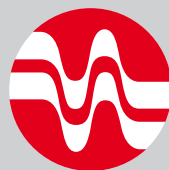


ADVANCED
HEAT TRANSFER
SOLUTIONS

BRAZED PLATE HEAT EXCHANGERS



ONDA

S404
440 kW

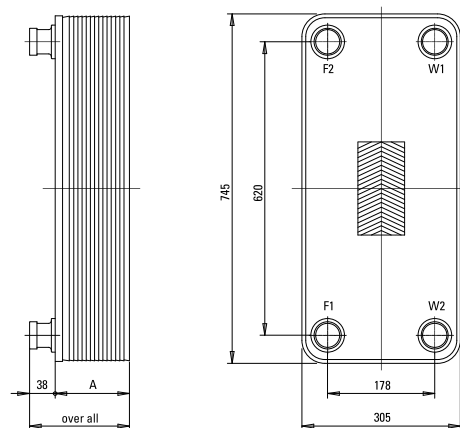
S424
440 kW dual circuit

S606
660 kW



Brazed Plate

VERSIONE NORMALE STANDARD / STANDARD NORMAL VERSION

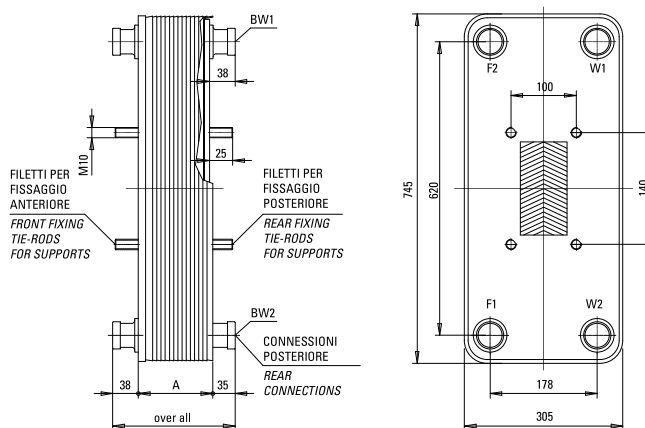


$$A = (N_p \times 2,95) + 12 \text{ (versione/ version S404-S404D)}$$

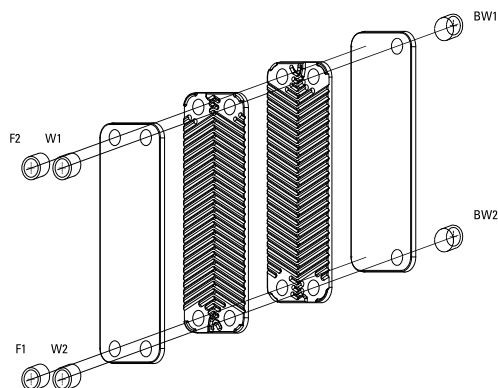
$$A = (N_p \times 2,95) + 28 \text{ (versione/version S404H-S404DH)}$$

ACCESSORI POSSIBILI/OPTIONAL ON REQUEST

DA SPECIFICARE IN FASE D'ORDINE/TO BE SPECIFIED ON ORDER



NB: POSSIBILE ANCHE KIT DI SUPPORTO/ SUPPORT KIT AVAILABLE

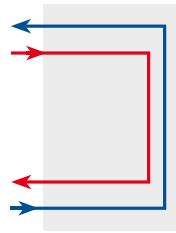


DATI TECNICI - TECHNICAL DATA

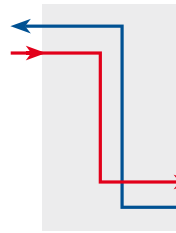
VERSIONE / VERSION			S404 - S404D			
POTENZA “in condizioni standard di lavoro	CAPACITY (nominal conditions)		440 kW			
			Circuito - Circuit			
PRESSIONE MASSIMA LAVORO	MAXIMUM ALLOVABLE WORKING PRESSURE	50°C	F1-F2: 38 bar		W1-W2: 35 bar	
		120°C	F1-F2: 30 bar		W1-W2: 27 bar	
		300°C	F1-F2: 22 bar		W1-W2: 19 bar	
TEMPERATURA MINIMA DI LAVORO	MIN. DESIGN TEMPERATURE		- 100 °C (-148 °F)			
TEMPERATURA MASSIMA DI LAVORO	MAX DESIGN TEMPERATURE		+ 300 °C (+572 °F)			
NUMERO DI PIASTRE “NP”	NUMBER OF PLATES		min.: 20		max: 250	
NUMERO DI CAMERE	NUMBER PER CHAMBER		Circ./Circuit side F1-F2: (NP/2-1)		Circ./Circuit side W1-W2: (NP/2)	
VOLUME PER CAMERA	VOLUME PER CHAMBER		0,56 litri/liters			
PORTATA MASSIMA	TOTAL FLOW RATE		 m³/h			
PESO COMPLESSIVO “P”	TOTAL WEIGHT		P=Np x 0,720 + 30 kg			
CONNESSIONE STANDARD CIRCUITO	STANDARD CONNECTION FOR CIRCUIT	F1:	ODS 54		F2:	ODS 76
		W1:	G 3” Cilindrico/ Cylindrical		W2:	G 2” Cilindrico/ Cylindrical
CONNESSIONI A RICHIESTA “Da specificare in fase d’ordine”	CONNECTION REQUIRED “To be specified on order”	ODS 64	G 2” 1/2		DN 65	2” 1/2 Flexible Joint
					DN 80	3” Flexible Joint

MATERIALI - MATERIALS

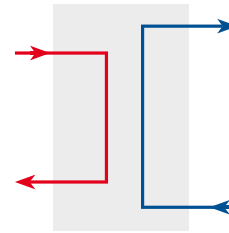
MATERIALE PIASTRA DI SCAMBIO:	PLATE HEAT EXCHANGER MATERIAL:	1.4401 - EN10028/7 "AISI 316L"
MATERIALE CONNESSIONI:	CONNECTIONS MATERIAL:	1.4401 - EN10028/7 "AISI 316L"
MATERIALE BRASANTE:	BRAZING MATERIAL:	RAME PURO / COPPER- Cu -



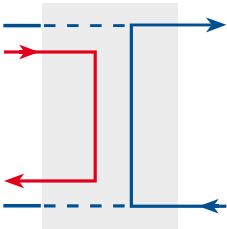
Standard
design model



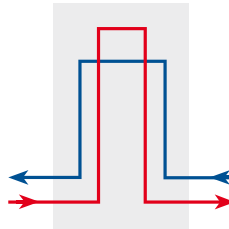
Z circuit
design



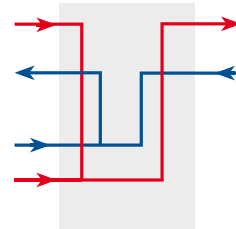
Double-U
design



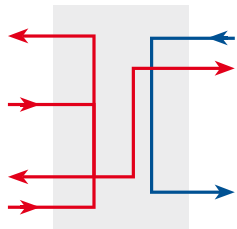
Double-U
Plus F3/F4
design



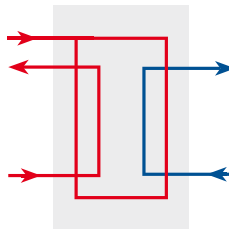
Multi pass
design



Two-Stage
design



Combination
plate heat
exchanger



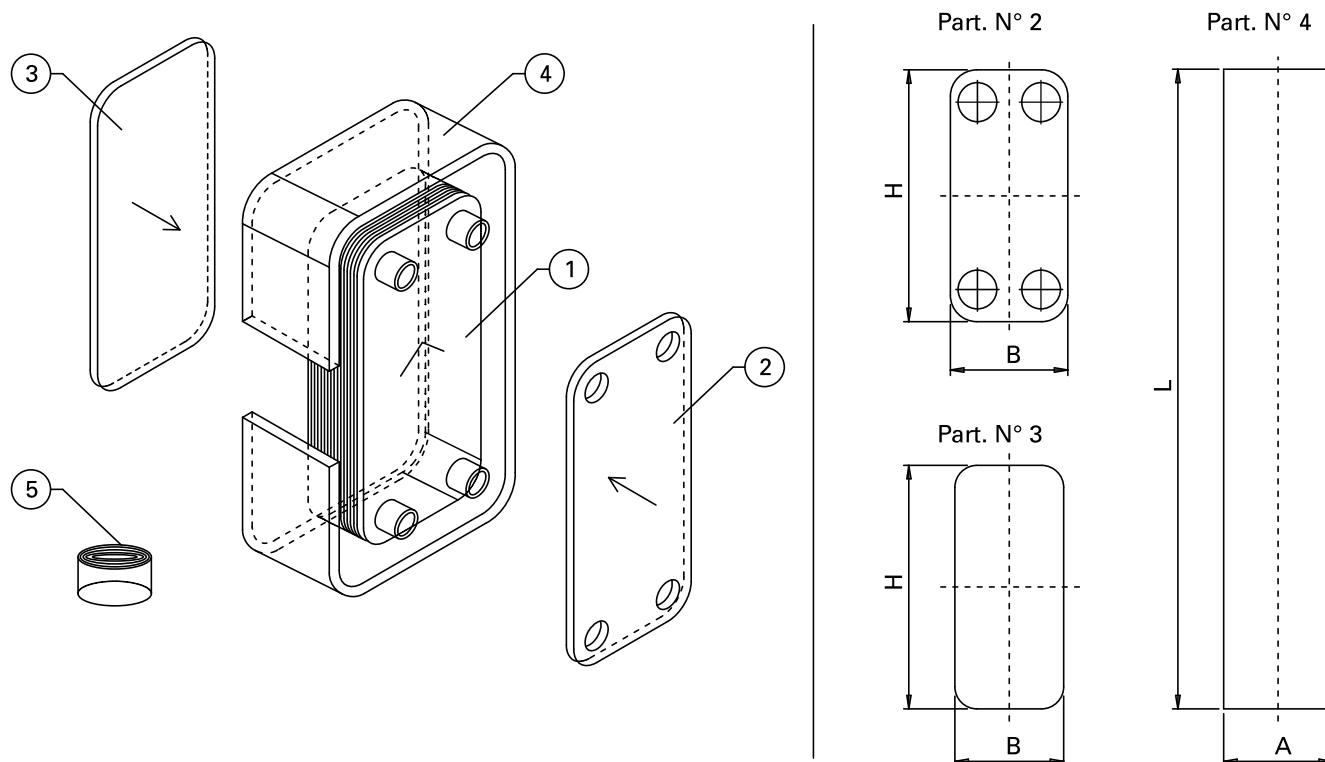
Two-circuit

COMBINAZIONE - TIPOLOGIA ATTACCHI / CONFIGURATION - CONNECTIONS NO.					MONOCIRCUITO / SINGLE CIRCUIT				CODICE / CODE PART	
4 att.									(Vedi pag. 3 / See page 3)	
	F1	F2			W1	W2				AA
	F1	F2					BW1	BW2		AB
	F1	F2			W1			BW2		AC
	F1	F2				W2	BW1			AD
		F2			W1		BW1		BF2	AE
		F2			W1			BW2	BF1	AF
	F1					W2		BW2	BF1	AG
	F1					W2	BW1		BF2	AH
5 att.										
	F1	F2			W1	W2	BW1			BA
	F1	F2			W1	W2		BW2		BB
	F1	F2			W1		BW1	BW2		BC
	F1	F2				W2	BW1	BW2		BD
6 att.										
	F1	F2			W1	W2	BW1	BW2		CA
	F1	F2			W1	W2			BF1	CB
	F1	F2			W1	W2	BW1		BF2	CC
	F1	F2			W1	W2		BW2	BF1	CD
8 att.										
	F1	F2			W1	W2	BW1	BW2	BF1	DA

COMBINAZIONE - TIPOLOGIA ATTACCHI / CONFIGURATION - CONNECTIONS NO.					BICIRCUITO / DOUBLE CIRCUIT				CODICE/ CODE PART	
6 att.									(Vedi pag. 3 / See page 3)	
	F1	F2	G1	G2			BW1	BW2		MA
	F1	F2	G1	G2	W1	W2				MB
7 att.										
	F1	F2	G1	G2	W1		BW1	BW2		NA
	F1	F2	G1	G2		W2	BW1	BW2		NB
	F1	F2	G1	G2	W1	W2	BW1			NC
	F1	F2	G1	G2	W1	W2		BW2		ND
8 att.										
	F1	F2	G1	G2	W1	W2	BW1	BW2		PA

COIBENTAZIONE - ISOLAMENTO

INSULATION



MATERIALE: POLIETILENE RETICOLATO ESPANSO

SPESSORE: 8 mm (a richiesta anche 16 mm)

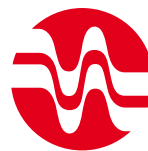
TEMP. LAVORO: da -50°C a +105°C

MATERIAL: EXPANDED RETICULAR POLYETHYLENE FOAM

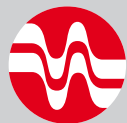
THICKNESS: 8 mm (16 mm on request)

MIN. MAX WORKING TEMPERATURE: from -50°C to +105°C

ISOLAMENTO SCAMBIATORI DI CALORE / INSULATION HEAT EXCHANGER		
1	SCAMBIATORE DI CALORE SALDOBRASATO	BRAZED PLATE HEATING HEAT EXCHANGER
2	RIVESTIMENTO PARTE FRONTALE CON BIADESIVO	FRONT ADHESIVE PANEL
3	RIVESTIMENTO PARTE INFERIORE CON BIADESIVO	REAR ADHESIVE PANEL
4	RIVESTIMENTO PARTE PERIMETRALE CON BIADESIVO	BORDER ADHESIVE PANEL
5	STRISCIA COPRIGIUNTURA (NASTRO DI COPERTURA)	COVER ADHESIVE STRIPE



DIMENSIONI ISOLAMENTO / INSULATION DIMENSIONS						
TIPO SCAMBIATORE HEAT EXCHANGERS TYPE		CODICE COIBENTAZIONE INSULATION CODE	DIMENSIONI / DIMENSIONS (mm)			
MODELLO/ MODEL	N°PIASTRE/PLATES		A	L	B	H
S09	0-20	PI800901	65	790	90	340
	22-40	PI800902	115			
	42-60	PI800903	165			
	62-80	PI800904	215			
S22	0-20	PI802201	65	1050	90	470
	22-40	PI802202	115			
	42-60	PI802203	165			
	62-80	PI802204	215			
S11 - S12	0-20	PI801201	65	800	135	310
	22-40	PI801202	115			
	42-60	PI801203	165			
	62-80	PI801204	215			
S71 - S72	0-20	PI807201	65	1220	135	515
	22-40	PI807202	115			
	42-60	PI807203	165			
	62-80	PI807204	215			
S82	0-20	PI808201	65	1275	135	540
	22-40	PI808202	115			
	42-60	PI808203	165			
	62-80	PI808204	215			
S202	0-20	PI820201	65	1485	255	540
	22-40	PI820202	115			
	42-60	PI820203	165			
	62-80	PI820204	215			
	82-100	PI820205	265			
S222	0-20	PI822201	65	1485	255	540
	22-40	PI822202	115			
	42-60	PI822203	165			
	92-80	PI822204	215			
	82-100	PI822205	265			
S404	0-20	PI840401	75	2035	315	760
	22-40	PI840402	135			
	42-60	PI840403	195			
	62-80	PI840404	255			
	82-100	PI840405	310			
S424	0-20	PI842401	75	2035	315	760
	22-40	PI842402	135			
	42-60	PI842403	195			
	62-80	PI842404	255			
	82-100	PI842405	310			



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Solutions

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