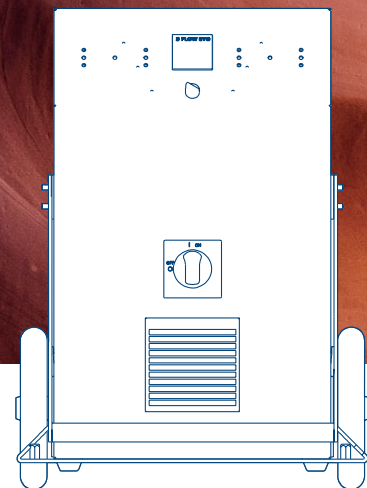




TEMPERATURE CONTROL UNITS

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}

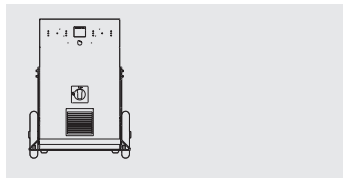


3FLOWSevo-0[™]
Oil up to 200°C

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.

STRUCTURE

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



RESISTENZA

A flusso forzato con scarico aria integrato.

HEATER

Forced flow heater with integrated air breather.

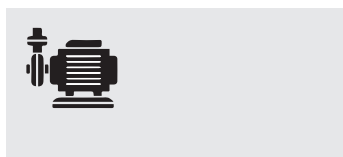


SCAMBIATORE

A piastre (optional).

HEAT EXCHANGER

Plate-type (optional).

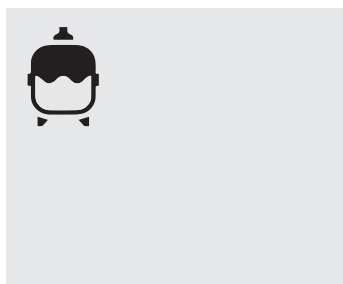


POMPA

Pompa centrifuga a bassa rumorosità.

PUMP

Low noise, centrifugal pump.

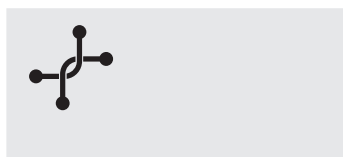


VASO ESPANSIONE

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.

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

By-pass idraulico interno di sicurezza.

BY-PASS

Internal, hydraulic safety by-pass.

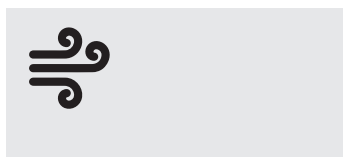


TUBAZIONI

Realizzate in multistrato plastico.

PIPES

Multilayer, plastic pipes.

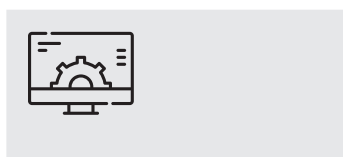


SCARICO ARIA

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

ARIA BREATHER

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



CONTROLLO

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

CONTROL

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

TEMPERATURE CONTROL UNITS



STARTY

MAXY

3FLOWSevo

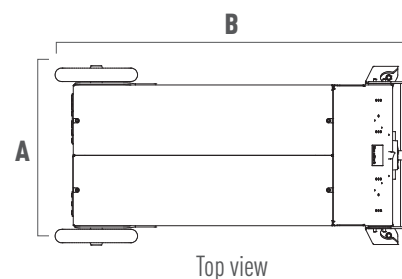
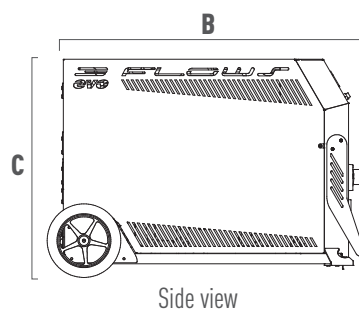
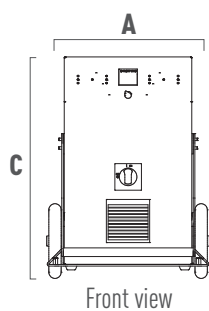
3FLEX

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

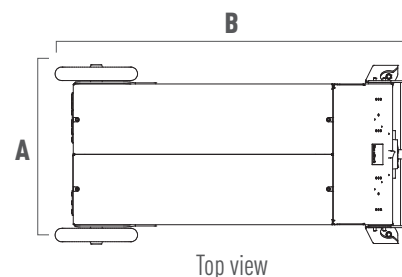
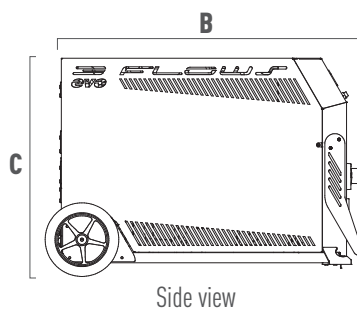
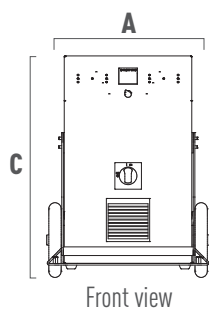
2. Cooling

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	-										
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	-										
	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	∅ P IN/OUT ⁽¹⁾	3/4"	
			∅ R ⁽²⁾	3/4"	
∅ 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

TEMPERATURE CONTROL UNITS



STARTY

MAXY

3FLOWSevo

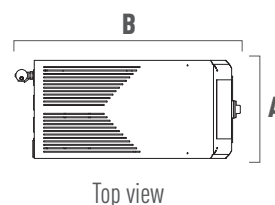
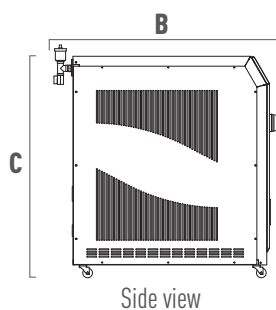
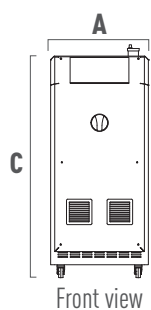
3FLEX

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ROSSOBLU

ICETEMP

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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