



***HEAT EXCHANGERS AIR - OIL
MODEL HPA***

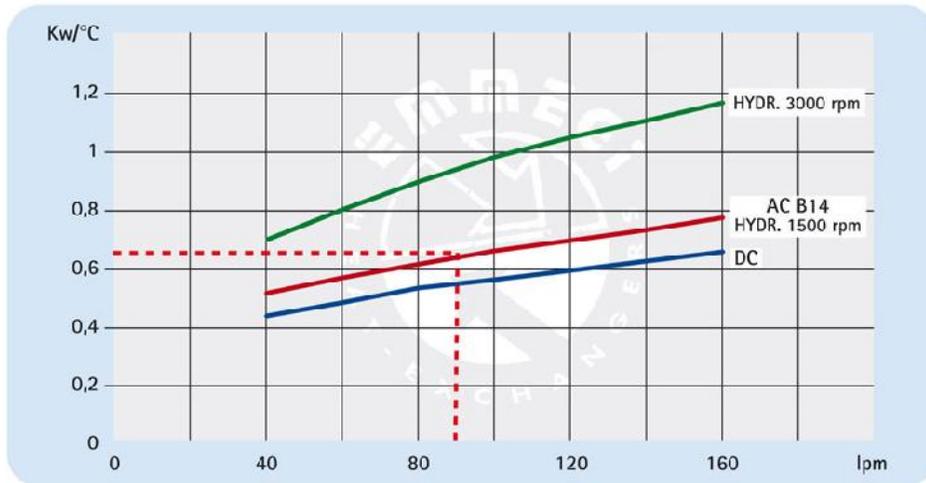
Dati tecnici *Technical Data*

P/N	V	Hz	kW	A	rpm	∅ Fan	dB(A)	(m³/h)	IP	It	Kg
243003###	230-400 B14 AC	50/60	0,750	1,8	1450	450	82	4000	55	6,8	37
243012###	12 DC	/	0,150	9,5	3100	280	74	1550	68		32
243024###	24 DC	/	0,150	5,6	3100	280	78	1700	68		32
243056###	Prepared for Gr.2 hydraulic motor					450			/		35

Per il 12-24V i dati sono riferiti al singolo ventilatore. For 12-24 V the data refers to each ventilator

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Lo scambiatore selezionato risulta il modello:
HPA 30 - 230/400V - 50Hz
cod. 243003###.

*The exchanger selected is the following model:
HPA 30 - 230/400V - 50Hz
cod. 243003###.*

Per la completa identificazione dello scambiatore consultare la pagina "DENOMINAZIONE CODICE PRODOTTO". Nel caso non siano conosciuti tutti i dati, per la scelta prendere contatto EMMEGI.

For a complete description of the exchanger consult the "PRODUCT ORDERING CODE" page. If you do not know all the data required for selecting the model, contact EMMEGI.

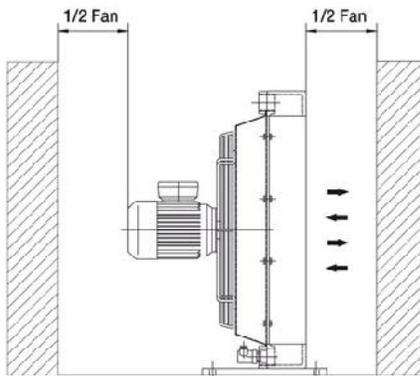


Fig.1

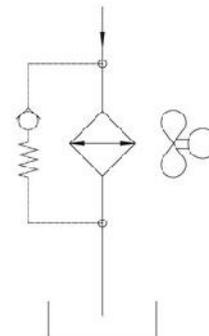


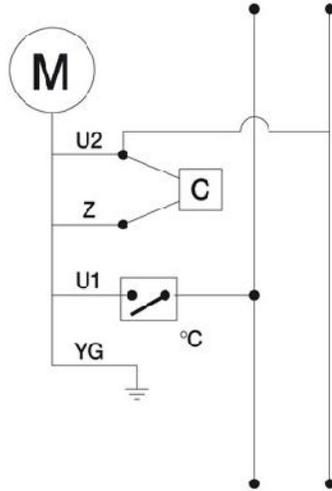
Fig.2



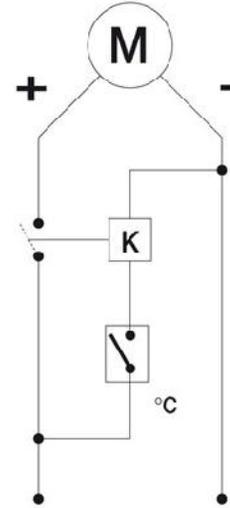
HEAT EXCHANGERS AIR - OIL MODEL HPA

Collegamenti elettrici

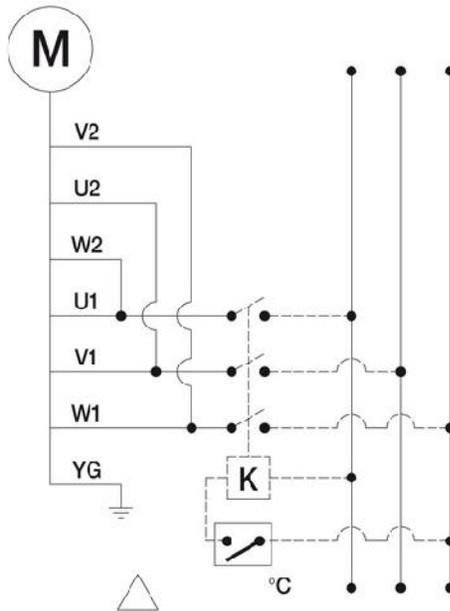
Electric Wiring



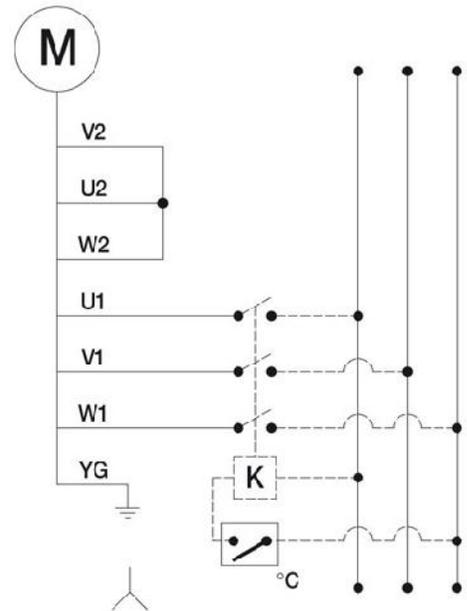
230V AC 1 PHASE



12-24V DC



230V AC 3 PHASE



400V AC 3 PHASE

°C = Termostato NA./Thermostat NO.

K = Relé/Relay



HEAT EXCHANGERS AIR - OIL MODEL HPA

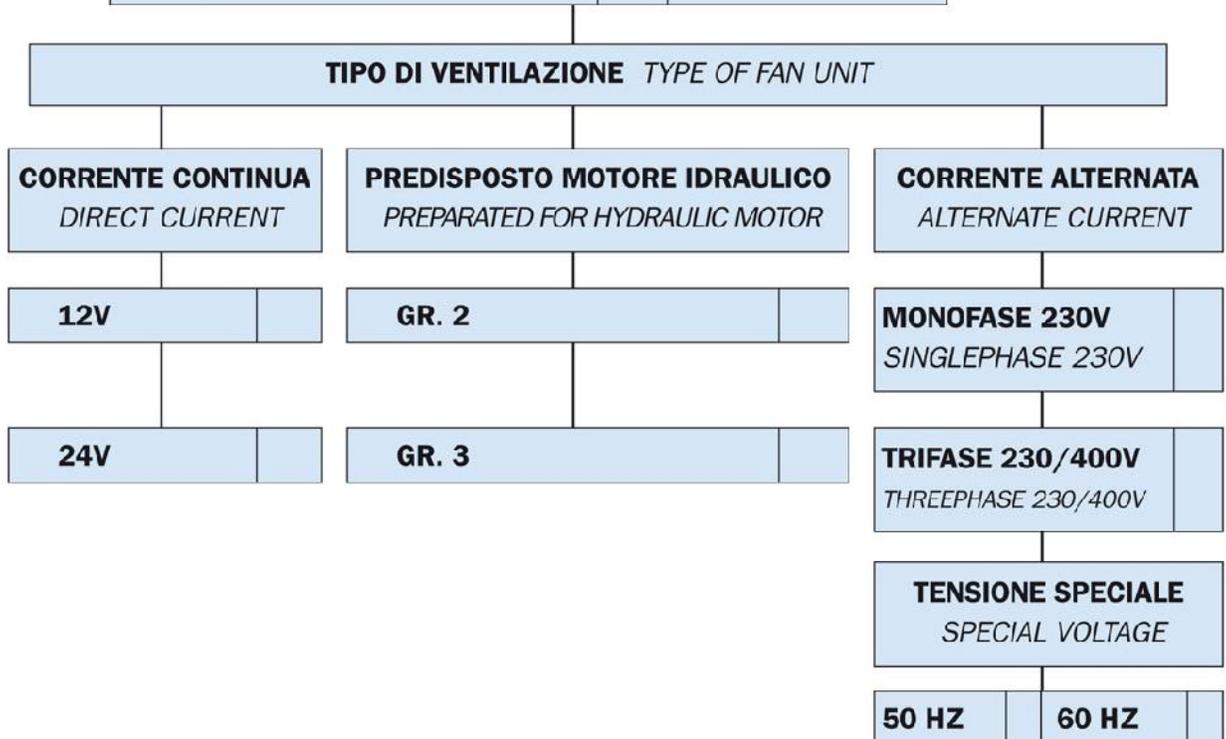
Modulo richiesta dati

Sheet for cooler selection

CLIENTE COMPANY	
RICHIEDENTE NAME	

ARIA-OLIO AIR-OIL

PORTATA OLIO OIL FLOW RATE	lpm	
POTENZA INSTALLATA TOTAL POWER	kW	
POTENZA DA DISSIPARE POWER TO BE DISSIPATED	kW	
TEMPERATURA INGRESSO OLIO OIL TEMPERATURE INLET	°C	
TEMPERATURA ARIA MAX MAX AMBIENT TEMPERATURE	°C	
VISCOSITÀ OLIO OIL VISCOSITY	cst	
PRESSIONE DI LAVORO WORKING PRESSURE	bar	





HEAT EXCHANGERS AIR - OIL MODEL HPA

Denominazione codice prodotto *Aria-olio Serie HPA*

Ordering code *Air-oil HPA Series*



TIPO DI SISTEMA *COOLER SERIES*

424 (HPA 24)

TIPO DI MOTORIZZAZIONE *FAN MOTOR TYPE*

- 03 AC 230V-400V 50-60 Hz (B14)
- 12 DC 12V
- 24 DC 24V
- 54 Pred. per mot. idr. gr. 1 *Prep. for hydr. mot. gr. 1*
- 56 Pred. per mot. idr. gr. 2 *Prep. for hydr. mot. gr. 2*
- 58 Pred. per mot. idr. gr. 3 *Prep. for hydr. mot. gr. 3*

TERMOSTATI *THERMOSTATS*

- 1 Termostato fisso *Fixed thermostat* 40-28°
- 2 Termostato fisso *Fixed thermostat* 50-38°
- 3 Termostato fisso *Fixed thermostat* 60-48°
- 4 Termostato fisso *Fixed thermostat* 70-58°
- 5 Termostato fisso *Fixed thermostat* 80-68°
- 6 Termostato fisso *Fixed thermostat* 90-78°
- 8 Termostato regolabile *Adjustable thermostat* 0-120° (TC2)

TIPO DI VENTILAZIONE *VENTILATING TYPE*

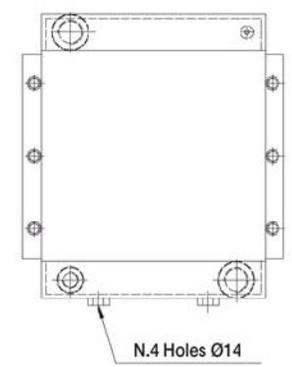
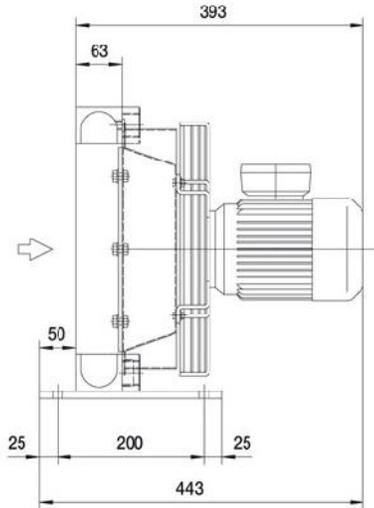
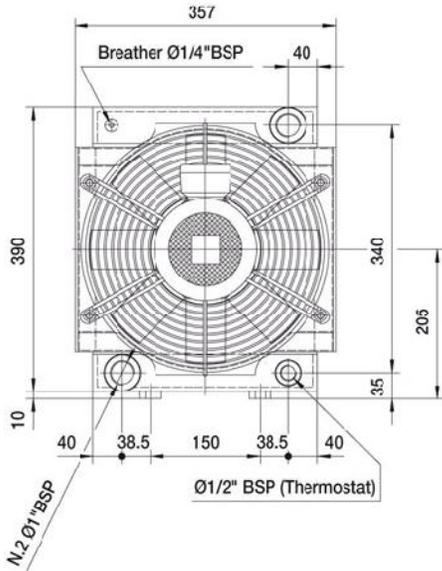
- 01 Aspirante *Suction air flow*
- 02 Soffiante *Blowing air flow*



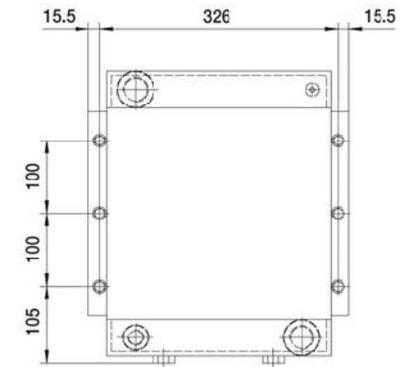
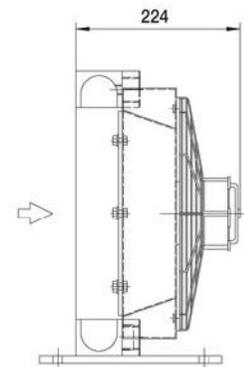
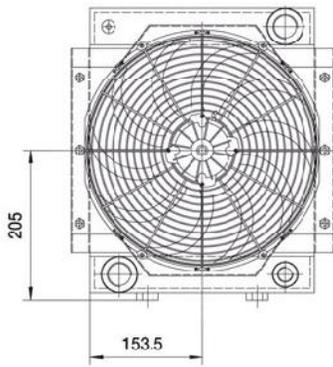
HEAT EXCHANGERS AIR - OIL MODEL HPA 12

Dimensioni *Dimensions*

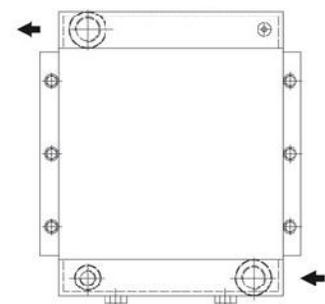
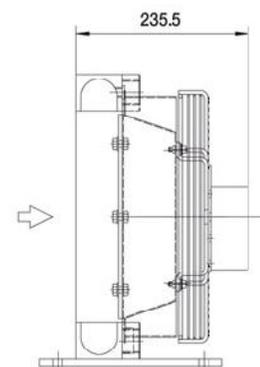
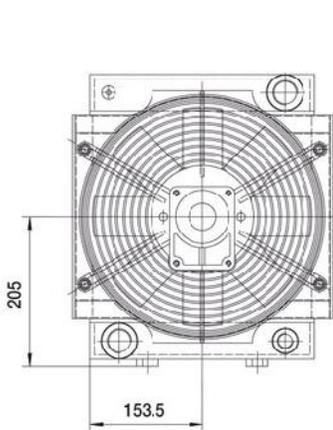
MODEL HPA 12



P/N 241201###
P/N 241203###



P/N 241212###
P/N 241224###



P/N 241256###



HEAT EXCHANGERS AIR - OIL MODEL HPA 12

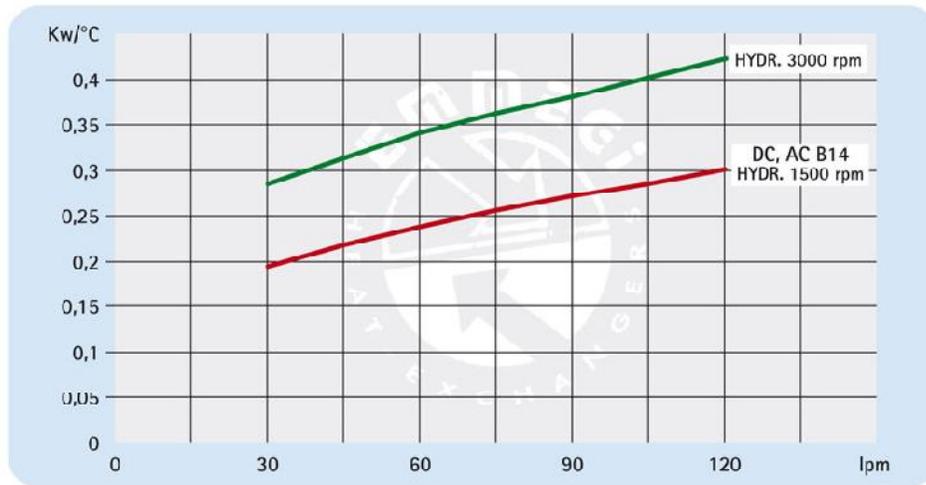
Dati tecnici *Technical Data*

MODEL HPA 12

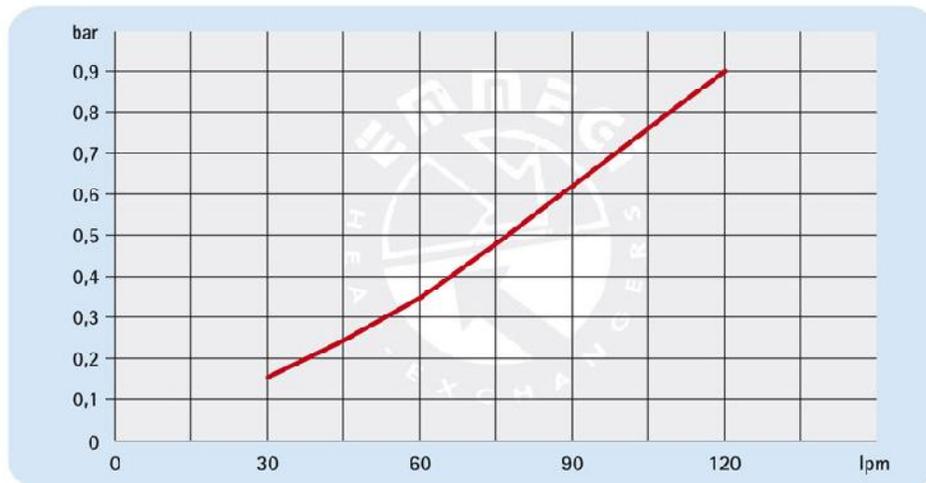
P/N	V	Hz	kW	A	rpm	∅ Fan	dB(A)	(m³/h)	IP	lt	Kg
241203###	230-400 B14 AC	50/60	0,250	0,7	1450	315	72	1670	55	1,9	17
241212###	12 DC	/	0,160	11,3	3000	305	77	1590	68		15
241224###	24 DC	/	0,160	6,3	3000	305	80	1700	68		15
241256###	Prepared for Gr.2 hydraulic motor					315			/		16

Contattare EMMEGI *Contact EMMEGI*

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (ISO VG 32)*



Fattore di correzione - F - (perdite di carico) *Correction factor - F - (Pressure drop)*

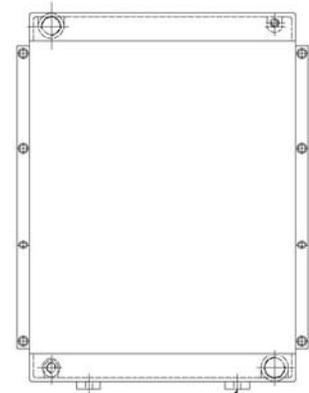
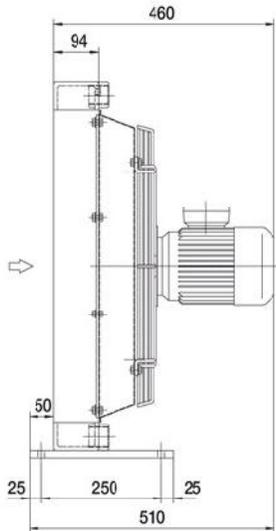
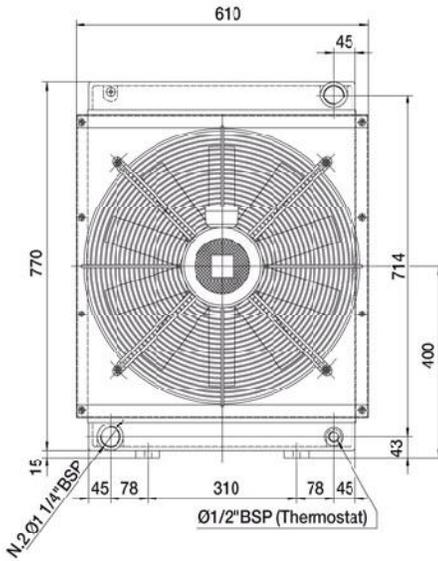
cst	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



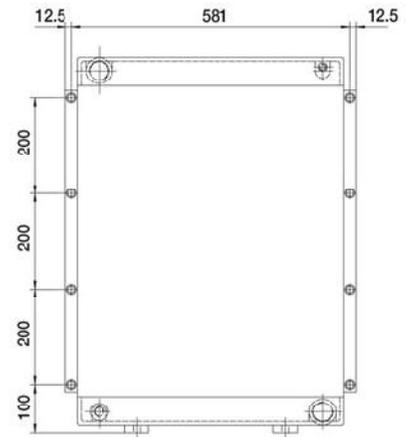
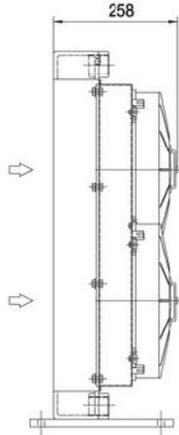
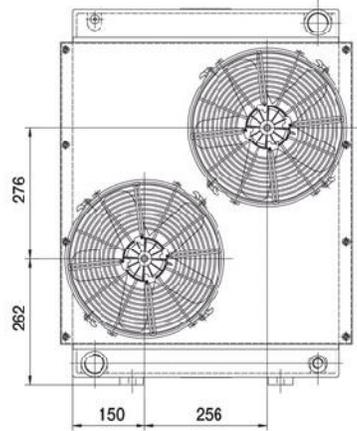
HEAT EXCHANGERS AIR - OIL MODEL HPA 36

Dimensioni *Dimensions*

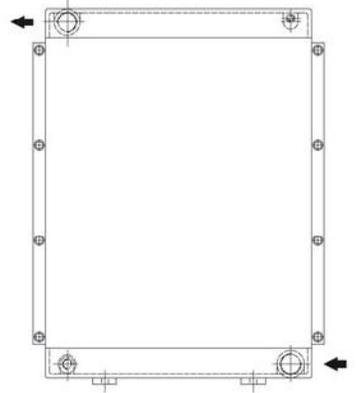
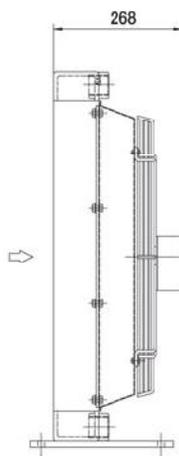
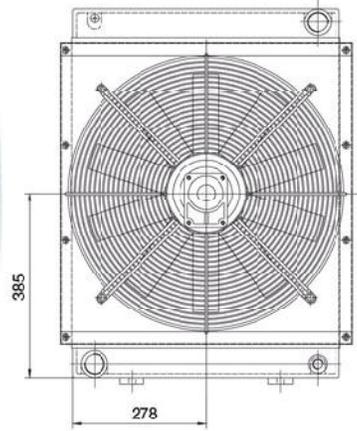
MODEL HPA 36



P/N 243603###



P/N 243612###
P/N 243624###



P/N 243656###



HEAT EXCHANGERS AIR - OIL MODEL HPA 36

Dati tecnici *Technical Data*

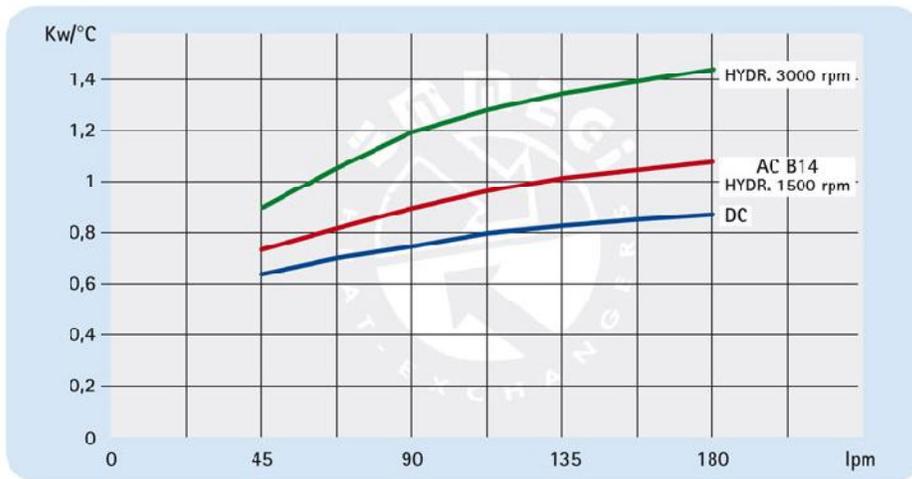
MODEL HPA 36

P/N	V	Hz	kW	A	rpm	ø Fan	dB(A)	(m³/h)	IP	It	Kg
243603###	230-400 B14 AC	50/60	1,1	2,32	1450	500	82	5650	55	9,4	60
243612###	12 DC	/	0,200	12,5	3100	305	83	2100	68		50
243624###	24 DC	/	0,200	7,8	3100	305	84	2400	68		50
243656###	Prepared for Gr.2 hydraulic motor					500			/		52

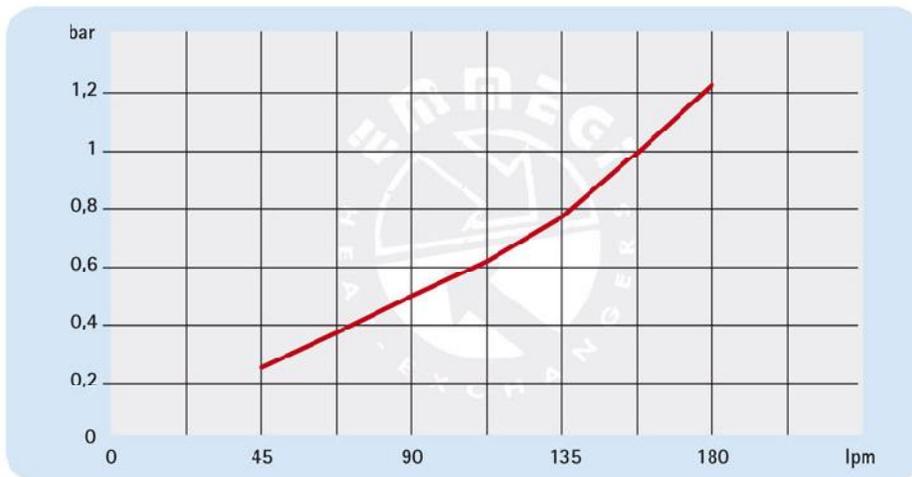
Per il 12-24V i dati sono riferiti al singolo ventilatore For 12-24V the data refers to each ventilator

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (32 CST)*



Fattore di correzione - F - (perdite di carico) *Correction factor - F - (Pressure drop)*

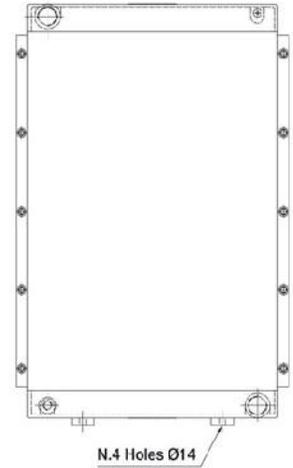
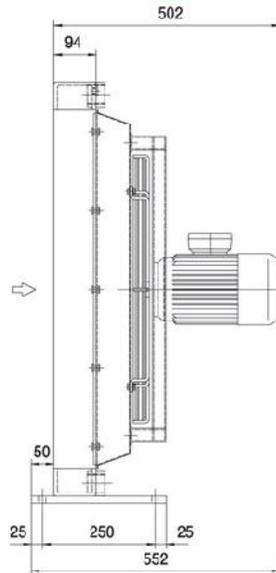
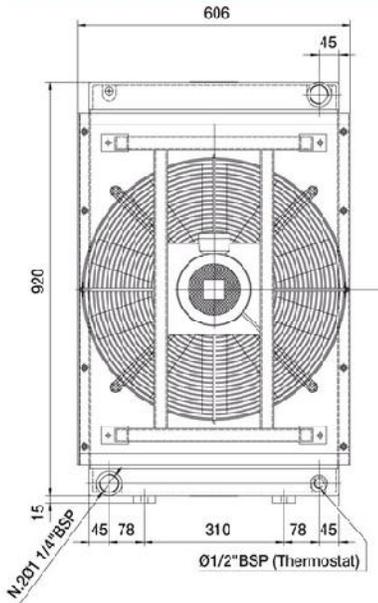
cst	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



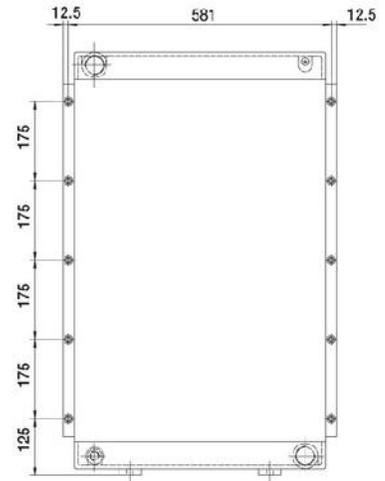
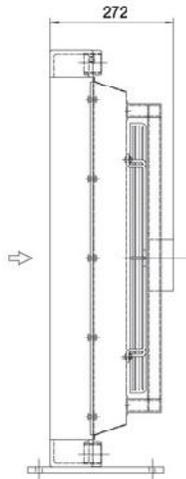
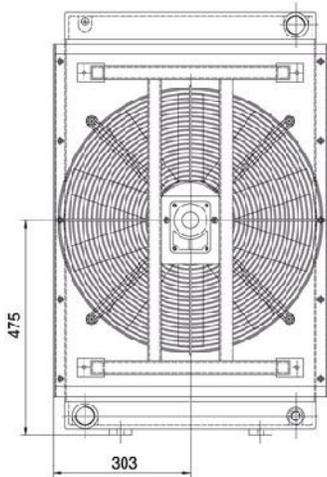
HEAT EXCHANGERS AIR - OIL MODEL HPA 42

Dimensioni *Dimensions*

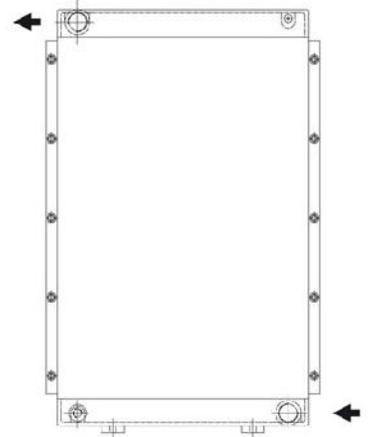
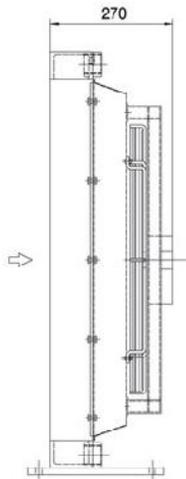
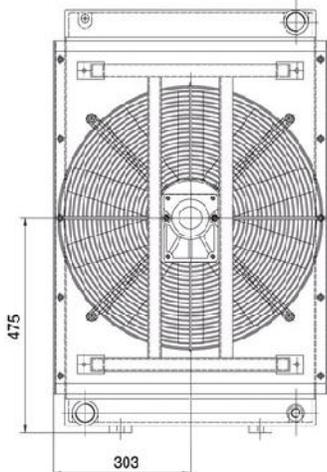
MODEL HPA 42



P/N 244203###



P/N 244256###



P/N 244258###



HEAT EXCHANGERS AIR - OIL MODEL HPA 42

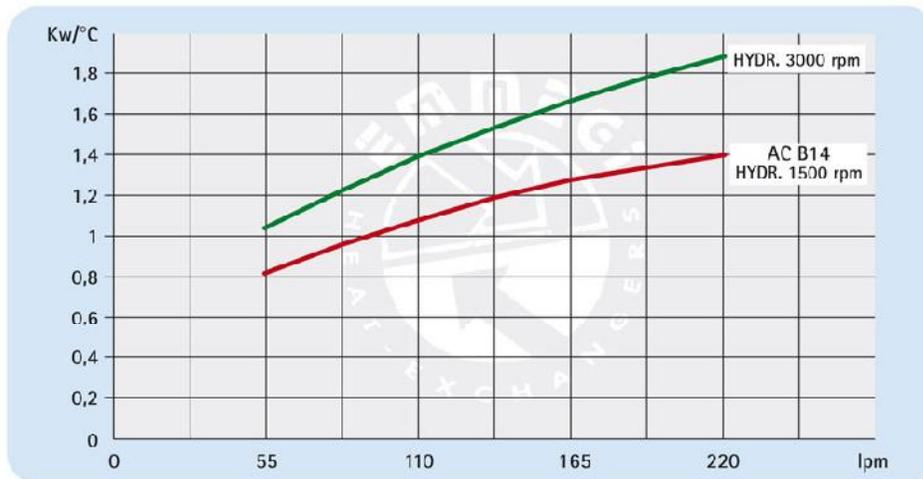
Dati tecnici *Technical Data*

MODEL HPA 42

P/N	V	Hz	kW	A	rpm	∅ Fan	dB(A)	(m³/h)	IP	It	Kg
244203###	230-400 B14 AC	50/60	1,1	2,5	1450	560	84	7550	55		65
244256###	Prepared for Gr.2 hydraulic motor				☎	560	☎	☎	/	10,6	58
244258###	Prepared for Gr.3 hydraulic motor				☎	560	☎	☎	/		58

☎ Contattare EMMEGI *Contact EMMEGI*

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (ISO VG 32)*



Fattore di correzione - F - (perdite di carico) *Correction factor - F - (Pressure drop)*

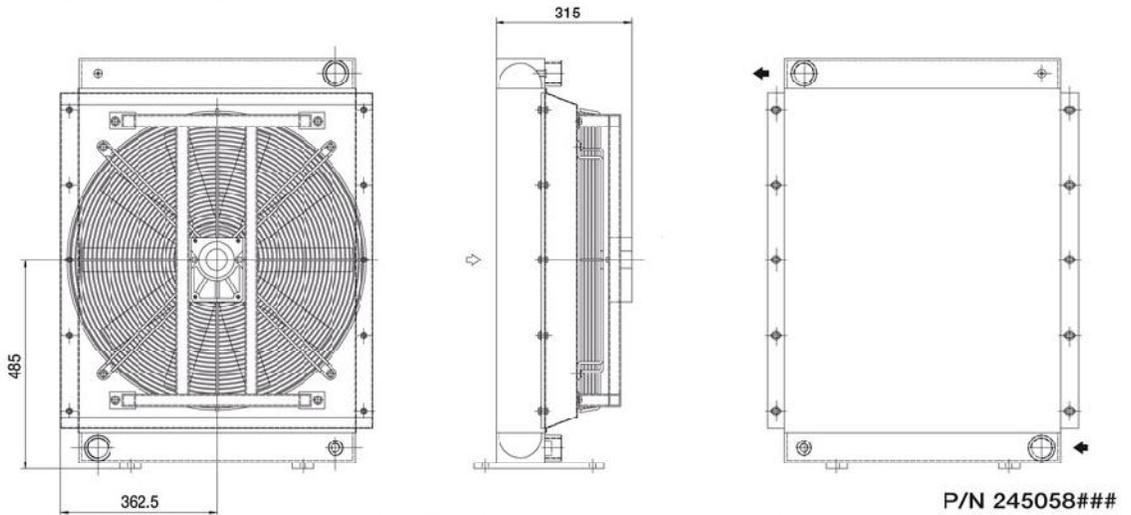
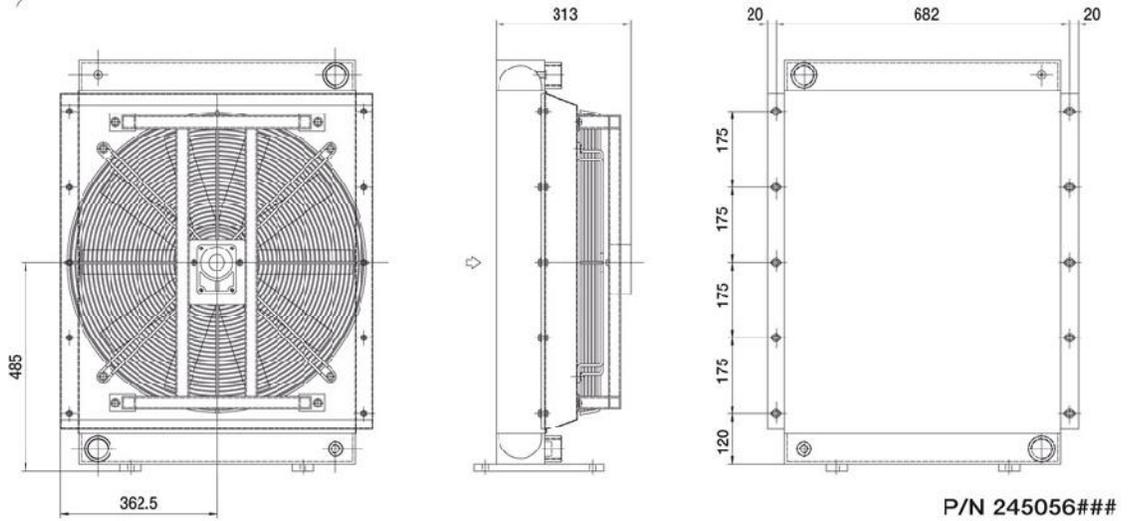
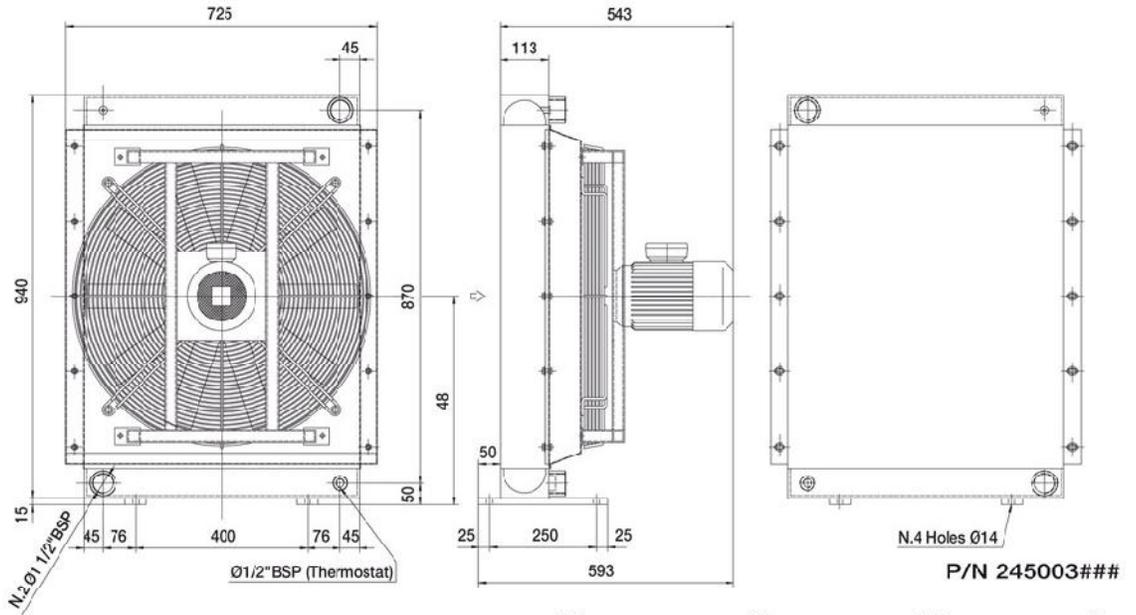
cst	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



HEAT EXCHANGERS AIR - OIL MODEL HPA 50

Dimensioni *Dimensions*

MODEL HPA 50





HEAT EXCHANGERS AIR - OIL MODEL HPA 50

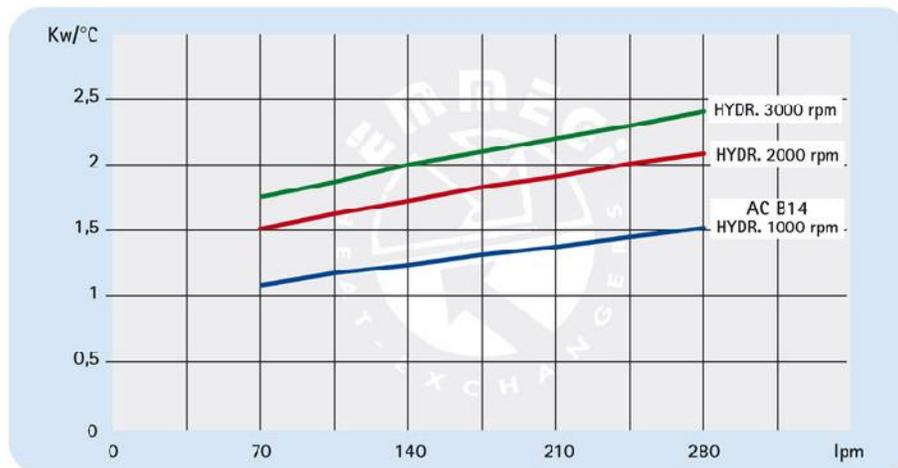
Dati tecnici *Technical Data*

MODEL HPA 50

P/N	V	Hz	kW	A	rpm	ø Fan	dB(A)	(m³/h)	IP	It	Kg
245003###	230-400 B14 AC	50/60	1,1	2,3	980	630	80	7550	55		90
245056###	Prepared for Gr.2 hydraulic motor				☎	630	☎	☎	/	14,2	83
245058###	Prepared for Gr.3 hydraulic motor				☎	630	☎	☎	/		83

☎ Contattare EMMEGI *Contact EMMEGI*

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (ISO VG 32)*



Fattore di correzione - F - (perdite di carico) *Correction factor - F - (Pressure drop)*

cst	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3