

BPS CLIMA[®]

Versione F - 4T



air treatment
trattamento dell'aria

380-600 mm **Max**
H 200-350 Pa

MANUALE TECNICO: DIMENSIONI & DISEGNI
TECHNICAL MANUAL: DIMENSIONS & DRAWINGS

serie **UTM**

MT-D19-61023010-R00

101% MADE IN ITALY

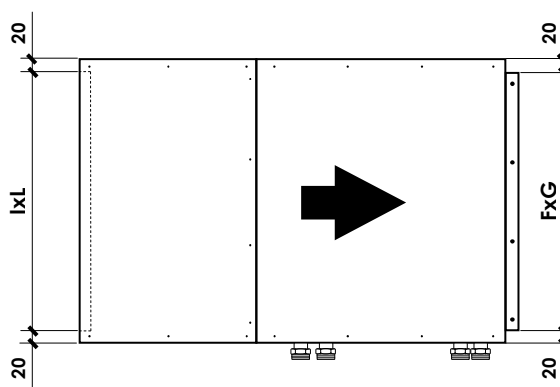
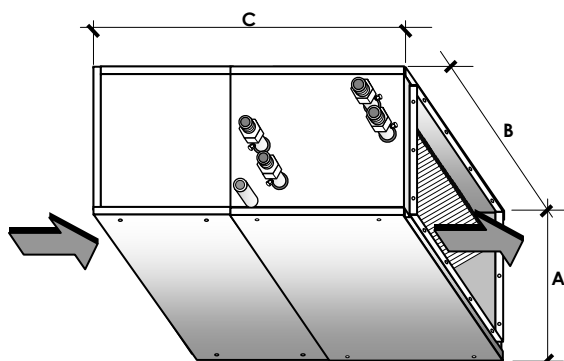
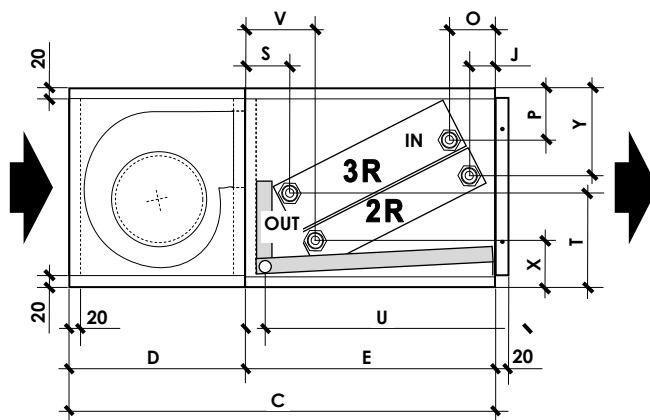
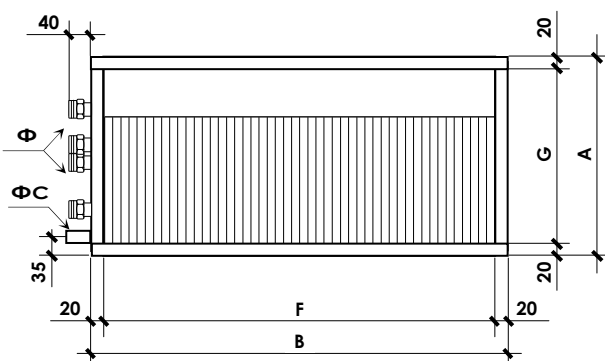


UNITA CANALIZZABILI medie
TERMINAL UNITS medium

UTM ... F1/H1 DX

Versione orizzontale, canalizzabile, in semplice pannello a vista per impianto a 4 tubi – DX = Destra (STANDARD)
Horizontal version, ductable, in single skin panel with cabinet for 4 pipe installation – DX = Right (STANDARD)

2 BATTERIE
COILS
4
Tubi - Pipes

**Dimensioni Generali unità – Unit general dimensions**

Taglia - Size		UTM 1	UTM 2	UTM 3	UTM 4	UTM 5	UTM 6	UTM 12	UTM 13	UTM 14	UTM 15(*)	UTM 16(*)
Dimensioni Dimensions	A mm	380	440	440	480	570	570	440	440	480	600	600
	B mm	520	620	720	720	1.120	1.320	1.120	1.320	1.320	1.620	1.620
	C mm	870	1.020	1.120	1.160	1.150	1.250	1.020	1.120	1.160	1.470	1.470
	D mm	360	420	420	460	550	550	420	420	460	580	580
	E mm	510	600	700	700	600	700	600	700	700	890	890
Bocca mandata aria Air supply outlet	F mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	G mm	340	400	400	440	530	530	400	400	440	560	560
Bocca aspirazione aria Air intake inlet	I mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	L mm	340	400	400	440	530	530	400	400	440	560	560
Scarico condensa Drain pipe	φ C mm	30	30	30	30	30	30	30	30	30	30	30
	U mm	470	560	660	660	560	660	560	660	660	850	850

Connessioni idrauliche – Water coil connections

3R(*) COOL	S mm	82	86	86	87	103	102	87	93	94	93	93
	T mm	174	178	196	191	190	198	190	198	194	238	238
	O mm	73	79	68	81	139	120	79	74	88	140	140
	P mm	96	97	99	97	92	98	102	101	100	116	116
Attacchi – Connections φ(*)	DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/2 M	1"-1/4 M	1"-1/2 M	1"-1/2 M	1"-1/2 M	1"-1/2 M
Peso netto - Net weight	Kg	35,8	46,6	55,7	60,6	93,7	107,8	78,5	94,8	103,5	179,1	181,1
2R HEAT	V mm	114	123	114	122	165	150	124	120	132	146	146
	X mm	106	105	120	117	128	122	111	112	112	127	127
	J mm	46	48	44	52	86	73	47	44	55	94	94
	Y mm	152	157	162	158	145	159	170	172	169	214	214
Attacchi – Connections φ(*)	DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M
Peso netto - Net weight	Kg	34,2	44,6	53,3	58,2	89,7	105,8	74,5	92,8	101,5	160,1	162,1

φ(*) : DN = Diametro nominale ; M = Attacchi idraulici batteria Gas Maschio

Batteria (*) : le Taglie 15 e 16 montano batteria 4R anziché batteria 3R (R= n° di ranghi).

Unità a 4 tubi = unità con 1 batteria per il freddo + 1 batteria per il caldo. Disponibile solo modello con batteria 3R+2R.

DX = Attacchi idraulici a Destra (standard) ; SX = Attacchi idraulici a Sinistra (su richiesta)

φ(*) : DN = Nominal diameter ; M = Male gas water coil connections

Coil (*) : sizes 15 and 16 are provided with 4R coil instead of 3R coil (R=n° of rows of the coil).

4-pipe units = unit with 1 cooling coil + 1 heating coil. Available model with 3R+2R coil only.

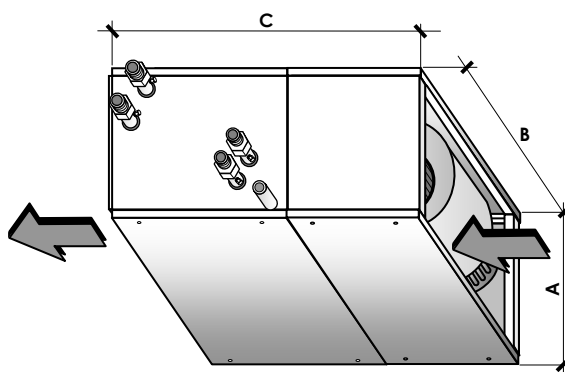
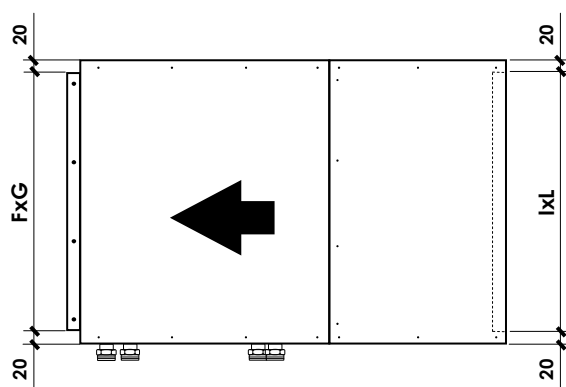
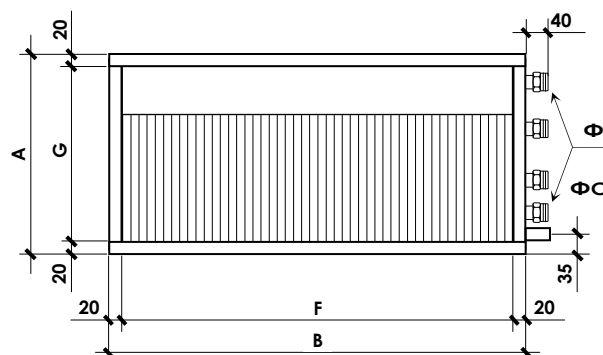
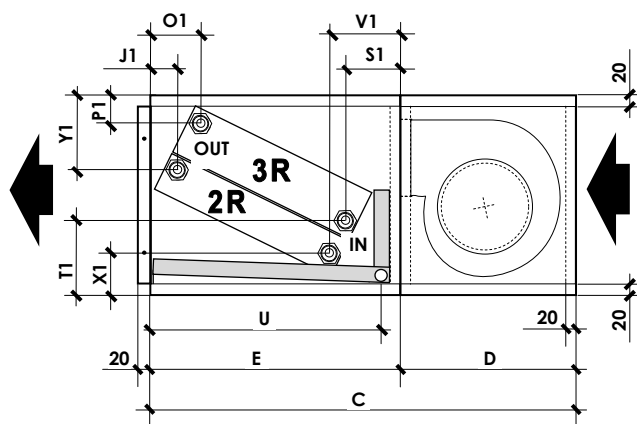
DX = Right water coil connection (standard) ; SX = Left water coil connection (on request)

UTM ... F1/H1 SX

Versione orizzontale, canalizzabile, in semplice pannello a vista per impianto a 4 tubi – SX = Sinistra (Su richiesta)
Horizontal version, ductable, in single skin panel with cabinet for 4 pipe installation – SX = Left (On request)

2 BATTERIE
COILS

4
Tubi - Pipes

**Dimensioni Generali unità – Unit general dimensions**

Taglia - Size		UTM 1	UTM 2	UTM 3	UTM 4	UTM 5	UTM 6	UTM 12	UTM 13	UTM 14	UTM 15(*)	UTM 16(*)
Dimensioni Dimensions	A mm	380	440	440	480	570	570	440	440	480	600	600
	B mm	520	620	720	720	1.120	1.320	1.120	1.320	1.320	1.620	1.620
	C mm	870	1.020	1.120	1.160	1.150	1.250	1.020	1.120	1.160	1.470	1.470
	D mm	360	420	420	460	550	550	420	420	460	580	580
	E mm	510	600	700	700	600	700	600	700	700	890	890
Bocca mandata aria Air supply outlet	F mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	G mm	340	400	400	440	530	530	400	400	440	560	560
Bocca aspirazione aria Air intake inlet	I mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	L mm	340	400	400	440	530	530	400	400	440	560	560
Scarico condensa Drain pipe	φ C mm	30	30	30	30	30	30	30	30	30	30	30
	U mm	470	560	660	660	560	660	560	660	660	850	850

Connessioni idrauliche – Water coil connections

3R(*) COOL	S1 mm	103	109	103	109	139	130	108	110	115	115	115
	T1 mm	128	133	149	145	155	157	145	151	148	189	189
	O1 mm	94	101	85	102	174	149	100	91	109	164	164
	P1 mm	50	52	52	51	57	57	57	54	54	65	65
Attacchi – Connections	φ (*) DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/2 M	1"-1/4 M	1"-1/2 M	1"-1/2 M	1"-1/2 M	1"-1/2 M
Peso netto - Net weight	Kg	35,8	46,6	55,7	60,6	93,7	107,8	78,5	94,8	103,5	179,1	181,1
2R HEAT	V1 mm	129	140	127	137	192	172	140	133	147	163	163
	X1 mm	72	72	85	84	102	92	77	78	79	87	87
	J1 mm	62	65	57	68	112	94	63	57	71	109	109
	Y1 mm	118	124	128	125	119	129	137	137	136	181	181
Attacchi – Connections	φ (*) DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M	1"-1/4 M
Peso netto - Net weight	Kg	34,2	44,6	53,3	58,2	89,7	105,8	74,5	92,8	101,5	160,1	162,1

φ (*): DN = Diametro nominale ; M = Attacchi idraulici batteria Gas Maschio

Batteria (*): le Taglie 15 e 16 montano batteria 4R anziché batteria 3R (R= n° di ranghi).

Unità a 4 tubi = unità con 1 batteria per il freddo + 1 batteria per il caldo. Disponibile solo modello con batteria 3R+2R.

DX = Attacchi idraulici a Destra (standard) ; SX = Attacchi idraulici a Sinistra (su richiesta)

φ (*): DN = Nominal diameter ; M = Male gas water coil connections

Coil (*): sizes 15 and 16 are provided with 4R coil instead of 3R coil (R=n° of rows of the coil).

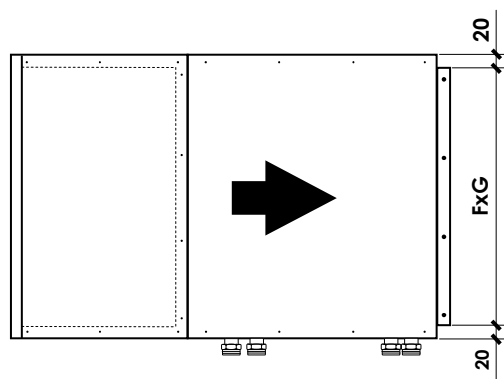
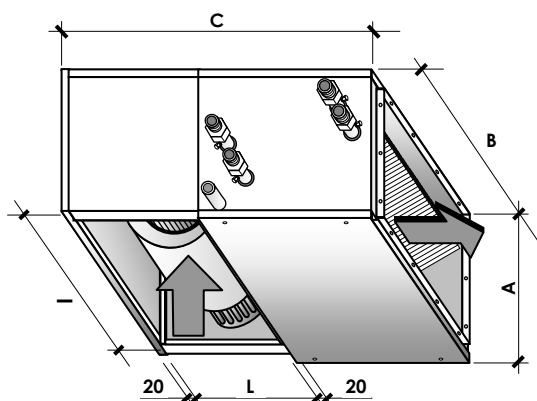
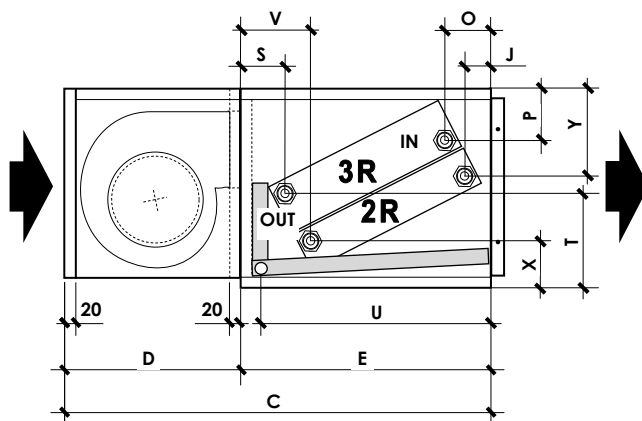
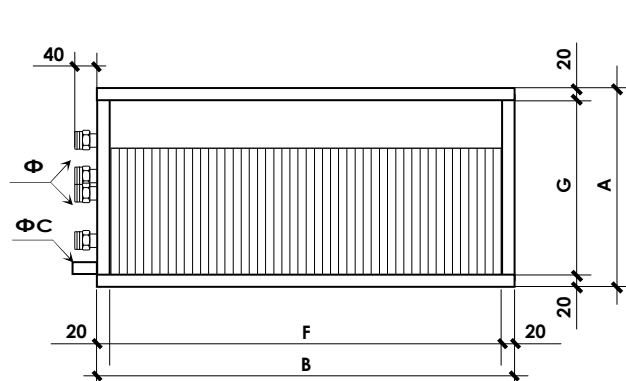
4-pipe units = unit with 1 cooling coil + 1 heating coil. Available model with 3R+2R coil only.

DX = Right water coil connection (standard) ; SX = Left water coil connection (on request)

UTM ... F2/H2 DX

Versione orizzontale, Aspirazione aria frontale, in semplice pannello a vista per impianto a 4 tubi – DX = Destra (STANDARD)
Horizontal version, Frontal air intake, in single skin panel with cabinet for 4 pipe installation – DX = Right (STANDARD)

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Taglia - Size		UTM 1	UTM 2	UTM 3	UTM 4	UTM 5	UTM 6	UTM 12	UTM 13	UTM 14	UTM 15(*)	UTM 16(*)
Dimensioni Dimensions	A mm	380	440	440	480	570	570	440	440	480	600	600
	B mm	520	620	720	720	1.120	1.320	1.120	1.320	1.320	1.620	1.620
	C mm	890	1.040	1.140	1.180	1.170	1.270	1.040	1.140	1.180	1.490	1.490
	D mm	380	440	440	480	570	570	440	440	480	600	600
	E mm	510	600	700	700	600	700	600	700	700	890	890
Bocca mandata aria Air supply outlet	F mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	G mm	340	400	400	440	530	530	400	400	440	560	560
Bocca aspirazione aria Air intake inlet	I mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	L mm	340	400	400	440	530	530	400	400	440	560	560
Scarico condensa Drain pipe	φ C mm	30	30	30	30	30	30	30	30	30	30	30
	U mm	470	560	660	660	560	660	560	660	660	850	850

Connessioni idrauliche – Water coil connections

3R(*) COOL	S mm	82	86	86	87	103	102	87	93	94	93	93
	T mm	174	178	196	191	190	198	190	198	194	238	238
	O mm	73	79	68	81	139	120	79	74	88	140	140
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Attacchi – Connections φ (*)	DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/2 M	1"-1/4 M	1"-1/2 M	1"-1/2 M	1"-1/2 M	1"-1/4 M
Peso netto - Net weight	Kg	35,8	46,6	55,7	60,6	93,7	107,8	78,5	94,8	103,5	179,1	181,1
2R HEAT	V mm	114	123	114	122	165	150	124	120	132	145	145
	X mm	106	105	120	117	128	122	111	112	112	127	127
	J mm	46	48	44	52	86	73	47	44	55	94	94
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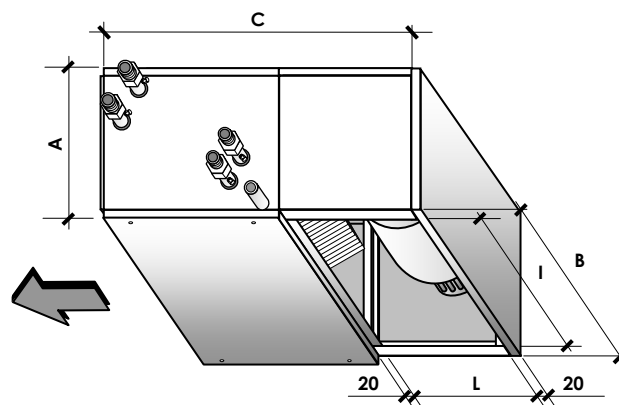
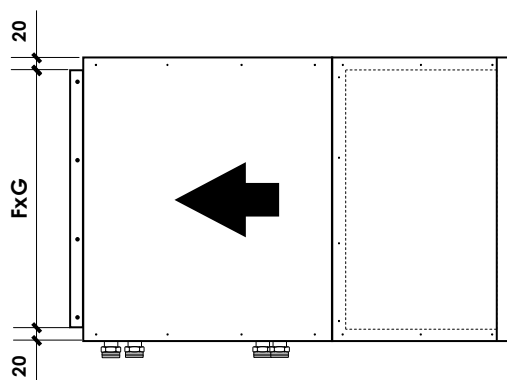
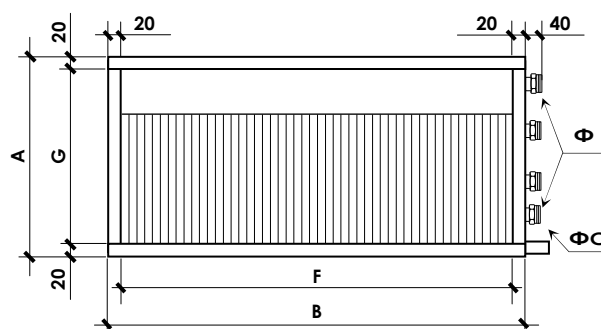
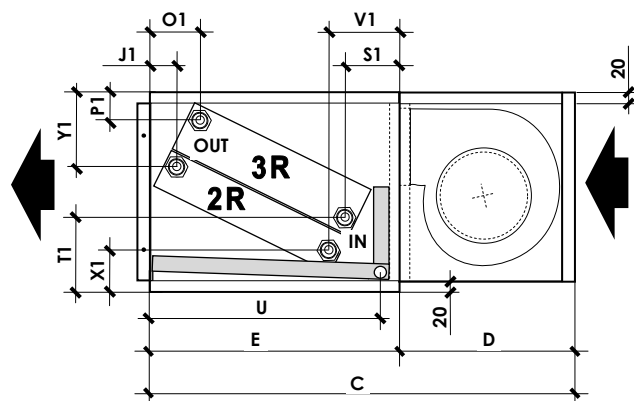
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UTM ... F2/H2 SX

Versione orizzontale, Aspirazione aria frontale, in semplice pannello a vista per impianto a 4 tubi – SX = Sinistra
Horizontal version, Frontal air intake, in single skin panel with cabinet for 4 pipe installation – SX = Left

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	D mm	380	440	440	480	570	570	440	440	480	600	600
	E mm	510	600	700	700	600	700	600	700	700	890	890
Bocca mandata aria Air supply outlet	F mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	G mm	340	400	400	440	530	530	400	400	440	560	560
Bocca aspirazione aria Air intake inlet	I mm	480	580	680	680	1.080	1.280	1.080	1.280	1.280	1.580	1.580
	L mm	340	400	400	440	530	530	400	400	440	560	560
Scarico condensa Drain pipe	φ C mm	30	30	30	30	30	30	30	30	30	30	30
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Connessioni idrauliche – Water coil connections

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Attacchi – Connections φ (*)	DN	3/4" M	1" M	1" M	1" M	1"-1/4 M	1"-1/2 M	1"-1/4 M	1"-1/2 M	1"-1/2 M	1"-1/2 M	1"-1/2 M
Peso netto - Net weight	Kg	35,8	46,6	55,7	60,6	93,7	107,8	78,5	94,8	103,5	179,1	181,1
2R HEAT	V1 mm	129	140	127	137	192	172	140	133	147	163	163
	X1 mm	72	72	85	84	102	92	77	78	79	87	87
	J1 mm	62	65	57	68	112	94	63	57	71	109	109
	Y1 mm	118	124	128	125	119	129	137	137	136	181	181
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DX = Right water coil connection (standard); SX = Left water coil connection (on request)

air treatment
trattamento dell'aria



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