

OFFLINE HYDRAULIC COOLING SYSTEMS

HEAT EXCHANGERS



SILENT EVO II

HEAT-EXCHANGERS



50/60 Hz
Totally Enclosed
Three Phase Motor

Low Noise
Dirt Tolerant
Screw Pump



Rugged Bar & Plate
Construction



JIC Oil Connections

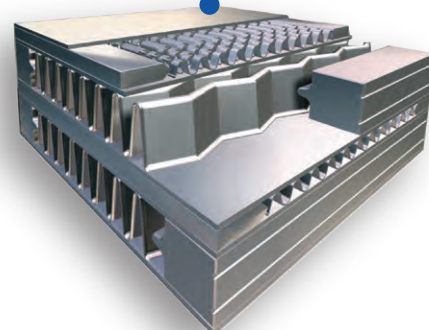
EMMEGI oil coolers are stocked with BSP Parallel thread oil connections. This allows us to draw inventory from our other Worldwide locations as needed. Product shipped from our US facility include SAE J514 37° flare adaptors. Both straight and 90° fittings are standard. A wide selection of optional types and sizes are available.

Bar & Plate Technology

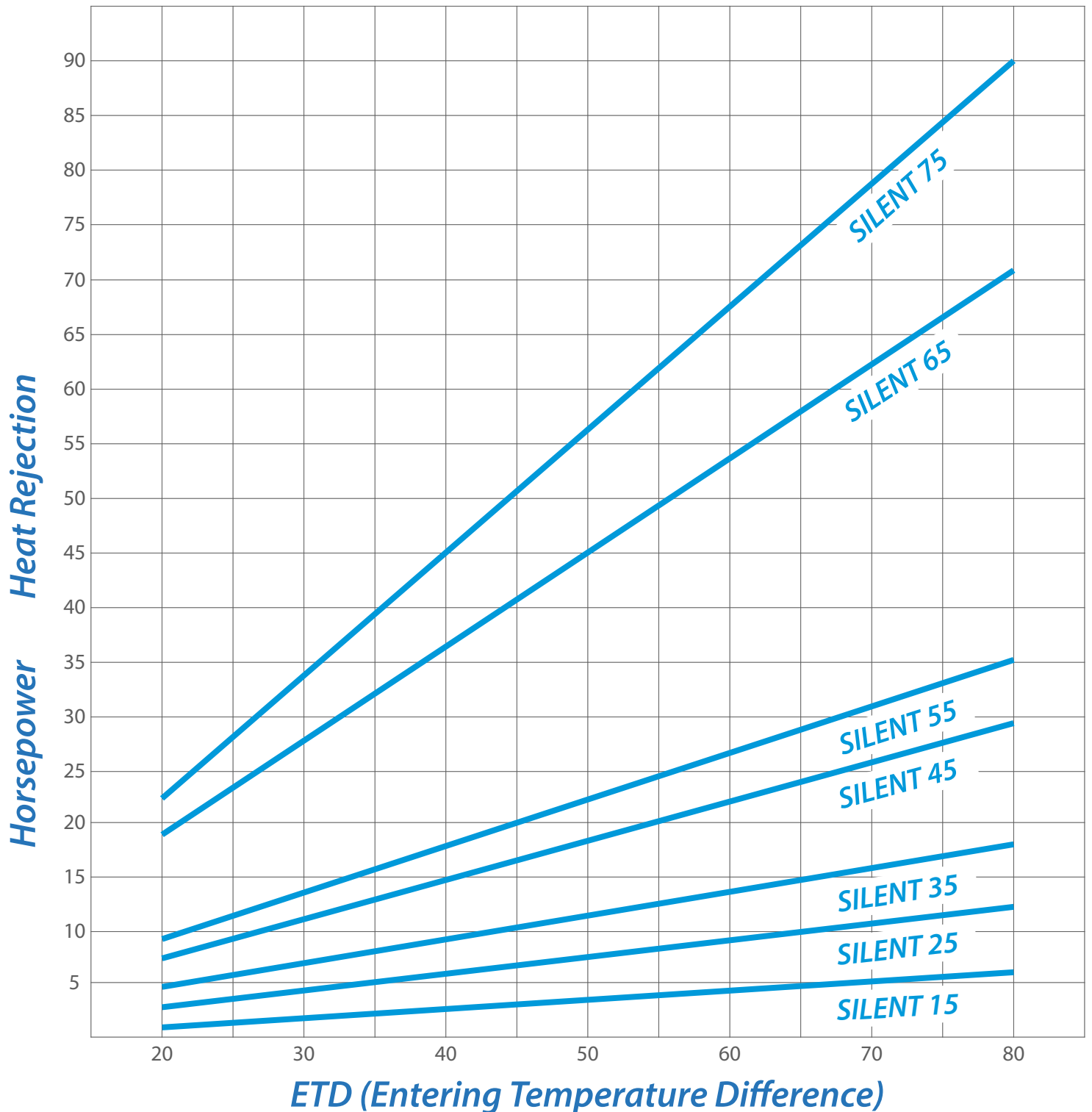
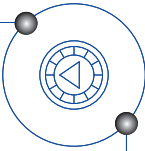
Aluminum Bar & Plate construction is the most advanced heavy duty technology available today. This design has several significant features:

- > **Compact Performance:** Up to 50% smaller than traditional fin & tube construction.
- > **Rugged Construction:** 1/4" Thick bars protect the fluid channels from damage.
- > **Serviceable:** Bars extend to fin edges allowing high pressure washing.
- > **Non-Louvered Air Fins :** Low fouling (9 Fins / inch).

Ultra-low fouling air fins optional (5 Fins / inch).

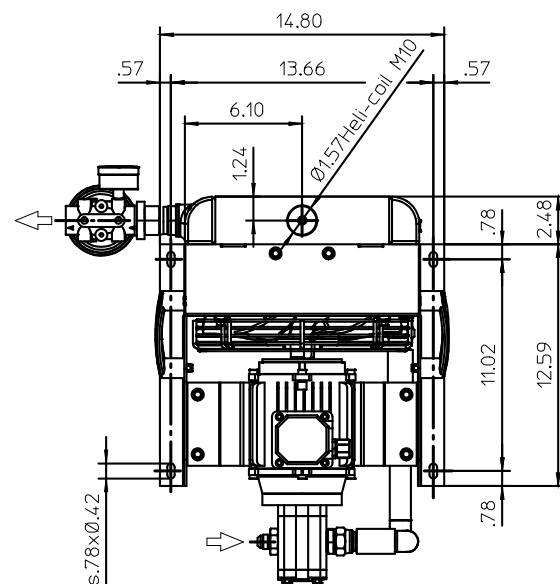
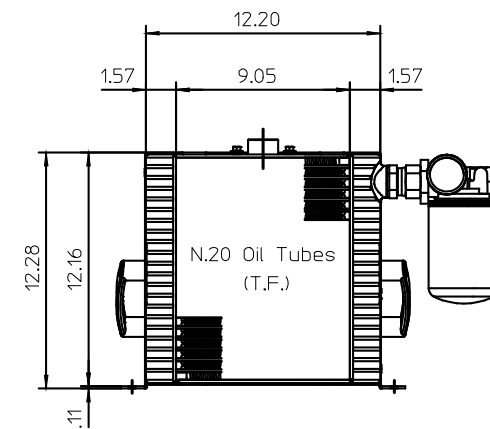
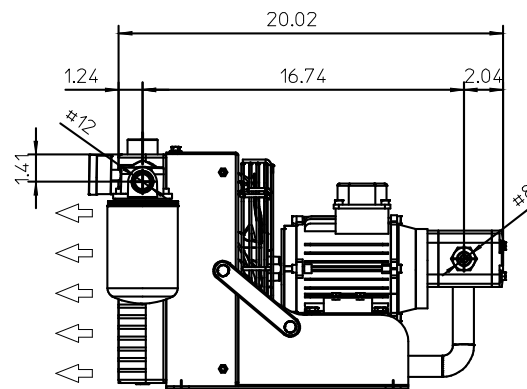
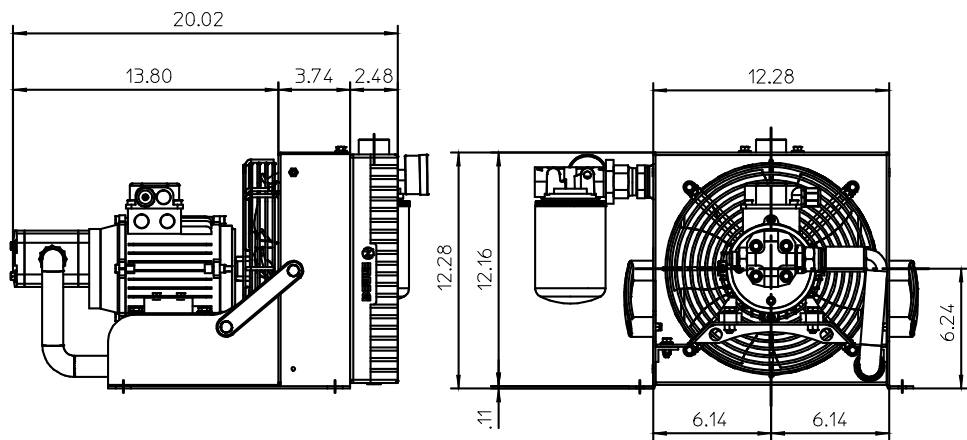


Silent EVO II - Performance Graph

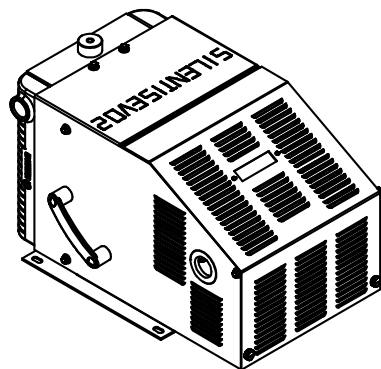


ETD = Entering Air Temperature - Entering Oil Temperature

HEAT-EXCHANGERS



N.4 Slotted holes.78xØ.42



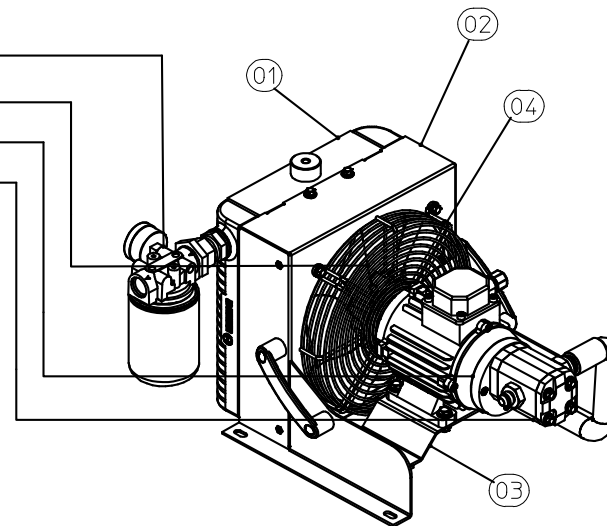
Versione con carena disponibile a richiesta
Version with cover available on request

Filter

Fan P/N 0876190

Motor P/N 0876180

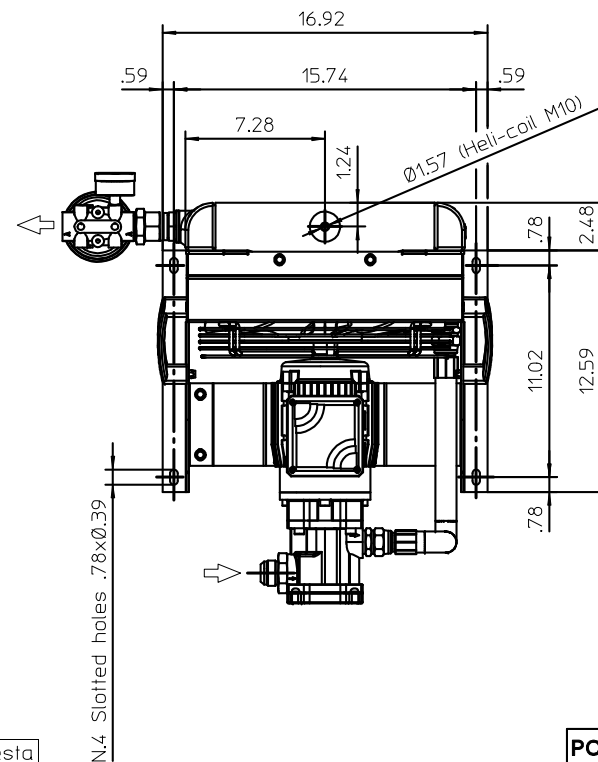
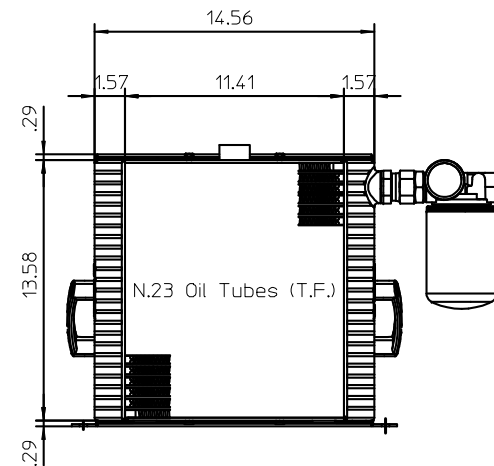
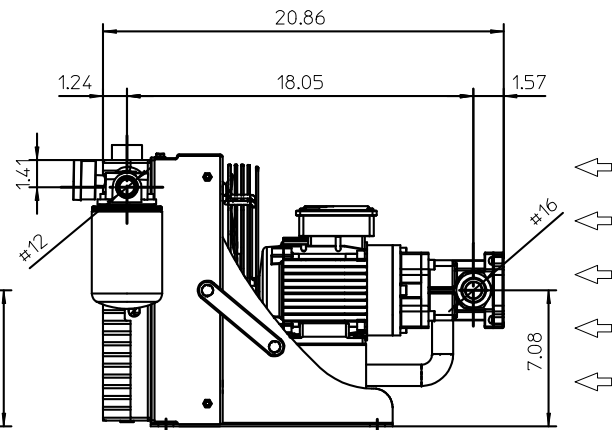
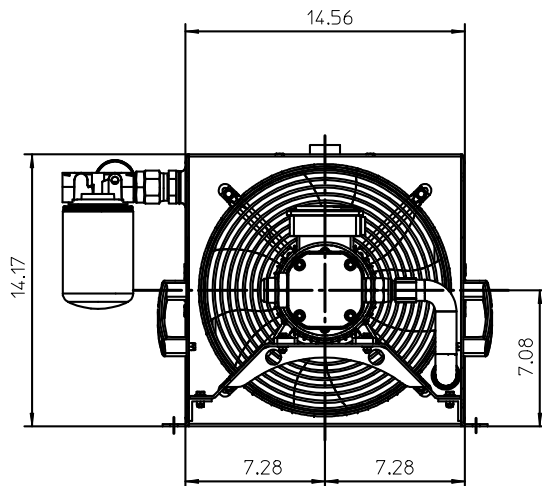
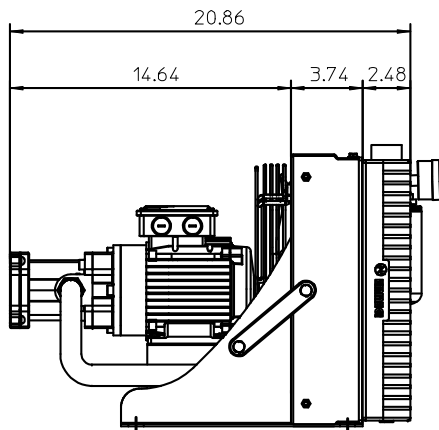
Pump P/N 0876290



POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	BLACK RAL 9005

0	Esistono	05-06-14	Villa N.	Laboratorio G.	Approvato
Rev.	Descrizione	Specifica	Data	Disegnato	Controllo
Tolleranze					
DATI TECNICI					
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1					
Classe di tolleranza					
c					
Pressione di eserc. : 20 bar					
Pressione di coll. : 35 bar					
Max. temp. di eserc. : 120 °C					
Codice prodotto					
Codice prodotto cliente					
DISEGNO ESEGUITO A CAD.					
NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.					
Materiale					
Reference					
RIFERIMENTO					
SILENT EVO 2.15 JIC					
230/400V 50Hz - 208/230-460V 60Hz					
DISEGNO N.					
Draw N.					
REV.					
0					

Vieta la copia, la riproduzione e la cessione a terzi a norma di legge. Di questo disegno vale la copia con indice maggiore.

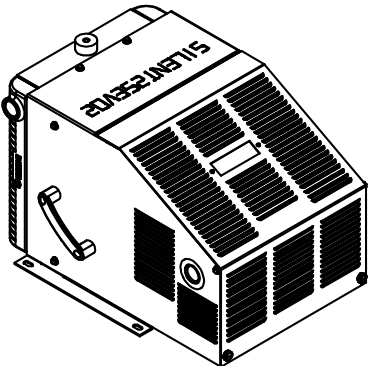
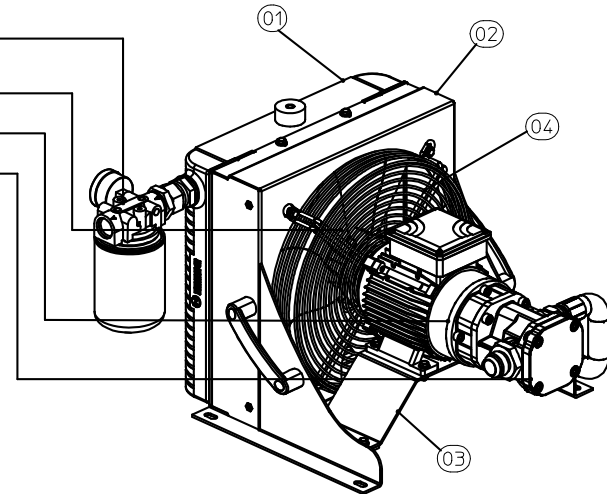


Filter

Fan P/N 0876110

Motor P/N 0876100

Pump P/N 0876090

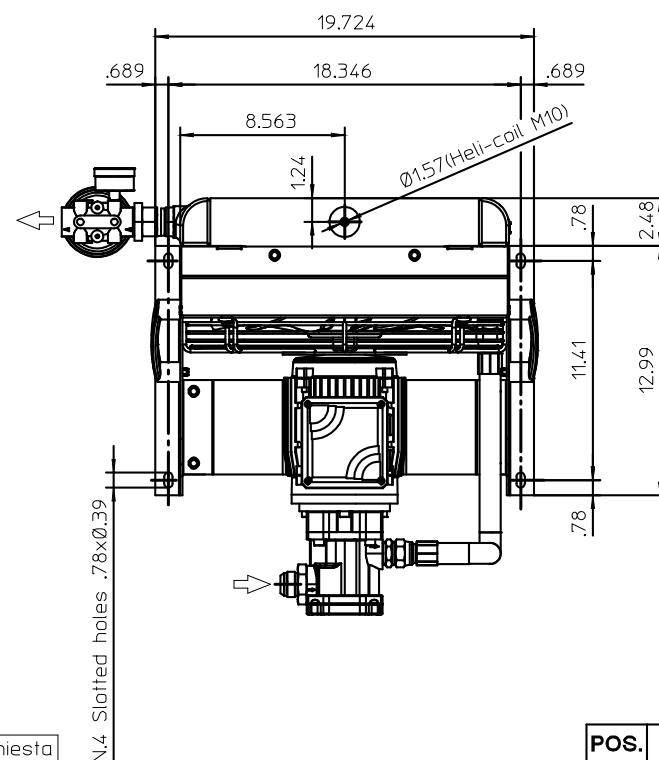
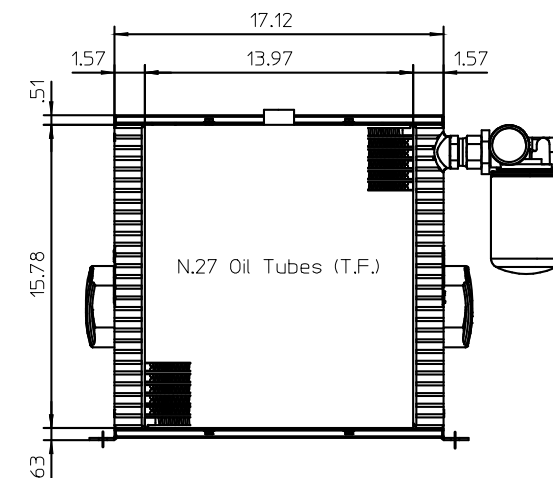
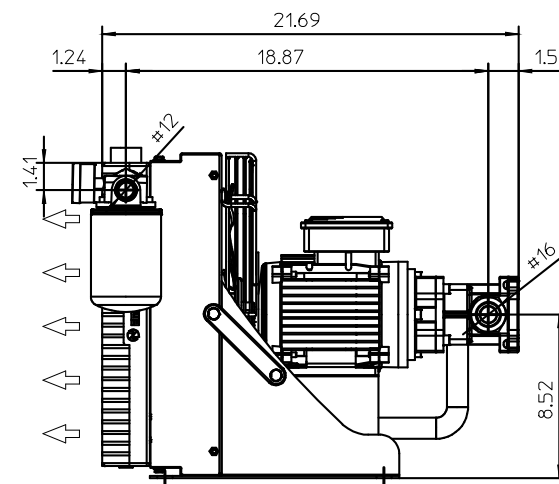
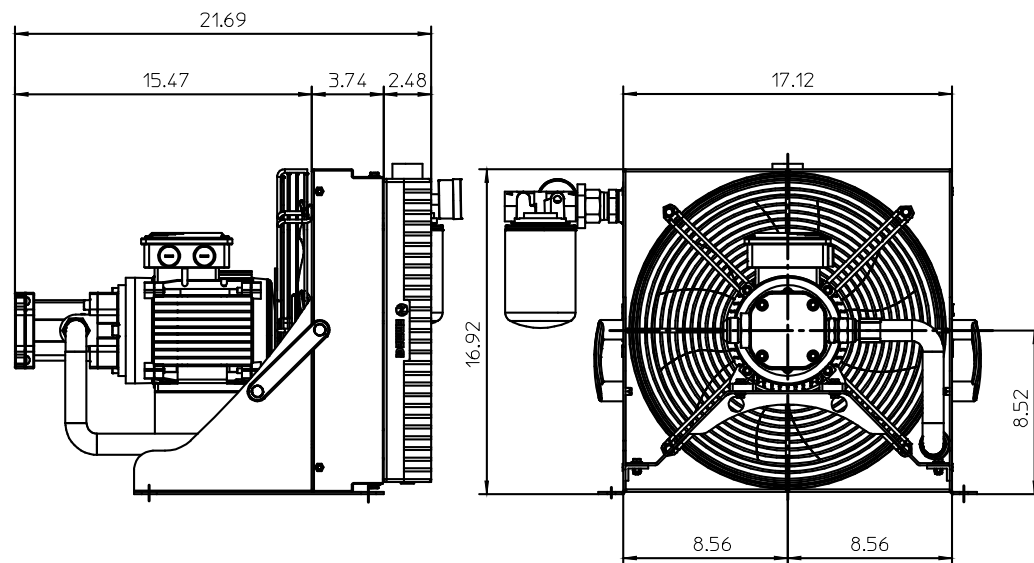


Versione con carena disponibile a richiesta
Version with cover available on request

POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	BLACK RAL 9005

0	Esistono	03-06-14	Villa M.	Laboratorio G.	Approvato
Rev.	Descrizione	Specifico	Data	Disegnato	Controllato
Tolleranze	DATI TECNICI	DISEGNO ESEGUITO A CAD.			A2
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1	Pressione di eserc. : 20 bar	NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.			SCALA 1:5
Classe di tolleranza C	Pressione di coll. : 35 bar	Materiale			Peso Kg. Weight
	Max. temp. di eserc. : 120 °C	RIFERIMENTO			DENOMINAZIONE
	Codice prodotto	SILENT EVO 2 Z5 WITH FILTER + JIC			Description
	Codice prodotto cliente	230/400V 50Hz - 208/230-460V 60Hz			Assieme
		DISEGNO N.			Draw N.
		REV.			0

Vieta la copia, la riproduzione e la cessione a terzi a norma di legge. Di questo disegno vale la copia con indice maggiore.



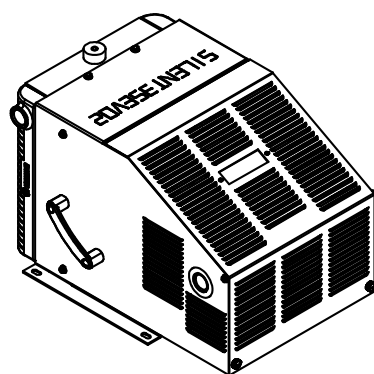
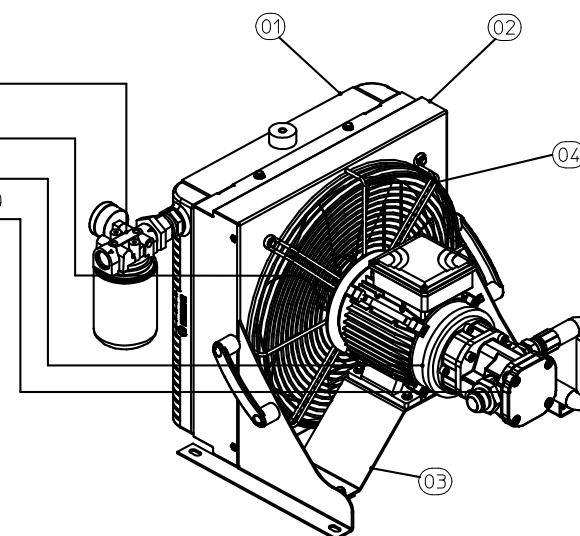
N.4 Slotted holes .78x0.39

Filter

Fan P/N 0876110

Motor P/N 0876100

Pump P/N 0876090

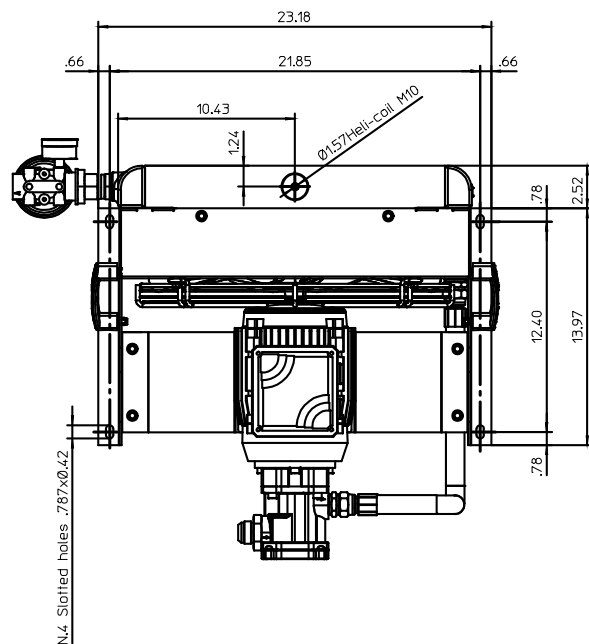
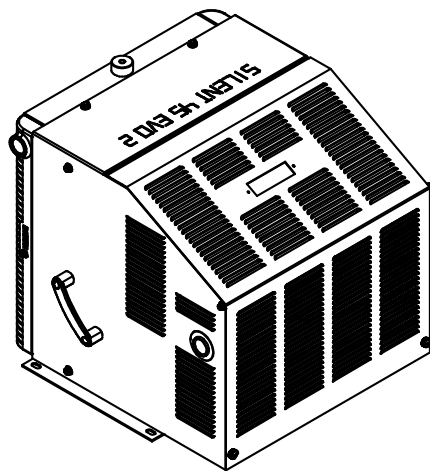
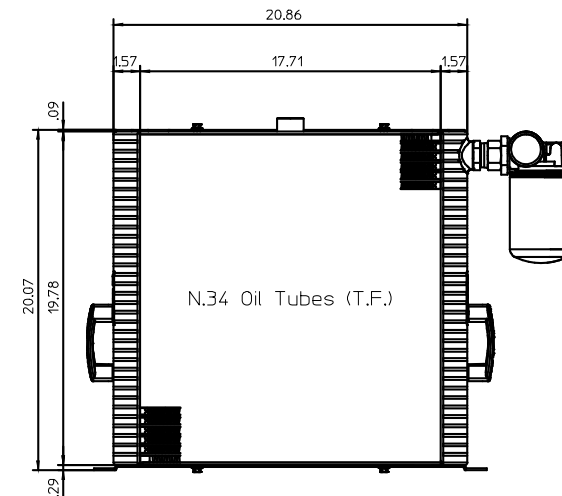
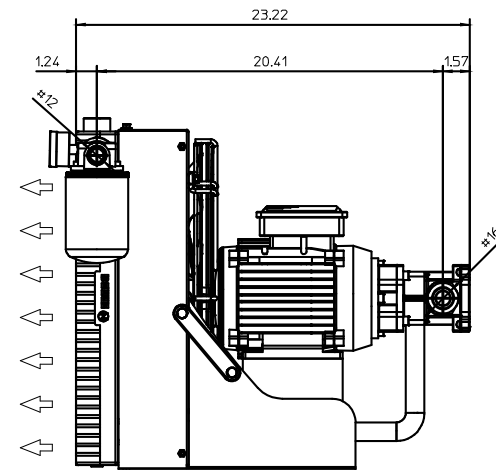
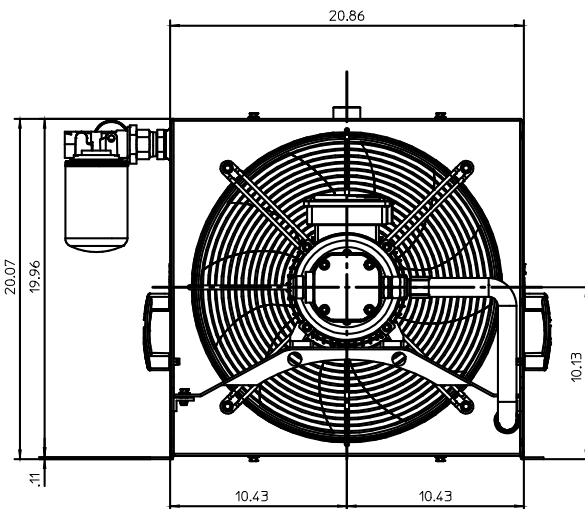
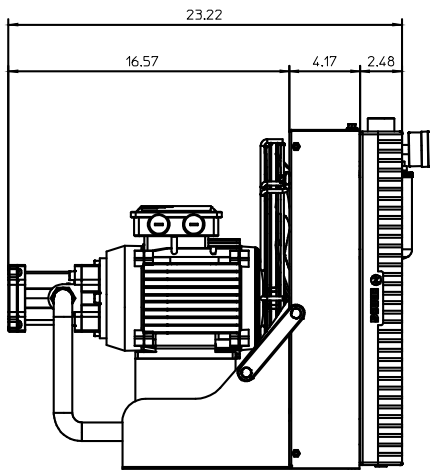


Versione con carena disponibile a richiesta
Version with cover available on request

POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	BLACK RAL 9005

0	Esistenza	04-06-14	Villa N.	Laboratorio G.	Approvato
Rev.	Descrizione	Specifica	Data	Disegnato	Controllato
	Tolleranze	DATI TECNICI	DISEGNO ESEGUITO A CAD.		
	Per quote senza indicazione di tolleranza vedi tabella EN 22768-1.	Pressione di eserc. : 20 bar	NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.		
	Classe di tolleranza	Pressione di coll. : 35 bar	A2		
		Max. temp. di eserc. : 120 °C	SCALA 1:5		
		Codice prodotto	RICAVATO DA :		
		Codice prodotto cliente	DENOMINAZIONE		
			Assieme		
			DISEGNO N.		
			Draw N.		
			REV.		
			0		

Vieta la copia, la riproduzione e la cessione a terzi a norma di legge. Di questo disegno vale la copia con indice maggiore.

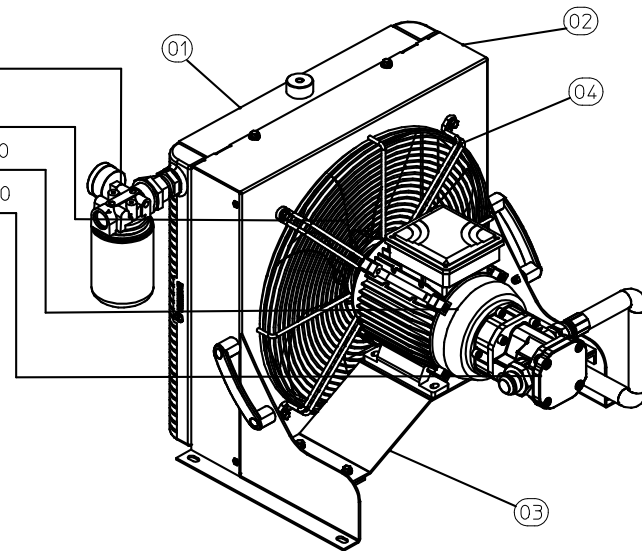


Filter

Fan P/N 0876150

Motor P/N 0876140

Pump P/N 0876090



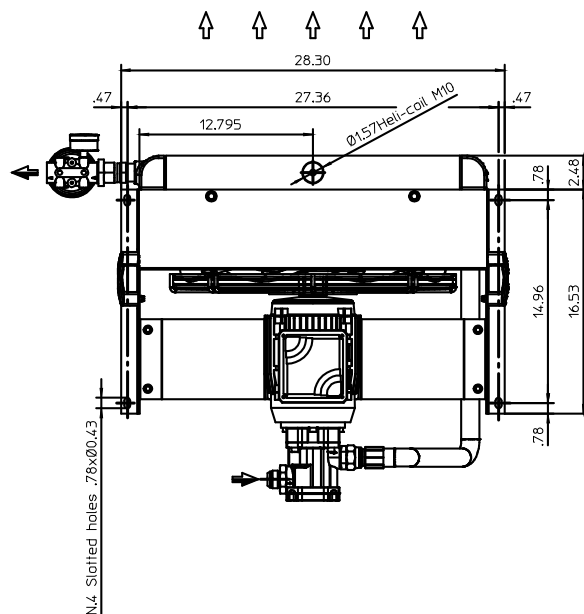
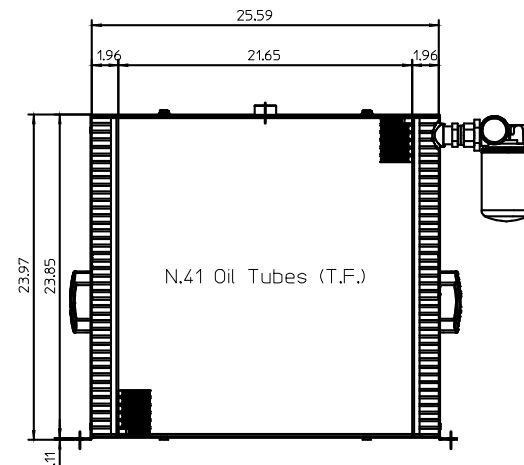
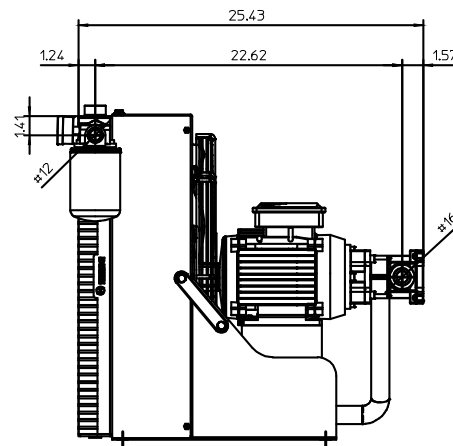
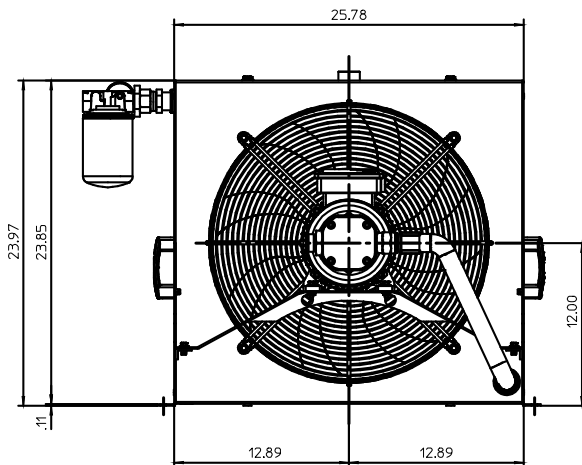
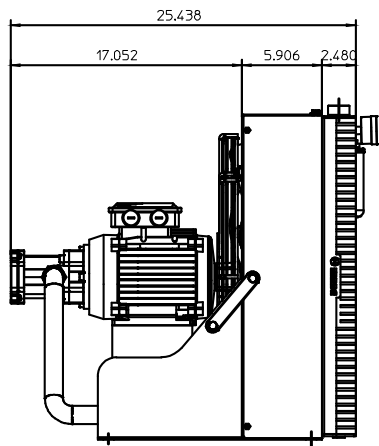
Versione con carena disponibile a richiesta
Version with cover available on request

POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	TRATT. ZINC.

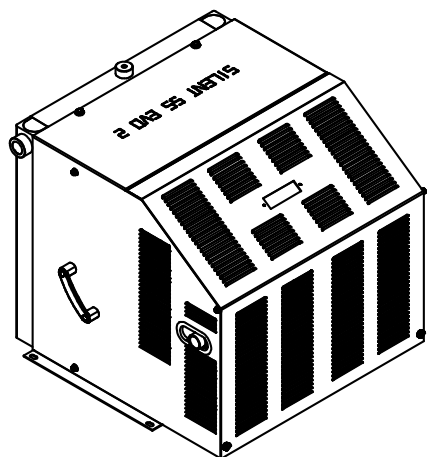
Rev.	Modifiche	Specifiche	04-05-06	Vita N.	Lab. N.	Approvato

Tolleranze	DATI TECNICI	DISSEGNO ESEGUITO A CAD.
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1	Pressione di eserc. : 20 bar Pressione di col. : 35 bar Max. temp. di eserc. : 120 °C Codice prodotto	NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.
Classe di tolleranza	C	REFERIMENTO SILENT EVO 2.45 MH FILTER-JC 230/400V 50Hz - 208/230-460V 60Hz
		DENOMINAZIONE Assieme
		Draw N. REV.
		0

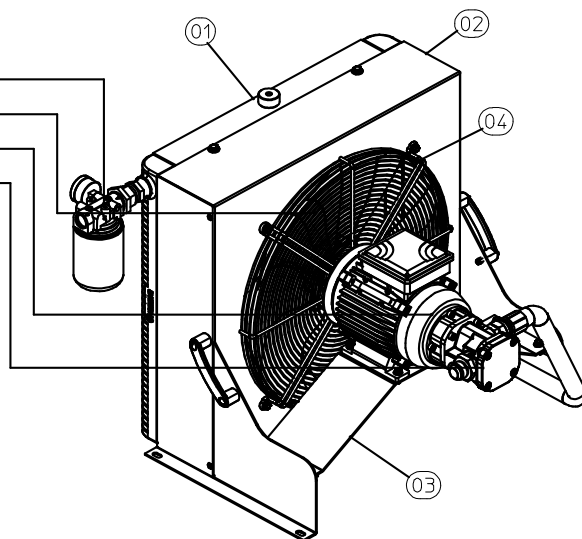
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Versione con carena disponibile a richiesta
Version with cover available on request



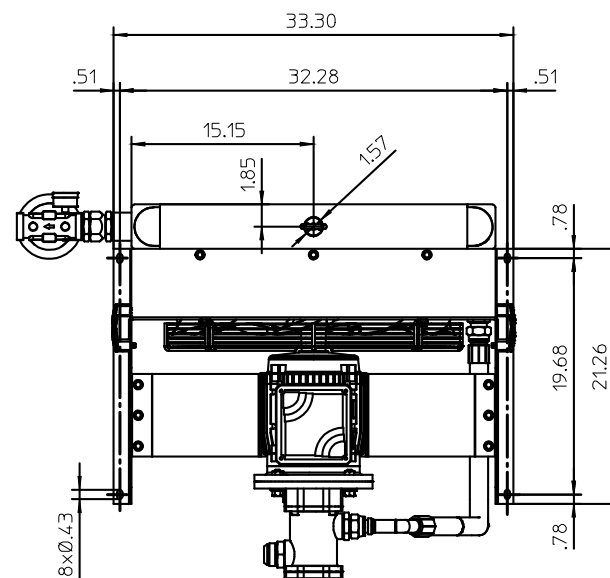
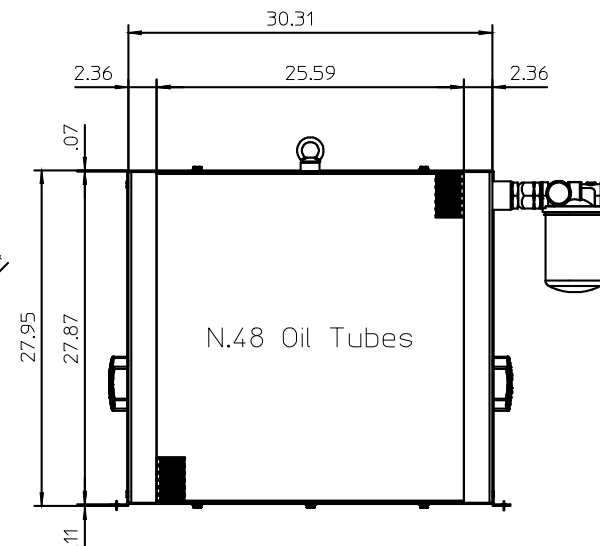
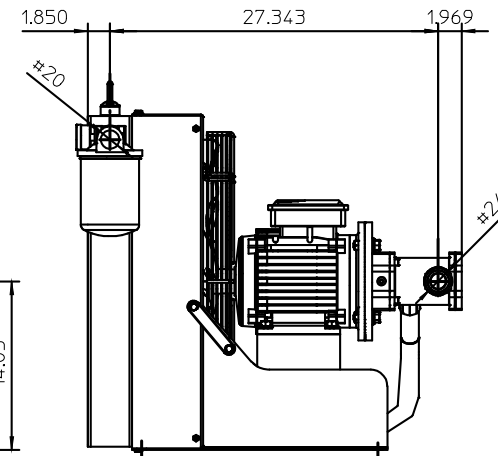
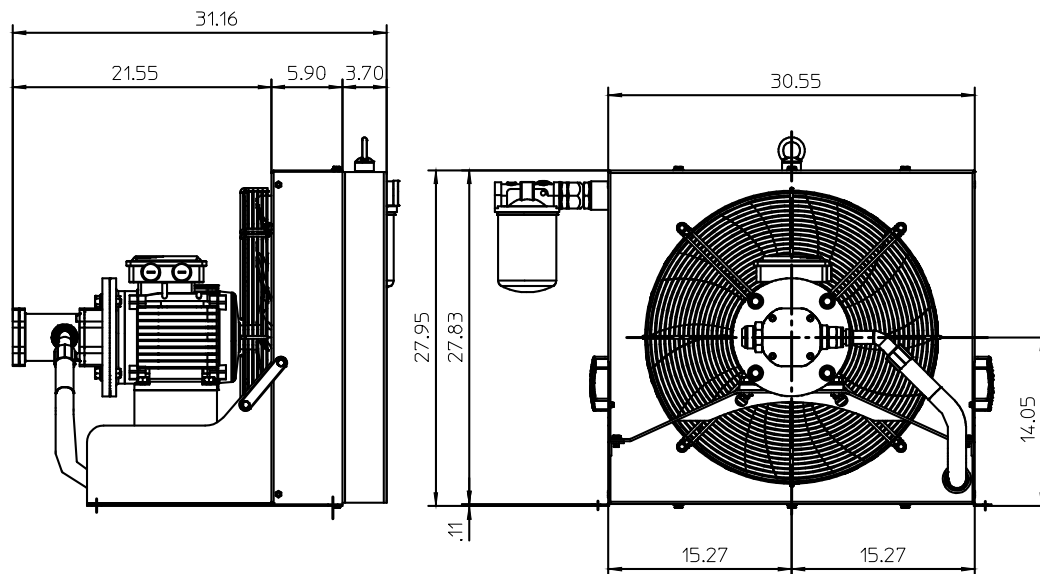
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Fan P/N 0876170
Motor P/N 0876160
Pump P/N 0876090



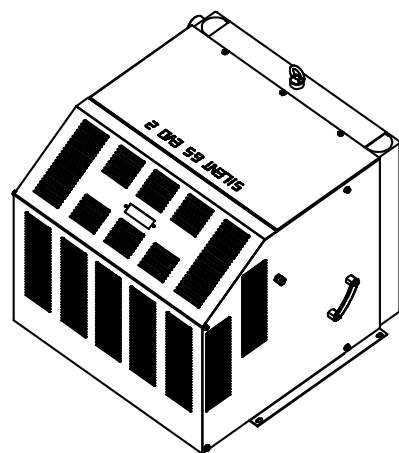
POS.	DENOMINAZIONE	VERNICIATO
01	COLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	TRATT. ZINC.

Rev.	Modificato	Specifico	05-05-16	Vita N.	Labornato N.	Approvato
Tolleranze			DATI TECNICI			
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1			Pressione di eserc. : 20 bar			
Classe di tolleranza c			Pressione di col. : 35 bar			
			Max. temp. di eserc. : 120 °C			
			Codice prodotto			
			Codice prodotto cliente			
			DISEGNO ESEGUITO A CAD.			
			NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI			
			Materiale			
			Riferimento			
			Reference			
			DENOMINAZIONE			
			Assieme			
			DISEGNO N.			
			Draw N.			
			REV.			
			0			

Vieta la copia, la riproduzione e la cessione a terzi o norma di legge. Di questo disegno vale la copia con indice maggiore.



N.4 Slotted holes: 78x0.43



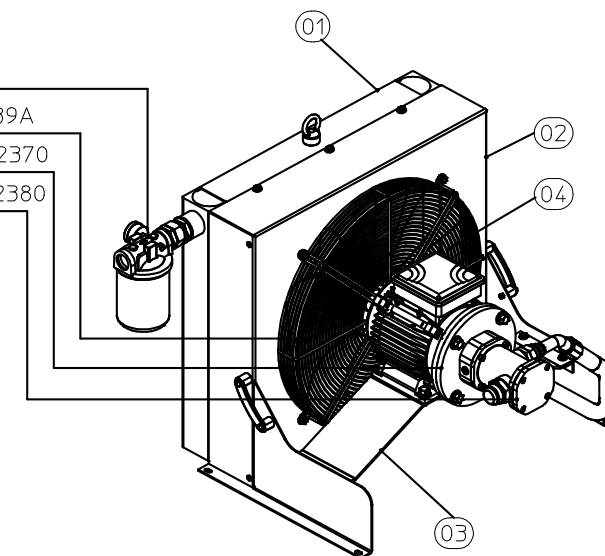
Versione con carena disponibile a richiesta
Version with cover available on request

Filter

Fan P/N 095239A

Motor P/N 0952370

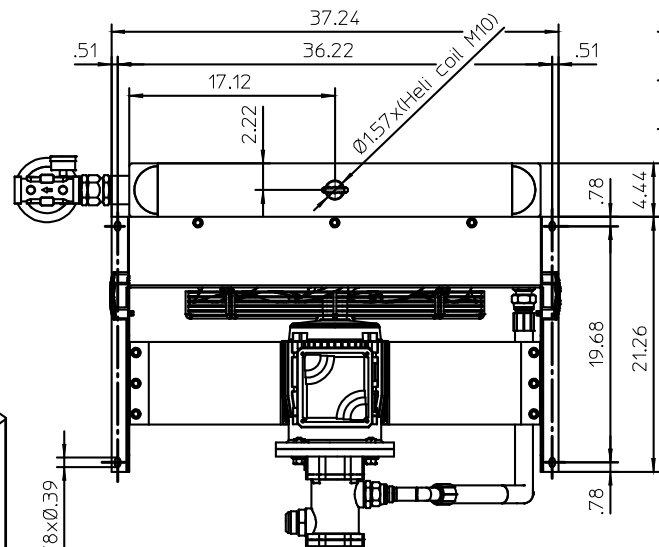
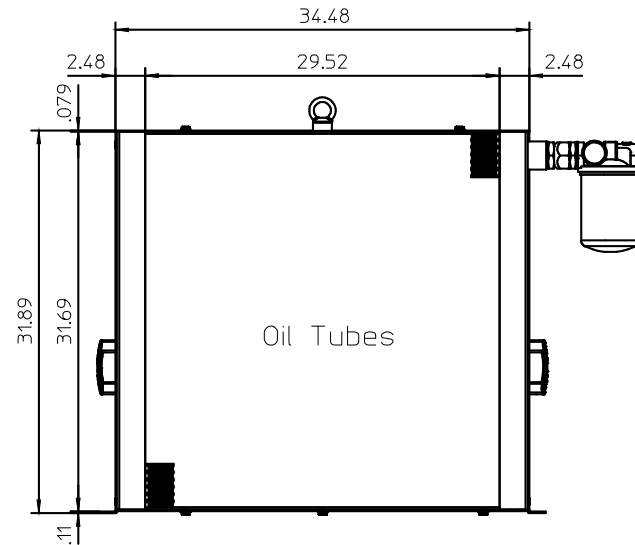
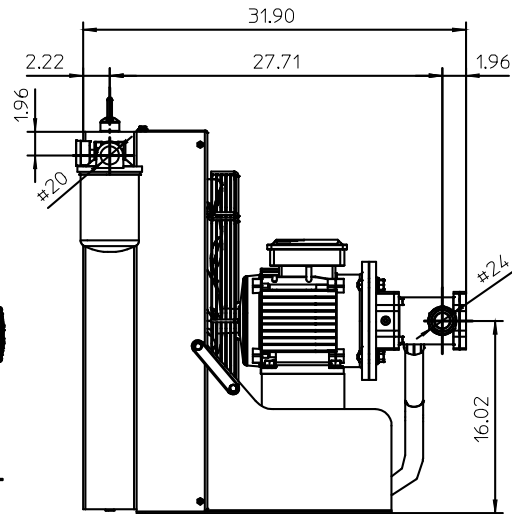
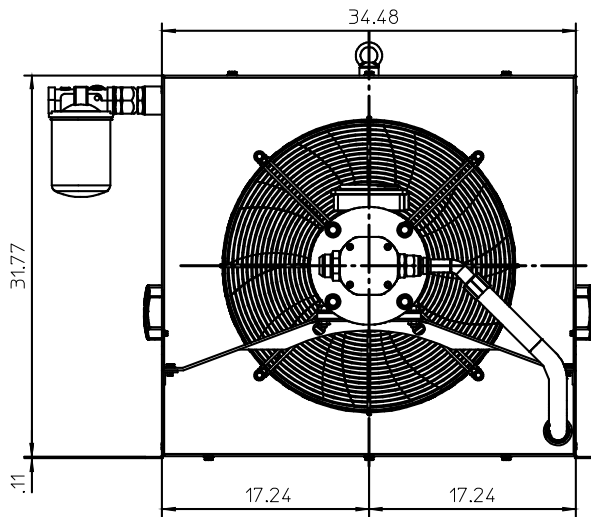
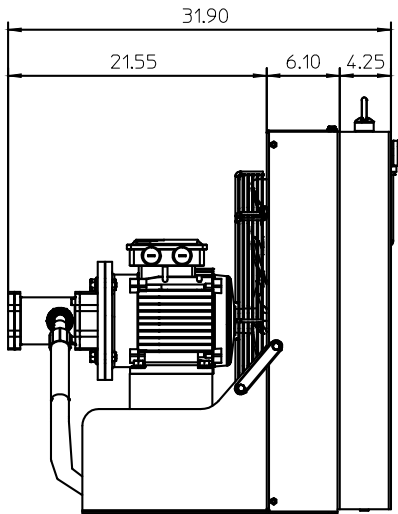
Pump P/N 0952380



POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	BLACK RAL 9005

Rev.	Descrizione	Specifica	Data	Disegnato	Controlato	Approvato
0	Esistenza		04-06-14	Villa N.	Laboratorio G.	
Tolleranze						
DATI TECNICI						
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1. Classe di tolleranza C						
Pressione di eserc. : 20 bar						
Pressione di coll. : 35 bar						
Max. temp. di eserc. : 120 °C						
Codice prodotto						
Codice prodotto cliente						
DISEGNO ESEGUITO A CAD. NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.						
RIFERIMENTO						
Reference						
SILENT EVO 2 65 WITH FILTER-JC						
230/400V 50Hz - 208/230-460V 60Hz						
DENOMINAZIONE						
Assieme						
DISEGNO N.						
Draw N.						
REV.						

Vieta la copia, la riproduzione e la cessione a terzi a norma di legge. Di questo disegno vale la copia con indice maggiore.



N.4 Slotted holes.78x0.39

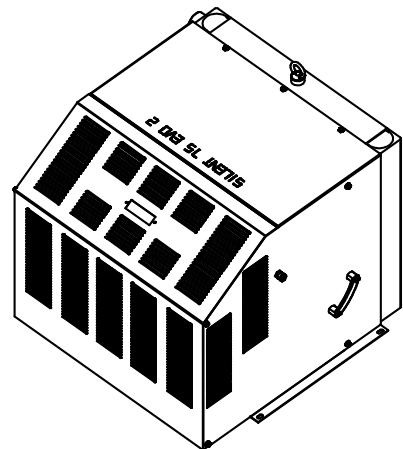
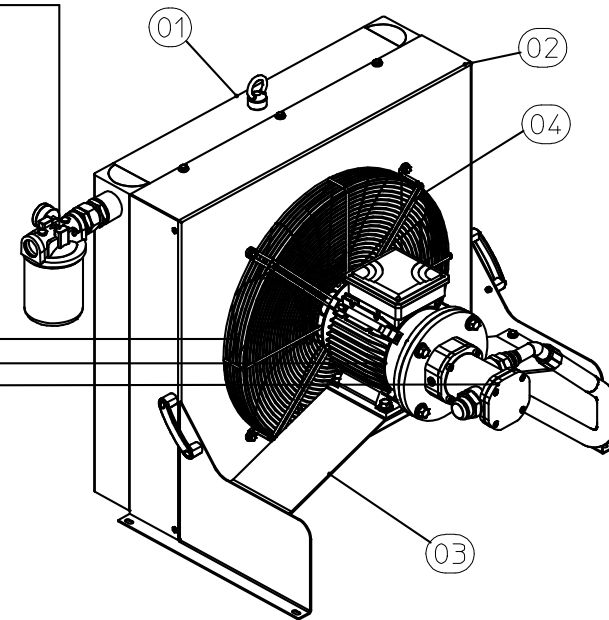


Filter

Fan P/N 095239A

Motor P/N 0952370

Pump P/N 0952380



Versione con carena disponibile a richiesta
Version with cover available on request

VERNICIATO		
POS.	DENOMINAZIONE	VERNICIATO
01	COOLER ELEMENT	GRAY RAL 7042
02	STRUCTURE	BLUE RAL 5010
03	MOTOR SUPPORT PLATE	BLUE RAL 5010
04	FAN GRATE	BLACK RAL 9005

0	Esistenza	04-06-14	Villa N.	Laboratorio G.	Approvato
Rev.	Descrizione	Specifica	Data	Disegnato	Controllo
Tolleranze	DATI TECNICI	DISEGNO ESEGUITO A CAD.			SCALA 1:8
Per quote senza indicazione di tolleranza vedi tabella EN 22768-1	Pressione di eserc. : 20 bar	NON SONO AMMESSE MODIFICHE O CORREZIONI MANUALI.			
Classe di tolleranza	Pressione di coll. : 35 bar	Materiale			Peso Kg. Weight
	Max. temp. di eserc. : 120 °C	RIFERIMENTO			Ricavato da :
	Codice prodotto	Reference			DENOMINAZIONE
	Codice prodotto cliente	SILENT EVO 2.75 WITH FILTER-JC			Description
		230/400V 50Hz - 208/230-460V 60Hz			Assieme
		DISEGNO N.			Draw N.
		REV.			

Vieta la copia, la riproduzione e la cessione a terzi a norma di legge. Di questo disegno vale la copia con indice maggiore.

Product Lines

AC Fan Driven



**2000K & KBV
AC Motors**
Heat Removals to 16 HP.
Optional Internal Bypass Valve.
Totally Enclosed Motors.
Oil Flows to 50 GPM.



**HPV Series I
AC Motors**
Heat Removals to 70 HP.
Internal Bypass Valve Standard.
Totally Enclosed Motors.
Oil Flows to 100 GPM.



**HPV Series II
AC Motors**
Heat Removals to 265 HP.
Internal Bypass Valve Standard.
Totally Enclosed Motors.
Oil Flows to 350 GPM.

DC Fan Driven



**2000K & KBV
DC Motors**
Heat Removals to 35 HP.
Optional Internal Bypass Valve.
Oil Flows to 125 GPM.



**HPV Series
DC Motors**
Heat Removals to 36 HP.
Internal Bypass Valve Standard.
Oil Flows to 80 GPM.



**S & SBV Series
DC Motors**
Heat Removals to 38 HP.
Optional Internal Bypass Valve.
Oil Flows to 100 GPM.

Hydraulic Fan Driven



**2000K & KBV
Hydraulic Motors**
Heat Removals to 30 HP.
Optional Internal Bypass Valve.
Wide range of Hydraulic Motor
Displacements available.
Oil Flows to 50 GPM



**HPV Series I
Hydraulic Motors**
Heat Removals to 130 HP.
Internal Bypass Valve Standard.
Oil Flows to 100 GPM.



**HPV Series II
Hydraulic Motors**
Heat Removals to 300 HP.
Optional Internal Bypass Valve.
Oil Flows to 350 GPM.

Cooling Systems



Silent Evo II
Off-line cooling systems with
oil cooler & recirculation.
Pump heat removals to 60 HP.



RID Series
Gearbox cooling systems with oil
cooler, recirculation pump & filter
heat removals to 25 HP.



HPA TK
Combination reservoir, oil cooler,
& suction filter.
Ideal for closed loop hydrostatic
cooling.

Water / Oil



**WB Series
Water/Oil**
Stainless steel Water/Oil Coolers.
Compact water saving design.
Heat Removals to 360 HP.
Oil Flows to 200 GPM.



**MG Series
Water/Oil**
Sea Water duty shell & tube heat
exchangers.
Corrosion resistant copper-nickel
cooling tubes & bronze end
bonnets.



Water Modulating Valves
Control water flow through Water/Oil
heat exchangers to maintain desired
oil temperatures.
No external input required.

Accessories



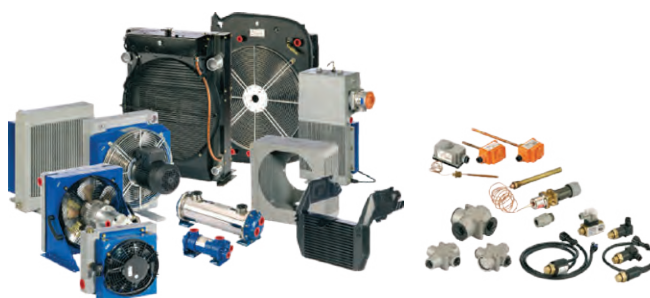
AC Temperature Switches
Cycle cooling fan to maintain desired
temperatures.
Fixed & adjustable designs available.



DC Temperature Switches
12v & 24v Models.
TMR Switches are prewired & include
relay for plug & play operation.



Thermostatic Valves
Modulating valves bypass oil during
cold startup.
#8 through #24 sizes available.



Sales Network



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