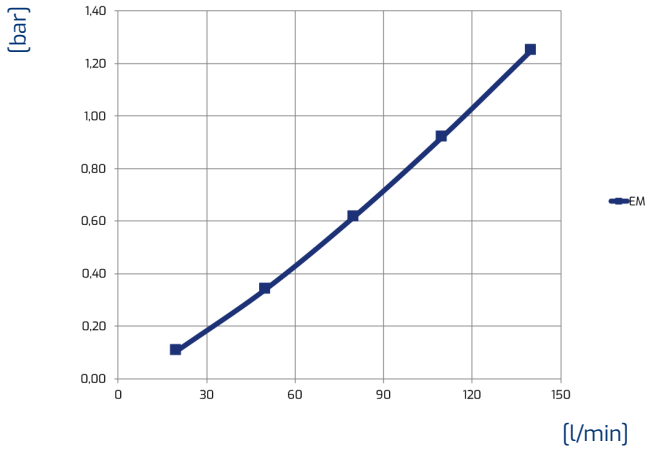
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY024.1-07A	20-140	2	15	230/400	50/60	1,5	250	280	935/1100	77	1350

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

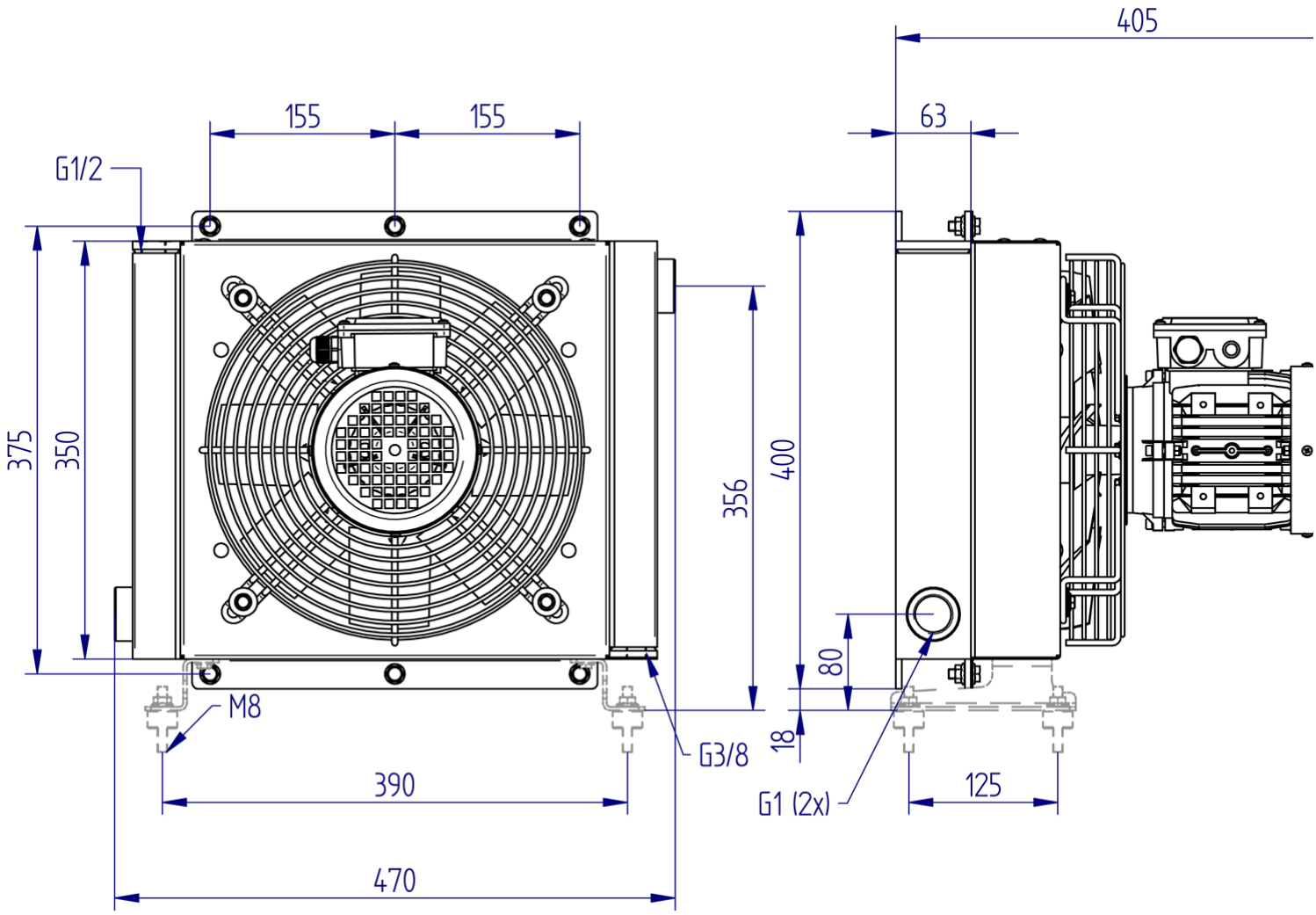
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY038.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

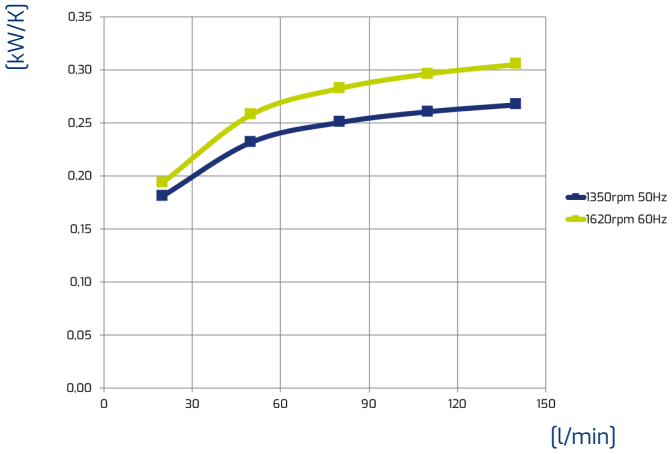


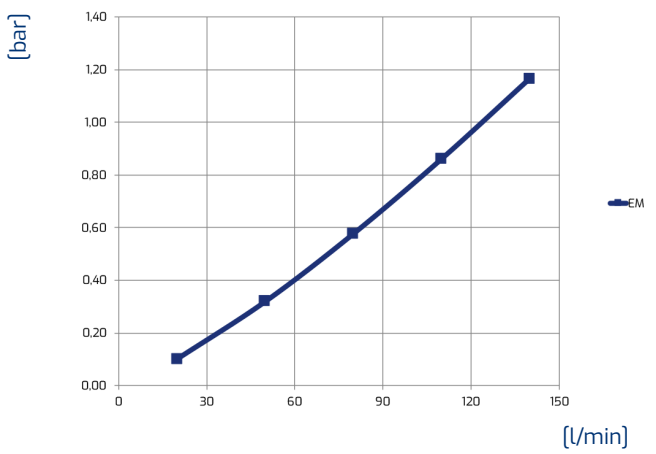
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY038.1-07A	20-140	2,5	16,5	230/400	50/60	1,4	250	300	1208	75,5	1350

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

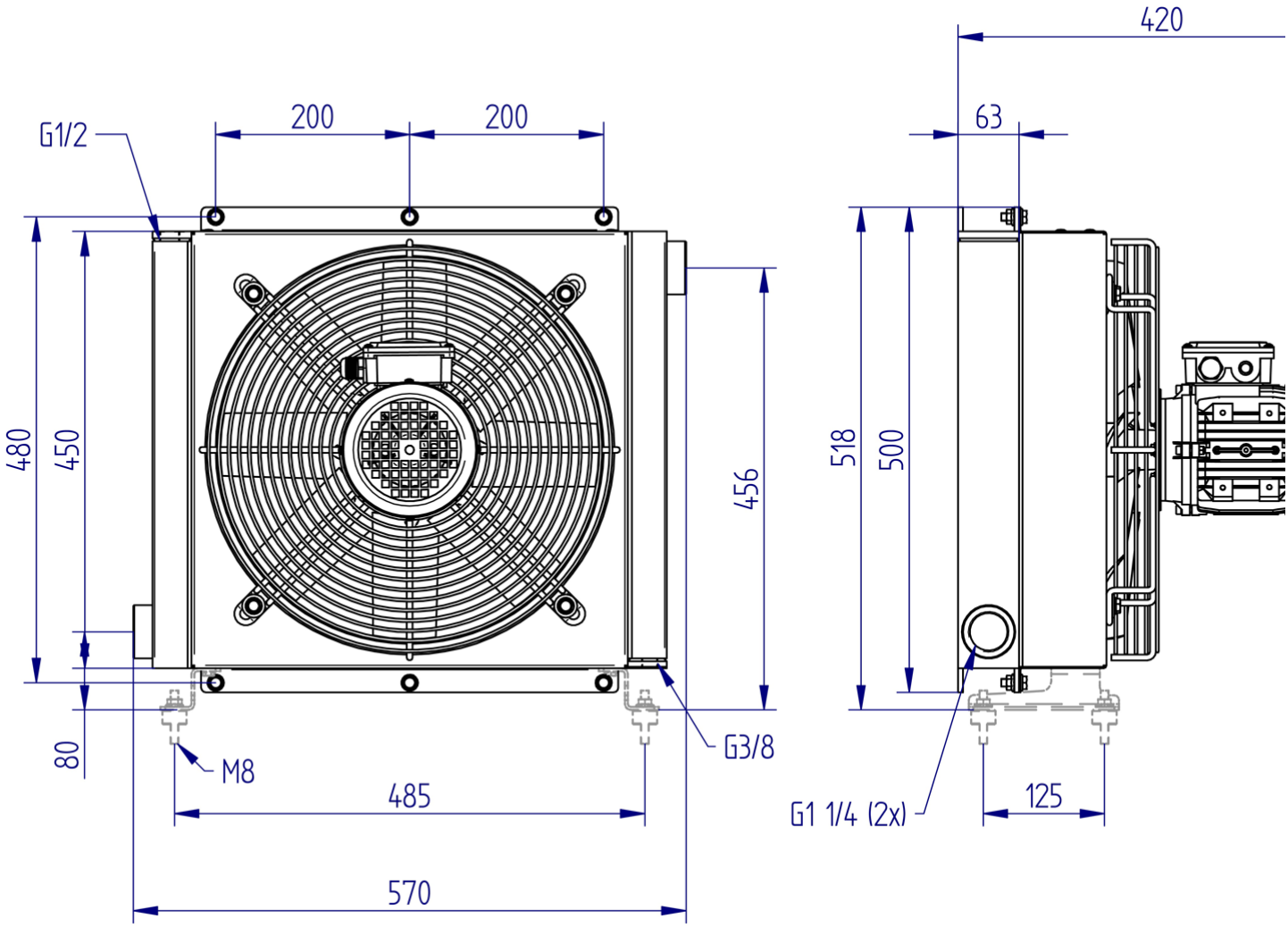
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY057.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

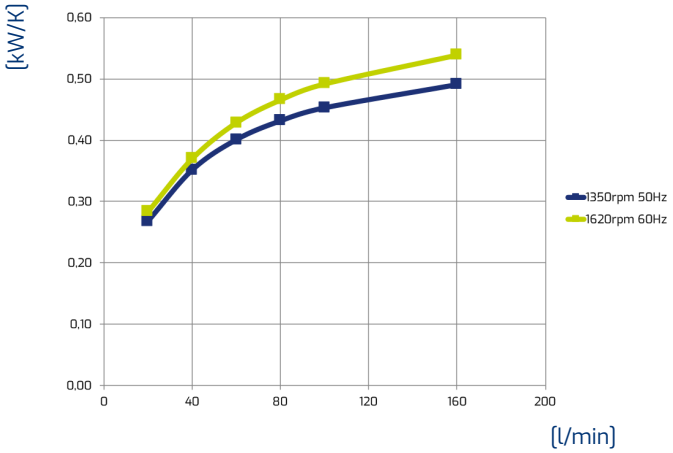


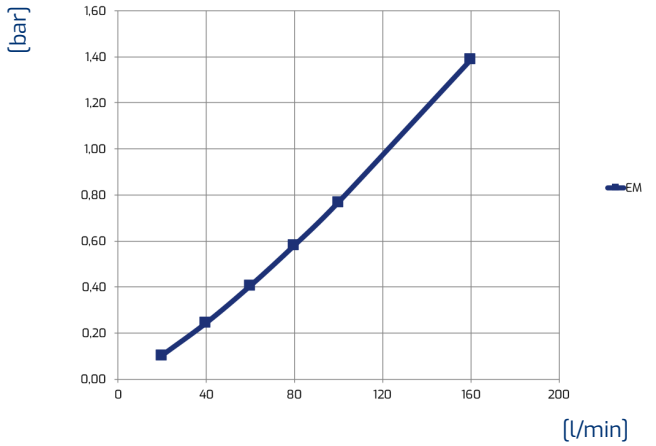
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY057.1-07A	20-160	3,7	21	230/400	50/60	1,5	250	390	2620	77,2	1350

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

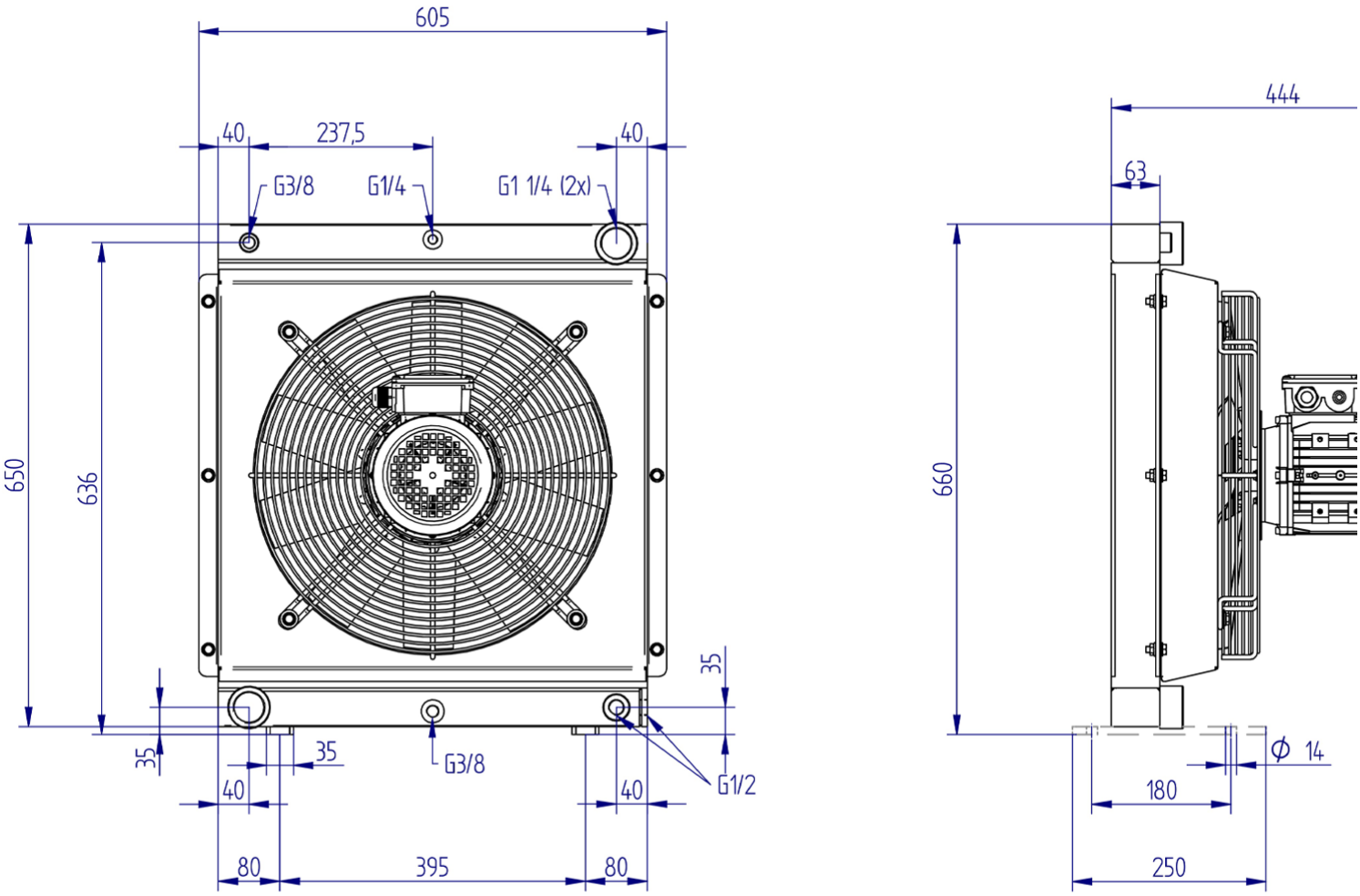
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY090.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

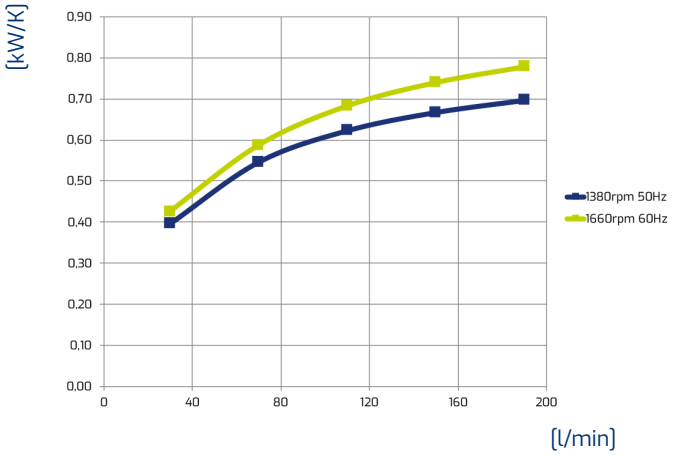


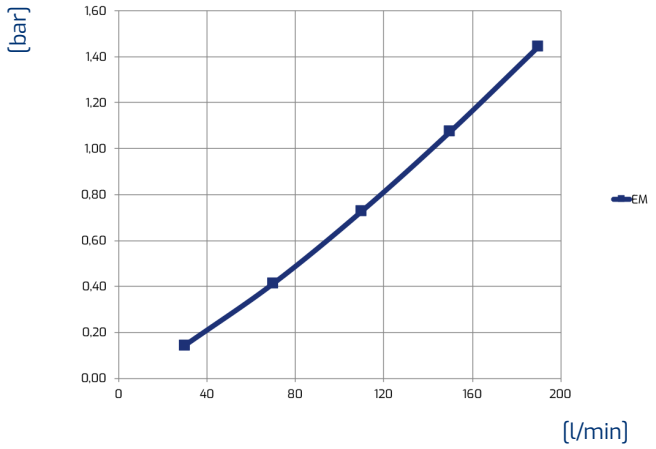
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY090.1-07A	30-190	5,3	36	230/400	50/60	2,8	550	450	5030	80	1380

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

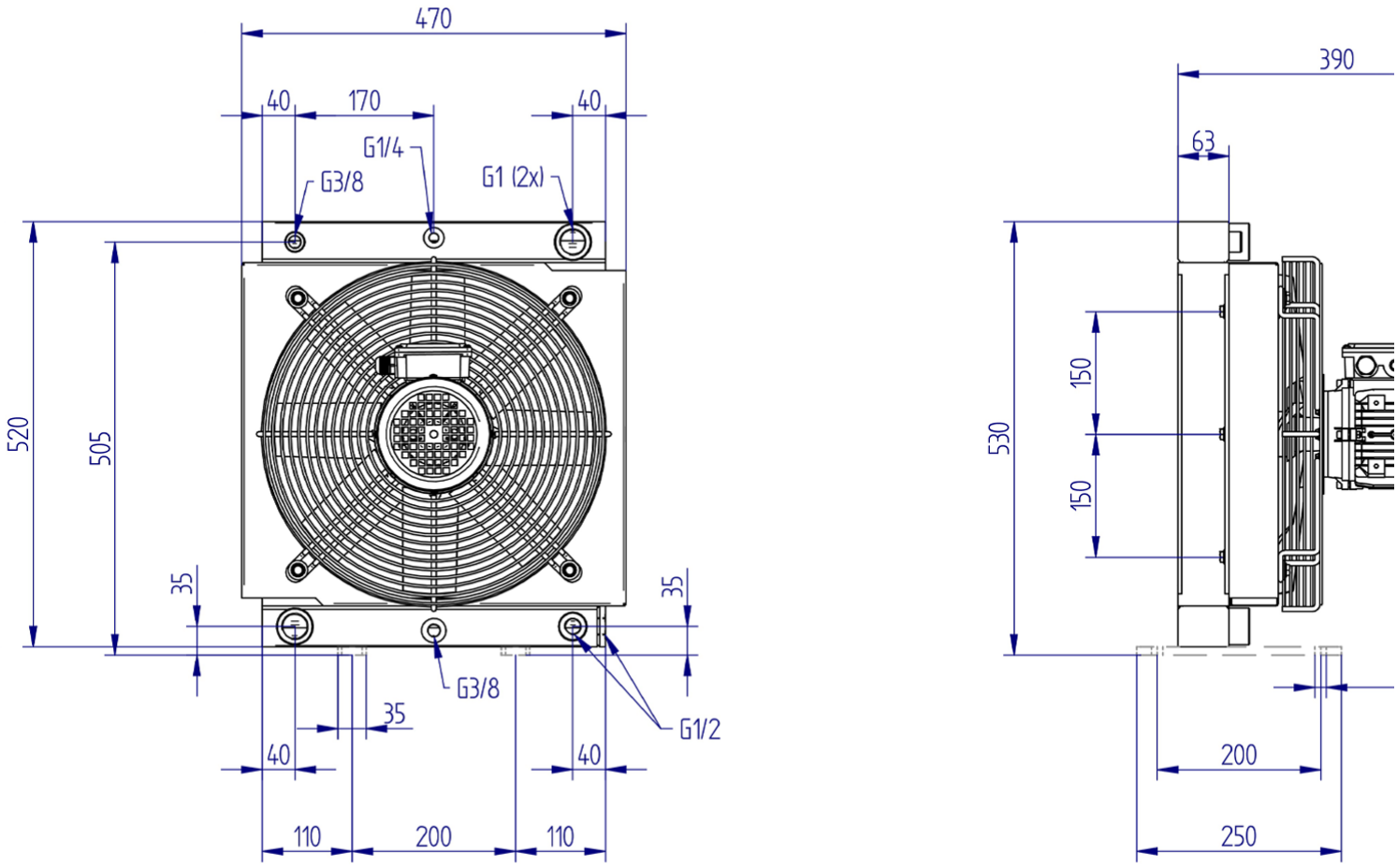
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY210.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

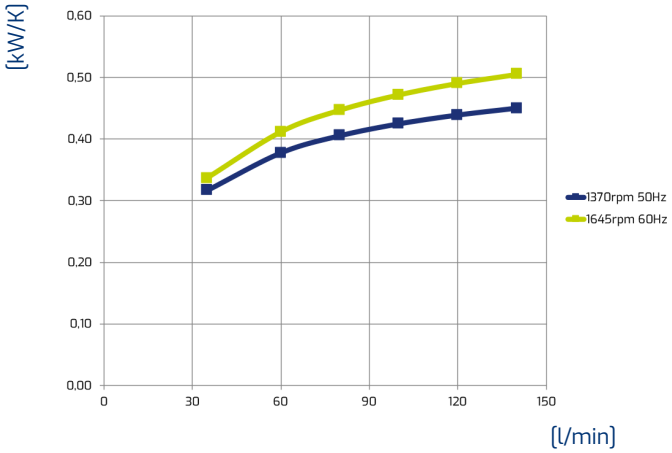


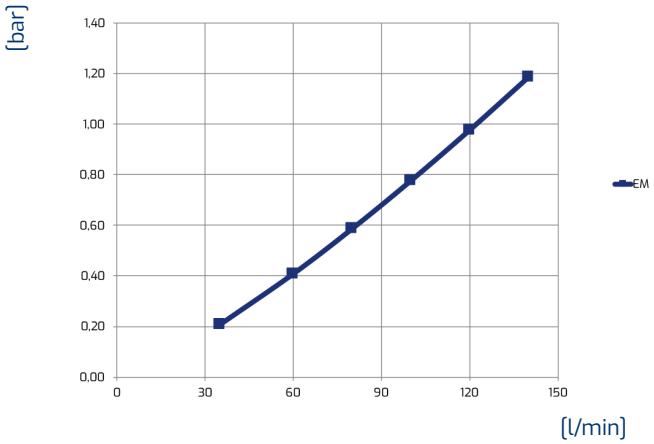
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY210.1-07A	35-140	3,3	25,2	230/400	50/60	1,9	370	390	2394	79,3	1370

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

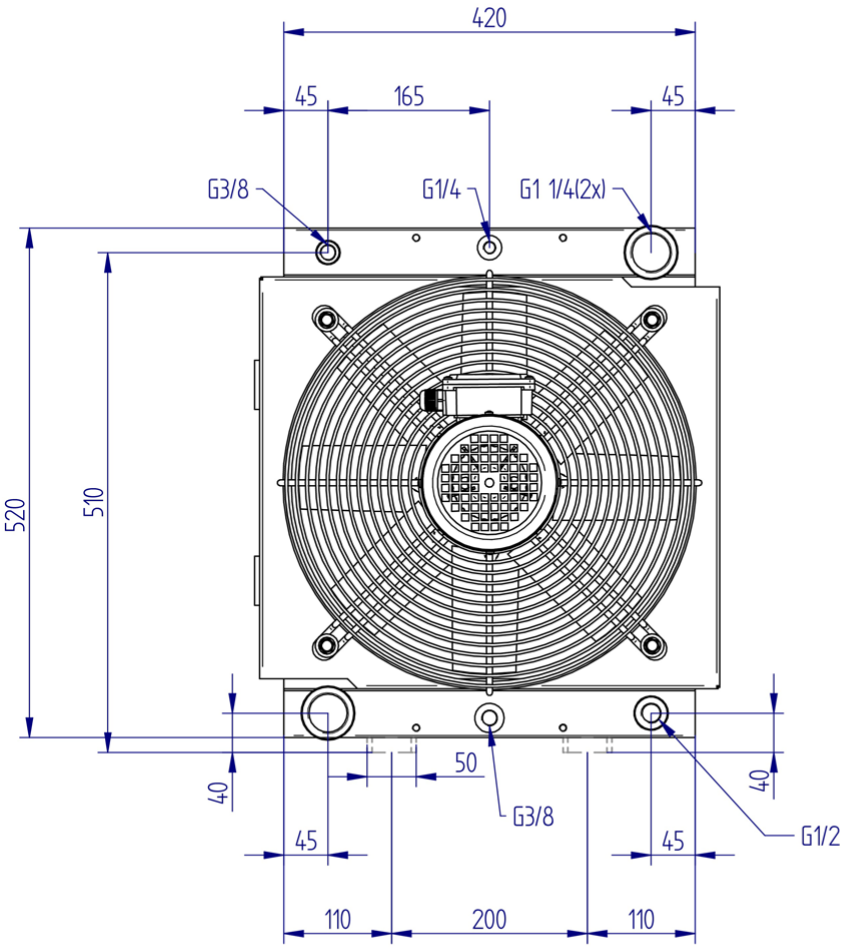
Technical data are not binding - The graphs show the central range of heat exchange data

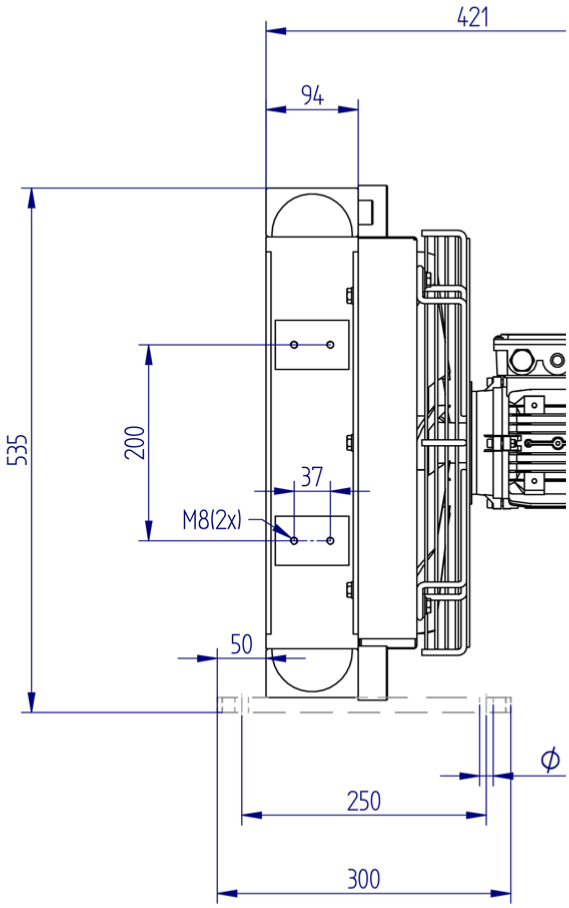
HY series

HY215.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14



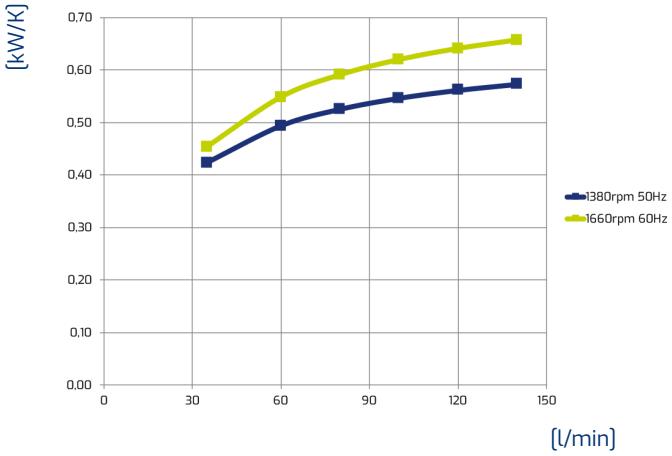


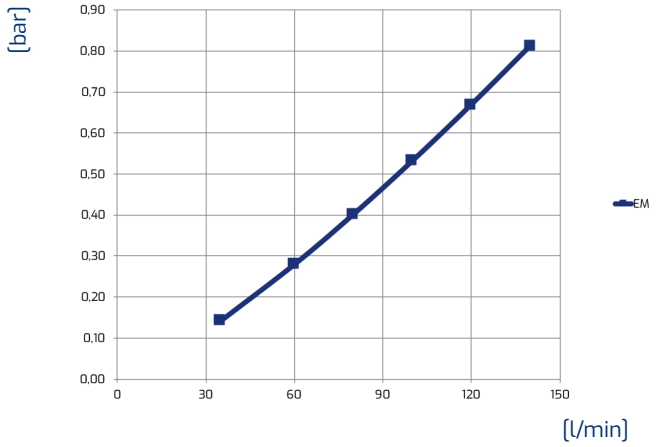
Technical data

Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY215.1-07A	35-140	5,3	30	230/400	50/60	2,79	550	390	2140	80	1380

Performance

Pressure drop





Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

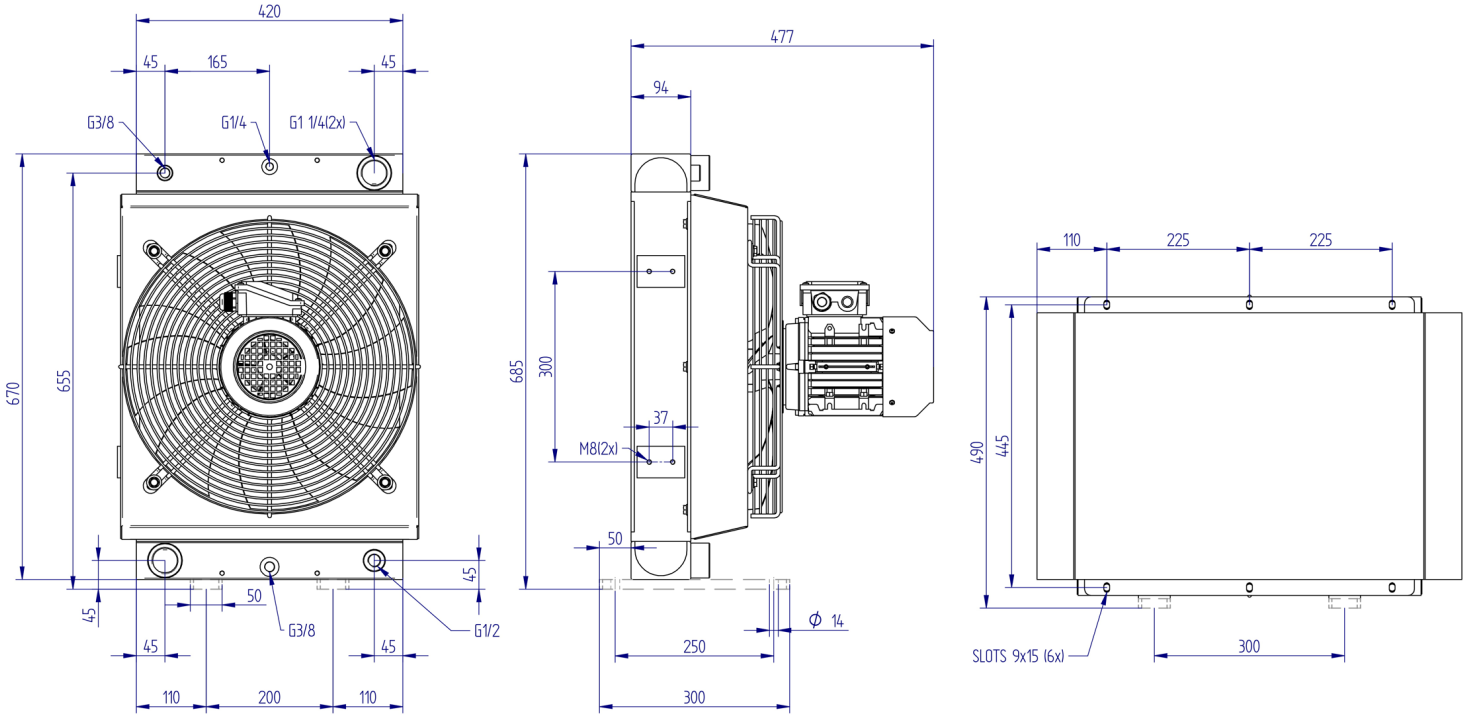
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY220.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

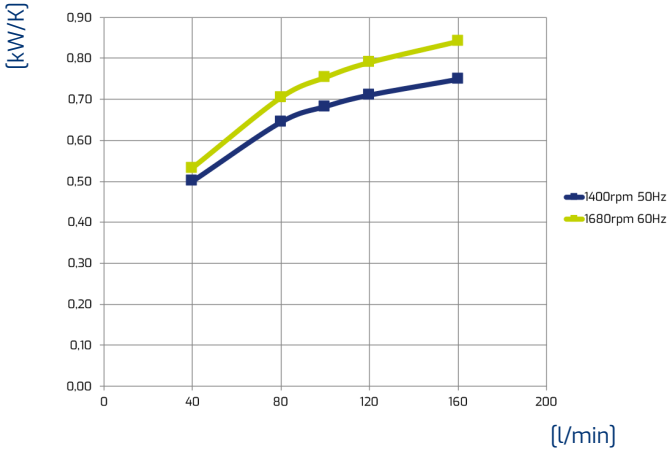


Vertical or horizontal mounting

Technical data

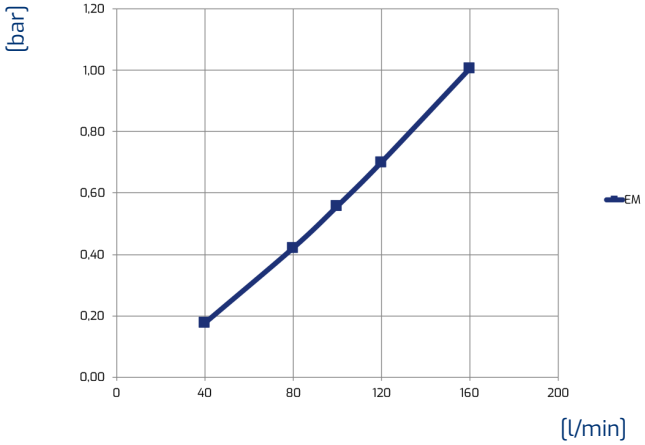
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY220.1-07A	40-160	6,8	40,5	230/400	50	1,64	750	450	3518	84	1400

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

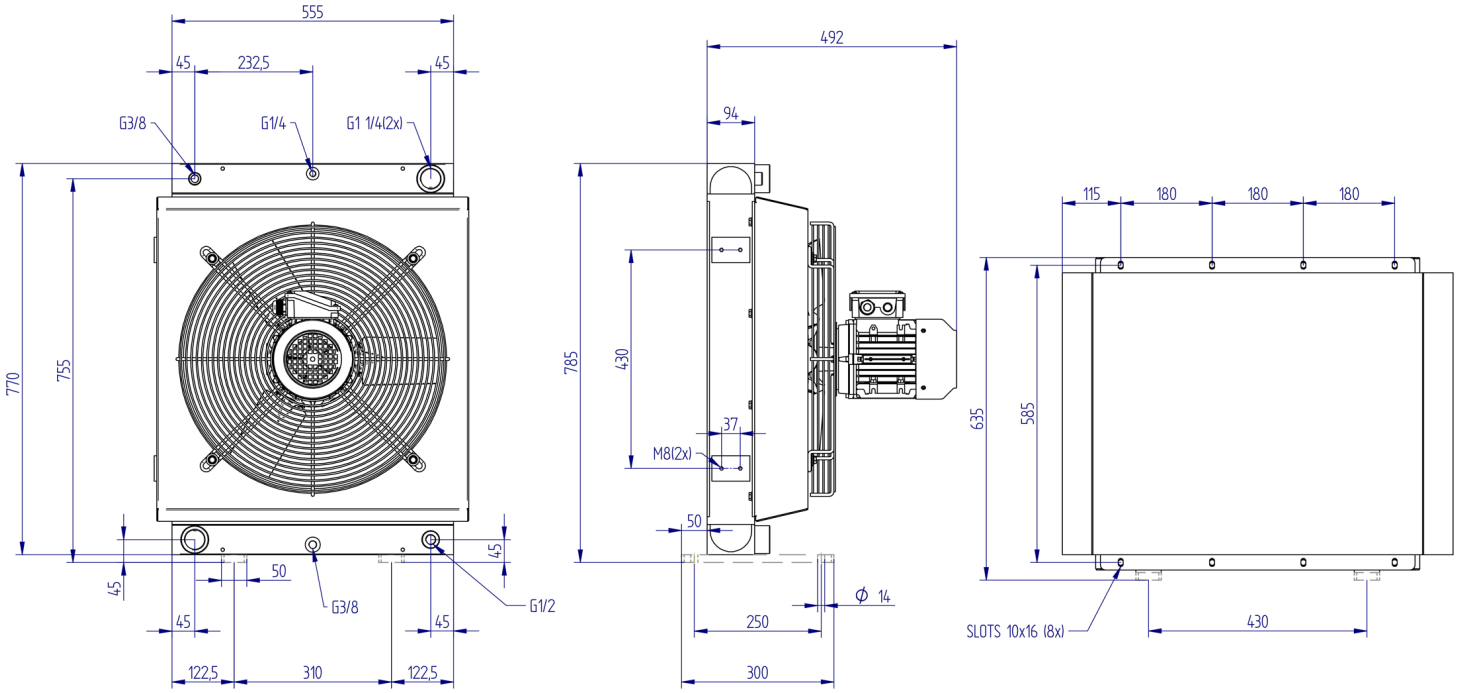
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY225.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

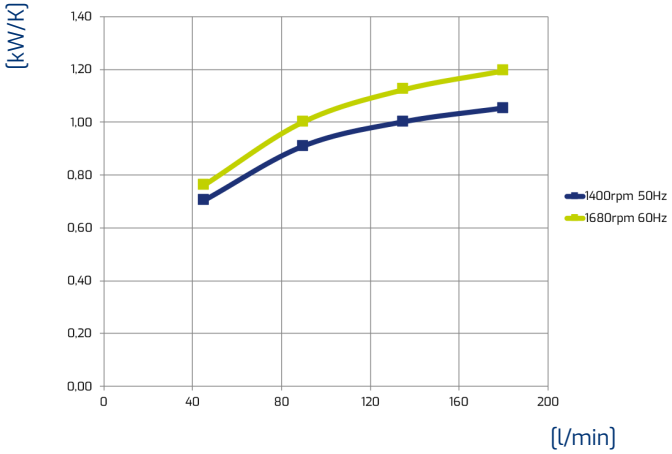


Vertical or horizontal mounting

Technical data

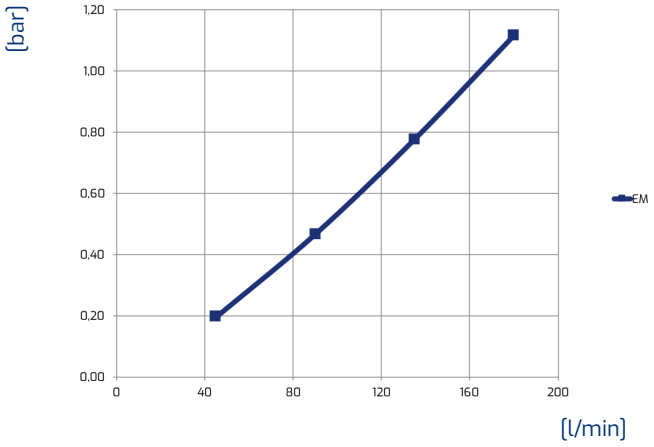
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY225.1-07A	45-180	10	53	230/400	50/60	1,64	750	500	3518	80	1400

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

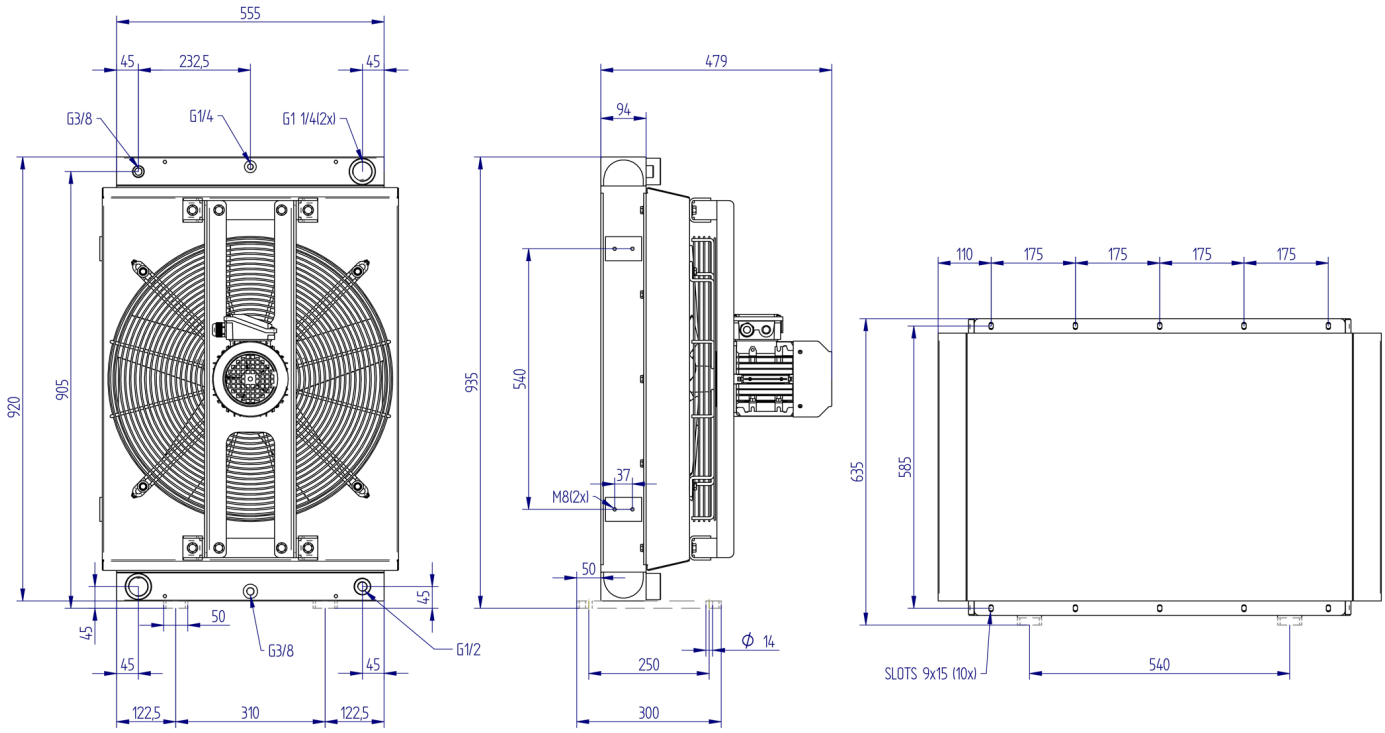
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY230.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

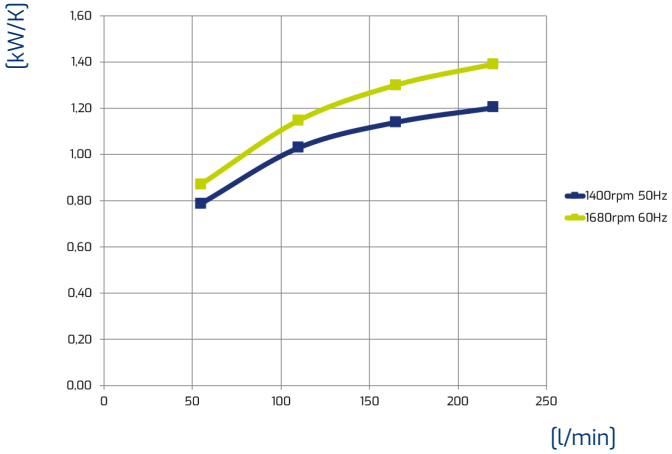


Vertical or horizontal mounting

Technical data

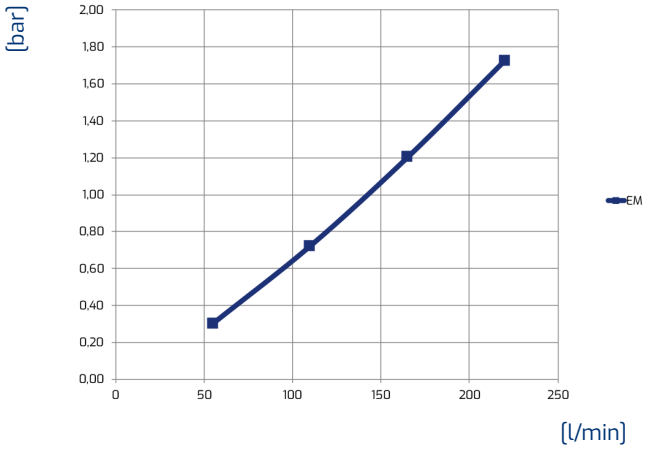
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY230.1-07A	55-220	11,5	62	230/400	50	5,12	1100	560	5782	81	1400

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

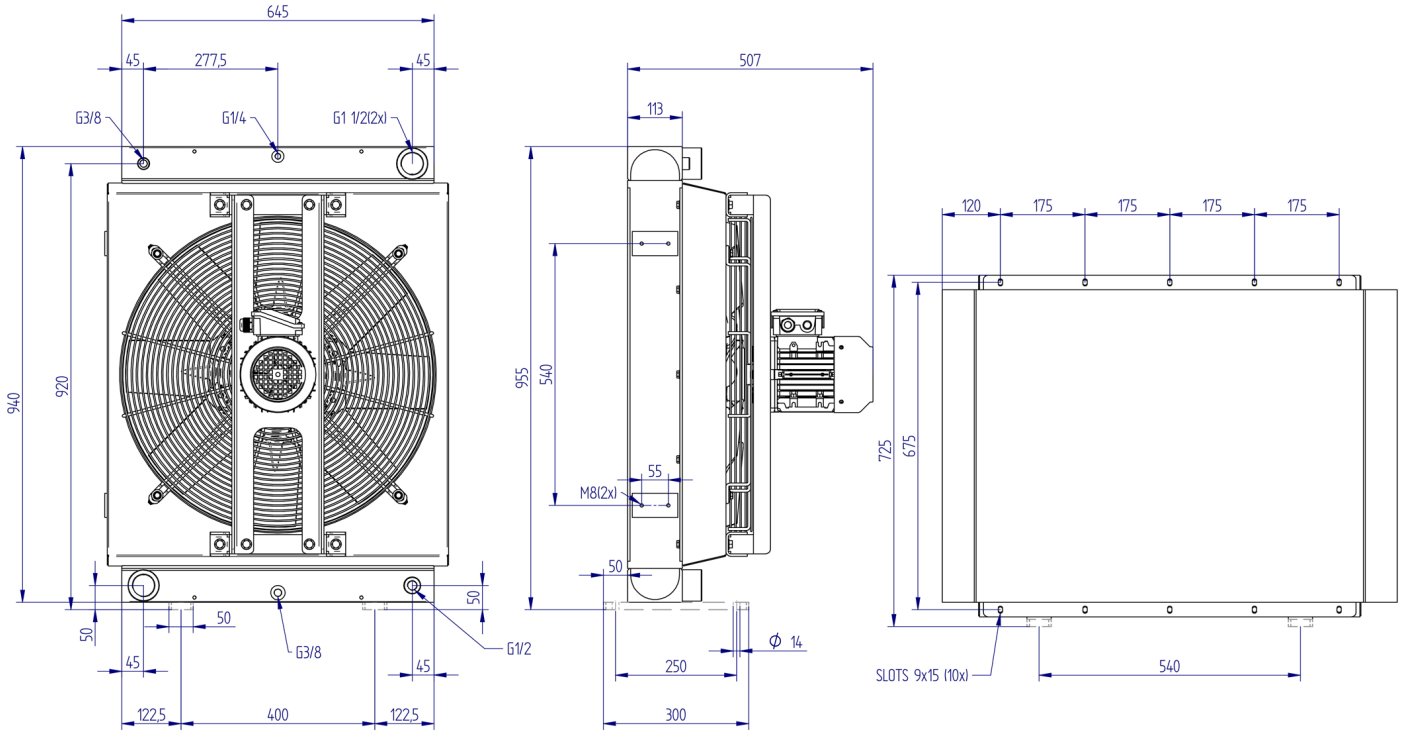
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY232.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

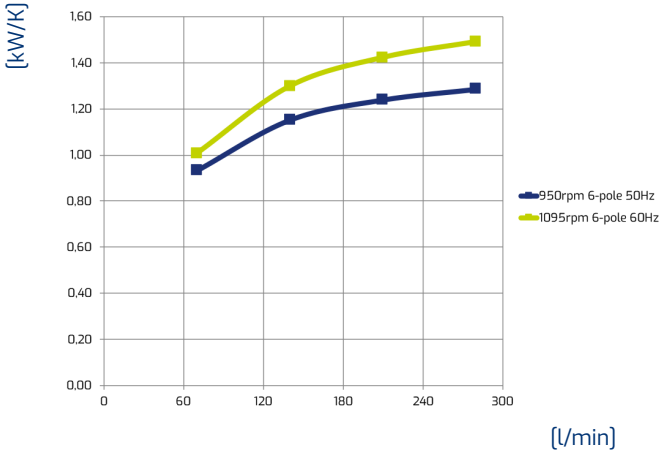


Vertical or horizontal mounting

Technical data

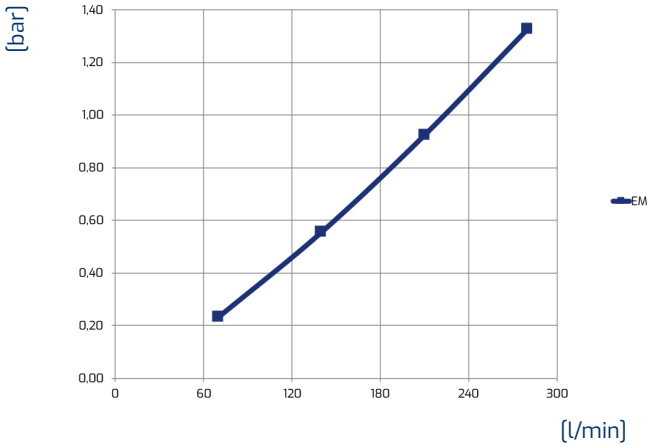
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY232.1-07A	70-280	16,8	87	230/400	50/60	3,9	750	630	5470	81	950

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

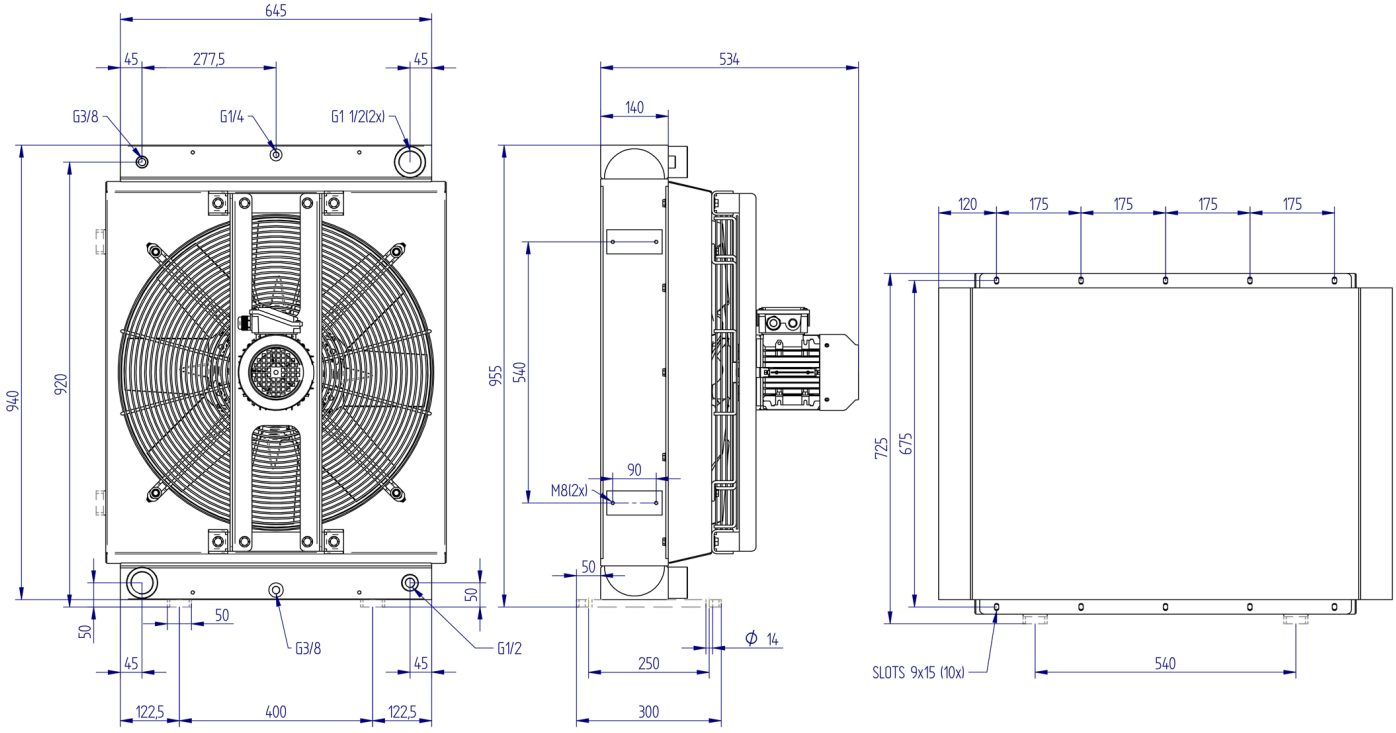
Technical data are not binding - The graphs show the central range of heat exchange data

HY series

HY235.1-07A

AIR-OIL HEAT EXCHANGERS

IP55 | 230/400 Volt | Elec.M. B 14

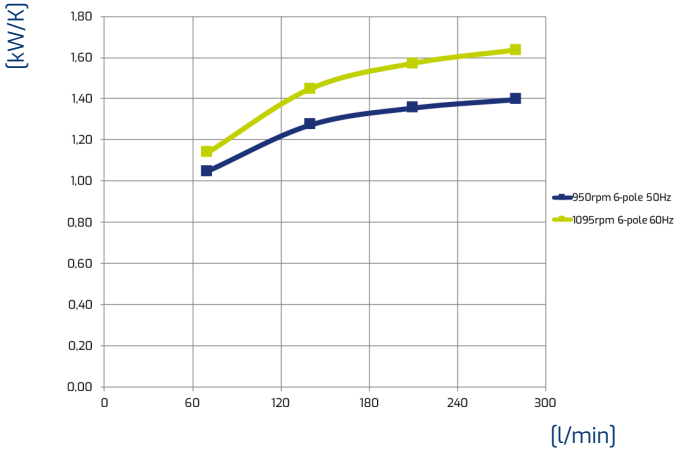


Vertical or horizontal mounting

Technical data

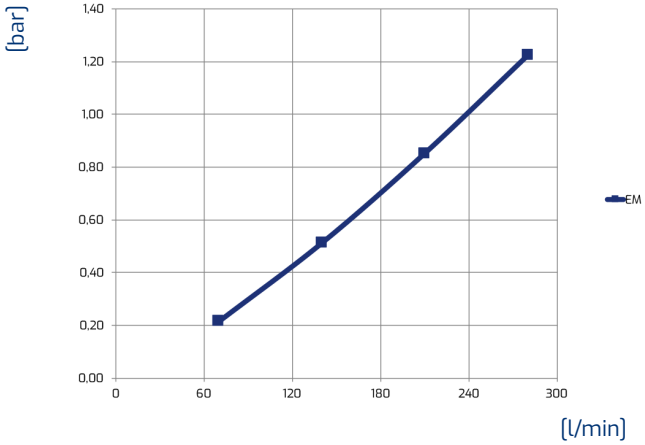
Item	Oil flow	Capacity	Weight	Voltage	Frequency	Current absorption	Power	Ø Fan	Air flow	Noise level	Rpm
	(l/min)	(l)	(kg)	(V)	(Hz)	(A)	(W)	(mm)	(m^3/h)	(dB(A))	
HY235.1-07A	70-280	20,2	100	230/400	50/60	3,9	800	630	5255	81	920

Performance



Oil T 80°C
T Amb. 40°C
1 kW = 860 Kcal/h – 1 HP = 0,75 kW

Pressure drop



ISO VG 32 at 40°C

Viscosity - ISO VG 32 Oil

Oil	22	**32**	46	68	150
Correction factor	0,8	**1**	1,2	1,6	3

Technical data are not binding - The graphs show the central range of heat exchange data