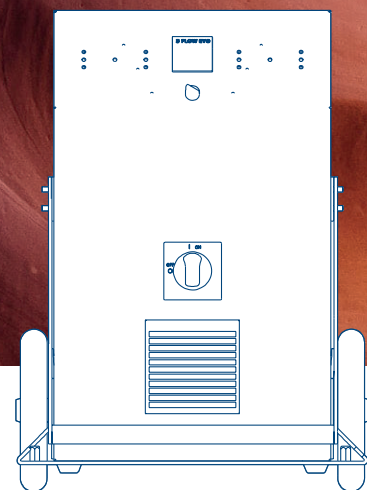




TEMPERATURE CONTROL UNITS

Termoregolatori ad acqua e ad olio, potenza di riscaldamento 3 - 24 kW

Water and oil temperature control units,
heating capacity 3 - 24 kW



La serie **3FLOWSevo** comprende unità di termoregolazione ad acqua e ad olio con potenza di riscaldamento compresa tra 3 e 24 kW. Le centraline ad acqua sono disponibili in versione vaso aperto (fino a 90°C) o pressurizzato (fino a 140°C).

3FLOWSevo line includes water and oil temperature control units with heating capacity ranging from 3 to 24 kW. Water units may be supplied either with open tank (up to +90°C) or under pressure one (up to +140°C).



DIFFERENT
SIZES

2 PUMP
SIZES

WATER TCU
UP TO +140°C

OIL TCU
UP TO +200°C

3FLOWS_{evo}

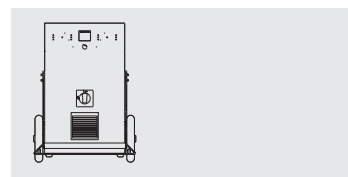


3FLOWSevo-0[™]
Oil up to 200°C

3FLOWSevo-A
Open tank, water up to 90°C

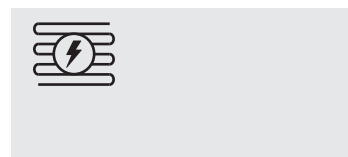
3FLOWSevo-P
Closed tank, water up to 140°C

1. La serie 3FLOWSevo-0 è quotata on demand.
The 3FLOWSevo-0 line is quoted on demand.



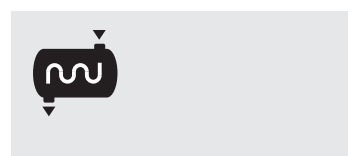
STRUTTURA

Struttura autoportante con pannelli laterali asportabili e maniglia anteriore, grandi ruote posteriori e piedini frontali per garantire stabilità.



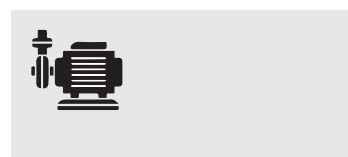
RESISTENZA

A flusso forzato con scarico aria integrato.



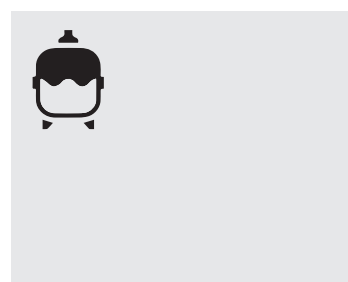
SCAMBIATORE

A piastre (optional).



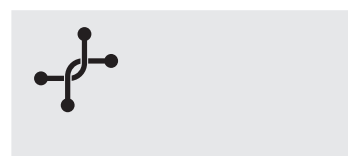
POMPA

Pompa centrifuga a bassa rumorosità.



VASO ESPANSIONE

3FLOWSevo-A/O: vaso di accumulo interno aperto in acciaio inox, capacità 12 lt 3FLOWSevo-P: vaso d'espansione interno in acciaio galvanizzato, capacità 5 lt.
Le versioni ad acqua sono fornite complete di caricamento automatico indipendente.



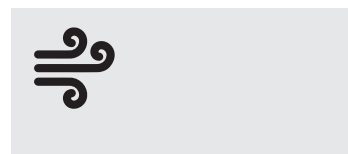
BY-PASS

By-pass idraulico interno di sicurezza.



TUBAZIONI

Realizzate in multistrato plastico.



SCARICO ARIA

3FLOWSevo-A/P: Automatico.
3FLOWSevo-O: Sfioro automatico al riempimento con elettrovalvola.



CONTROLLO

Gefran 650 con display digitale e COOLDOWN SOFTWARE (ciclo di raffreddamento automatico allo spegnimento della pompa).

STRUCTURE

Self-standing structure with removable side-panels and a front handle, large rear wheels and front feet to ensure stability.

HEATER

Forced flow heater with integrated air breather.

HEAT EXCHANGER

Plate-type (optional).

PUMP

Low noise, centrifugal pump.

EXPANSION TANK

3FLOWSevo-A/O: stainless steel open internal tank, capacity 12 lt 3FLOWSevo-P: galvanized steel internal expansion tank, capacity 5 lt.
Water units are fitted with automatic, independent filling system.

BY-PASS

Internal, hydraulic safety by-pass.

PIPES

Multilayer, plastic pipes.

ARIA BREATHER

3FLOWSevo-A/P: Automatic.
3FLOWSevo-O: Automatic air overflow on filling by solenoid valve

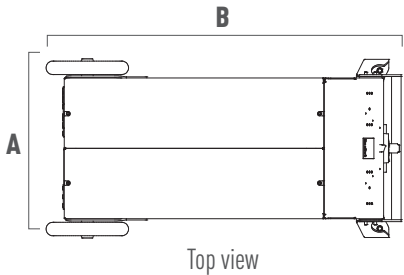
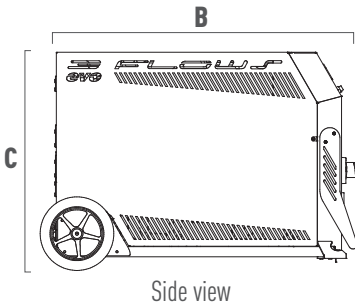
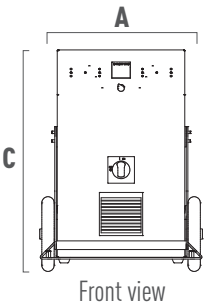
CONTROL

Gefran 650 control system with digital display and COOLDOWN SOFTWARE (automatic cooling cycle when the pump switches off).



STARTY
MAXY
3FLOWSevo
3FLEX
ET
ROSSOBLU
ICETEMP

3FLOWSevo-A				603	606	619	612	1206	1209	1212	1218	1224	
HEATING SECTION	Potenza di riscaldamento	Heating capacity	kW		3	6	9	12	6	9	12	18	24
	Tipo	Type	-		Elettrico - Electric								
COOLING SECTION	Potenza di raffreddamento ⁽⁵⁾	Cooling capacity ⁽⁵⁾	kW		18 - 52 - 105 - 157								
			kCal/h		15.000 - 45.000 - 90.000 - 135.000								
	Fluido	Fluid	-		Acqua - Water								
	Campo d'impiego	Temperature range	°C		+20 / +90								
HYDRAULIC SECTION	Pompa	Pump	kW		0,55				0,75				
			lt/min ⁽⁴⁾		50				90				
			Bar		2,5								
	Vaso di accumulo	Storage tank	lt		12, open type								
	Conessioni idrauliche	Hydraulic connections	ø P IN/OUT ⁽¹⁾		3/4"								
			ø R ⁽²⁾		3/4"								
ELECTRIC SECTION	Potenza totale installata	Total installed power	kW		3,5	6,5	9,5	12,5	6,8	9,8	12,8	18,8	24,8
	Tensione	Voltage	V/Ph/Hz		400/3/50								
	Ausiliari	Auxiliaries	V		110								
SIZES & WEIGHT	Ingombri	Sizes	mm	A	400								
				B	790								
				C	550								
	Peso netto	Net weight	kg		80								

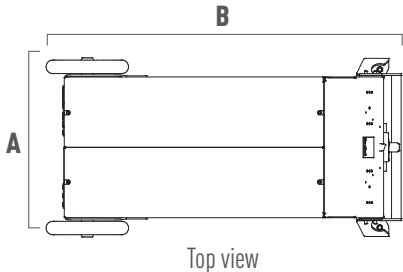
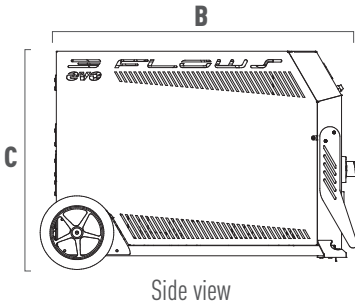
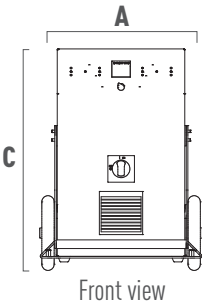


1. Processo
2. Raffreddamento
3. Scarico
4. Valore a centro curva
5. Optional

1. Process
2. Cooling
3. Discharge
4. Centre of curve value
5. Optional



3FLOWSevo-P				603	606	619	612	1206	1209	1212	1218	1224	
HEATING SECTION	Potenza di riscaldamento	Heating capacity	kW		3	6	9	12	6	9	12	18	24
	Tipo	Type	-		Elettrico - Electric								
COOLING SECTION	Potenza di raffreddamento ⁽⁵⁾	Cooling capacity ⁽⁵⁾	kW		18 - 52 - 105 - 157								
			kCal/h		15.000 - 45.000 - 90.000 - 135.000								
	Fluido	Fluid	-		Acqua - Water								
	Campo d'impiego	Temperature range	°C		+20 / +140								
HYDRAULIC SECTION	Pompa	Pump	kW		0,55				0,75				
			lt/min ⁽⁴⁾		50				90				
			Bar		2,5								
	Vaso di accumulo	Storage tank	lt		5, closed type								
	Conessioni idrauliche	Hydraulic connections	ø P IN/OUT ⁽¹⁾		3/4"								
			ø R ⁽²⁾		3/4"								
ELECTRIC SECTION	Potenza totale installata	Total installed power	kW		3,5	6,5	9,5	12,5	6,8	9,8	12,8	18,8	24,8
	Tensione	Voltage	V/Ph/Hz		400/3/50								
	Ausiliari	Auxiliaries	V		110								
SIZES & WEIGHT	Ingombri	Sizes	mm	A	400								
				B	790								
				C	550								
	Peso netto	Net weight	kg		80								



1. Processo
2. Raffreddamento
3. Scarico
4. Valore a centro curva
5. Optional

1. Process
2. Cooling
3. Discharge
4. Centre of curve value
5. Optional

3FLOWSevo-0					603	
HEATING SECTION	Potenza di riscaldamento	Heating capacity	kW		3	
	Tipo	Type	-		Elettrico - Electric	
	Controllo	Control	-		PID Contattore - PID Contactor	
COOLING SECTION	Potenza di raffreddamento ⁽⁵⁾	Cooling capacity ⁽⁵⁾	kW		18 - 157	
			kCal/h		15.000 - 135.000	
	Fluido	Fluid	-		Olio - Oil	
	Campo d'impiego	Temperature range	°C		÷30/÷200	
	Controllo	Control	-		PID valvola a 3 vie PID 3 way valve	
HYDRAULIC SECTION	Pompa	Pump	kW		0,55	
			lt/min ⁽⁴⁾		50	
			Bar		2,5	
	Vaso di accumulo	Storage tank	lt		12	
	Attacchi idraulici	Hydraulic connections	ø P IN/OUT ⁽¹⁾		3/4"	
			ø R ⁽²⁾		3/4"	
			ø S ⁽³⁾		1/2"	
GENERAL DATA	Precisione temperatura	Temperature accuracy	°C		+/- 1°C	
ELECTRIC SECTION	Potenza totale installata	Total installed power	kW		3,5	
	Tensione	Voltage	V/Ph/Hz		400/3/50	
	Ausiliari	Auxiliaries	V		110	
SIZES & WEIGHT	Ingombri	Sizes	mm	A	400	
				B	800	
				C	850	
	Peso netto	Net weight	kg		110	

1. Processo

2. Raffreddamento

3. Scarico

4. Valore a centro curva

5. Optional

1. Process

2. Cooling

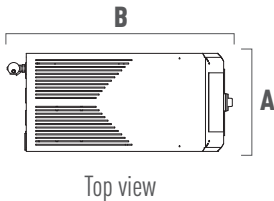
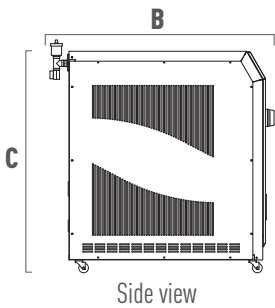
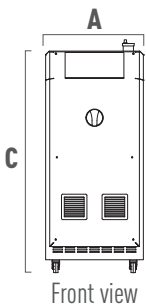
3. Discharge

4. Centre of curve value

5. Optional



1209	1212	1218	1224
6	6	6 + 3	6 + 6
Elettrico - Electric			
PID Contattore - PID Contactor			
18 - 157			
15.000 - 135.000			
Olio - Oil			
÷ 30 / ÷ 200			
PID valvola a 3 vie / PID 3 way valve			
0,75			
90			
2,5			
12			
3/4"			
3/4"			
1/2"			
+/- 1°C			
6,5	6,8	9,8	12,8
400/3/50			
110			
400			
800			
850			
110			



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