

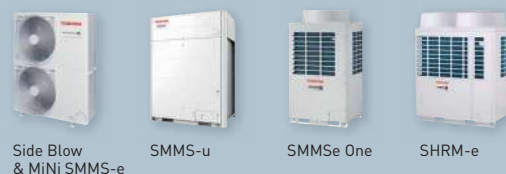


MMD-UP_SPHY CANALIZZABILE RIBASSATA

NEW


Canalizzata per controsoffitti con altezze ridotte, adatta a perdite di carico fino a 50Pa. Ideale per applicazioni a basso impatto visivo come camere d'albergo, residenziale, etc...

COMPATIBILITÀ UNITÀ ESTERNE



COMANDI LOCALI



CAPACITÀ LIVELLO DI PRESSIONE SONORA



0,3 HP < 3 HP



25dB(A)

Caratteristiche

Unità interna	MMD-	UP0031SPHY-E	UP0051SPHY-E	UP0071SPHY-E	UP0091SPHY-E	UP0121SPHY-E	UP0151SPHY-E	UP0181SPHY-E	UP0241SPHY-E	UP0271SPHY-E
Capacità di potenza	HP	0,3	0,6	0,8	1	1,25	1,7	2	2,5	3
Capacità di raffreddamento	kW	0,9	1,7	2,2	2,8	3,6	4,5	5,6	7,1	8
Capacità di riscaldamento	kW	1	1,9	2,5	3,2	4	5	6,3	8	9
Potenza assorbita # / §	kW	0,018 / 0,024	0,02 / 0,026	0,026 / 0,035	0,029 / 0,038	0,031 / 0,043	0,035 / 0,046	0,044 / 0,054	0,067 / 0,086	0,072 / 0,092
Corrente a regime # / §	A	0,34 / 0,37	0,36 / 0,4	0,4 / 0,46	0,42 / 0,48	0,44 / 0,52	0,47 / 0,54	0,53 / 0,6	0,69 / 0,83	0,74 / 0,88
Corrente di spunto # / §	A	0,6 / 0,65	0,62 / 0,69	0,69 / 0,81	0,73 / 0,84	0,77 / 0,9	0,82 / 0,95	0,92 / 1,04	1,21 / 1,45	1,3 / 1,54
Portata Aria**	m³/h	410/390/370/ 360/350	450/430/410/ 390/380	540/500/460/ 430/400	570/530/500/ 450/420	600/550/520/ 470/440	690/660/640/ 590/550	780/760/730/ 690/650	1080/1010/950/ 900/860	1140/1060/980/ 940/910
Portata Aria**	l/s	114/108/103/ 100/97	125/119/114/ 108/106	150/139/128/ 119/111	158/147/139/ 125/117	167/153/144/ 131/122	192/183/178/ 164/153	217/211/203/ 192/181	300/281/264/ 250/239	317/294/272/ 261/253
Livello di pressione sonora, asp.post.# *	dB(A)	25/26/27/28/29	26/27/28/29/30	26/28/29/30/31	26/28/29/31/32	27/29/30/32/33	28/29/30/31/33	29/31/32/33/34	30/32/33/35/36	32/33/34/36/37
Livello di pressione sonora, asp.inf. # *	dB(A)	32/34/35/36/37	34/35/37/38/39	35/38/39/40/41	36/38/40/41/42	37/39/40/42/44	37/38/39/40/42	39/41/42/43/44	41/43/44/46/47	43/44/45/47/48
Livello di potenza sonora # *	dB(A)	42/43/44/45/46	44/45/46/47/49	45/47/49/51/52	46/48/50/52/54	46/48/50/51/54	46/49/50/51/52	51/52/54/55/56	53/55/56/58/60	55/56/58/59/61
Livello di pressione sonora, asp.post.§ *	dB(A)	27/28/29/30/31	28/29/30/31/32	28/30/31/33/33	28/30/31/33/34	29/31/32/34/35	30/31/32/34/35	31/33/34/35/36	33/35/36/38/39	35/36/37/39/40
Livello di pressione sonora, asp.inf.§ *	dB(A)	34/36/37/38/39	36/37/39/40/41	37/40/41/42/43	38/40/42/43/44	39/41/42/44/46	39/40/42/43/45	41/43/44/45/46	44/46/47/49/50	46/47/48/50/51
Livello di potenza sonora § *	dB(A)	47/48/49/50/51	48/49/51/52/53	46/48/49/52/54	49/50/52/54/56	49/51/53/56/57	49/52/53/54/55	52/54/55/56/57	58/59/60/63/64	59/60/61/64/65
Dimensioni [A x L x P]	mm	210x700x450	210x700x450	210x700x450	210x700x450	210x700x450	210x900x450	210x900x450	210x1110x450	210x1110x450
Peso	kg	16	16	16	16	16	18	18	21	21
Filtro standard in dotazione (filtro a lunga durata)		Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì
Prevalenza utile 4 velocità	Pa	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50	10-20-30-40-50
Accoppiamento a cartella		Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì
Gas	Pollici - mm	3/8" - 9.5	3/8" - 9.5	3/8" - 9.5	3/8" - 9.5	3/8" - 9.5	1/2" - 12.7	1/2" - 12.7	5/8" - 15.9	5/8" - 15.9
Liquido	Pollici - mm	1/4" - 6.4	1/4" - 6.4	1/4" - 6.4	1/4" - 6.4	1/4" - 6.4	1/4" - 6.4	1/4" - 6.4	3/8" - 9.5	3/8" - 9.5
Pompa scarico condensa		inclusa	inclusa	inclusa	inclusa	inclusa	inclusa	inclusa	inclusa	inclusa
Prevalenza pompa***	mm	550	550	550	550	550	650	650	750	750
Diametro esterno scarico condensa	mm	32	32	32	32	32	32	32	32	32
Alimentazione ****	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50

* Velocità: B, MB, M, MA, A

** Velocità: A, MA, M, MB, B

Configurazione di fabbrica 10PA

§ Configurazione con prevalenza 30PA fino taglia 18, 40PA da taglia 24.

*** Dal profilo basso della macchina.

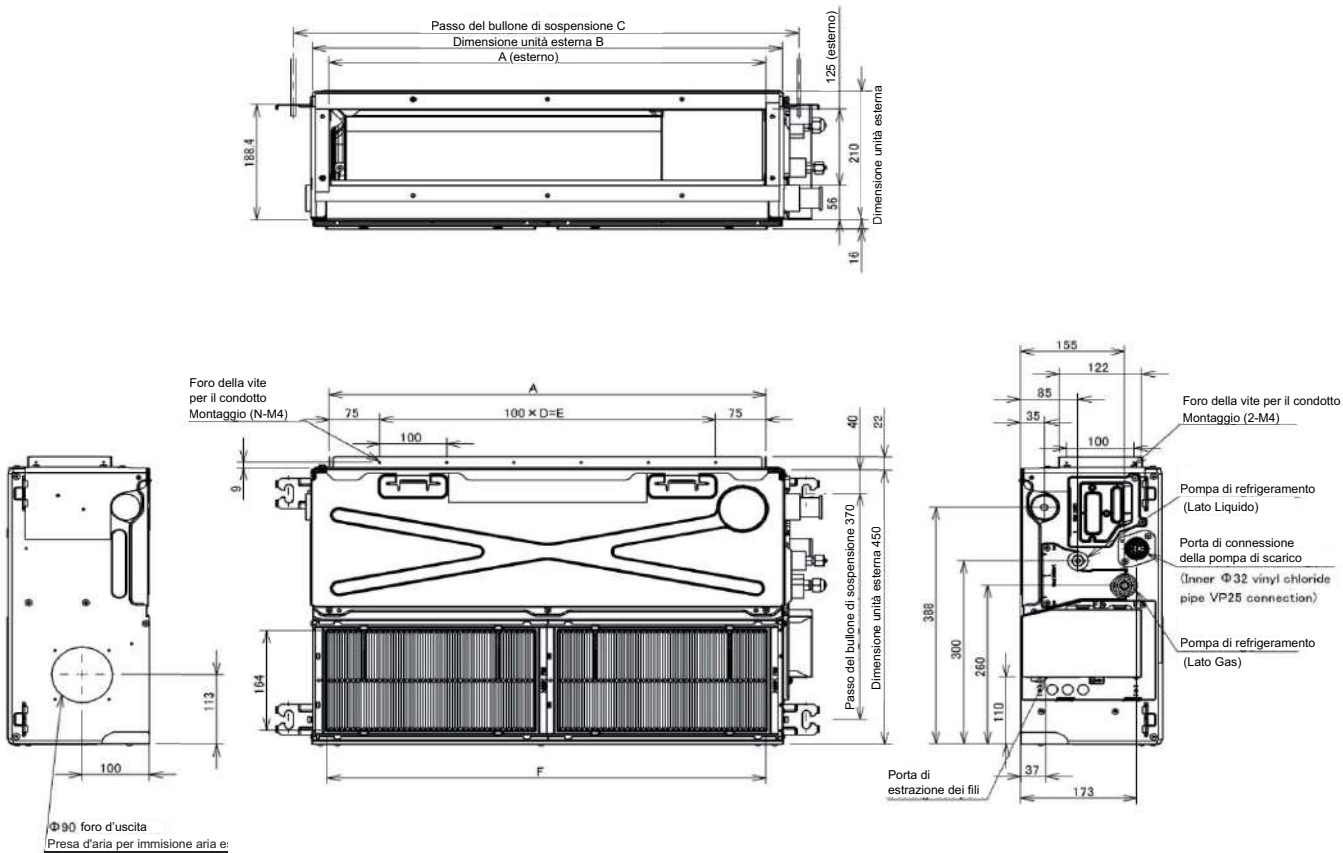
**** anche 208/230-1-60 V-Ph-Hz fare riferimento al DataBook per i dati specifici

Per i limiti geometrici consultare il DataBook (www.toshibaclimate.it)

Dimensionali

Unità di misura: mm

Da MMD-UP0031SPHY-E a MMD-UP0271SPHY-E

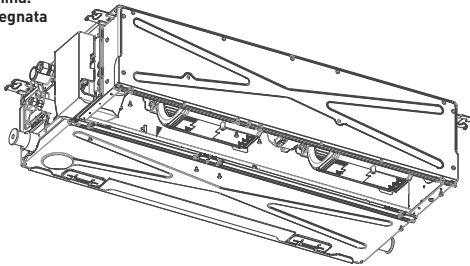


MMD-UP***1SPHY-E	003~012	015~018	024~027
A	650	850	1050
B	700	900	1100
C	770	970	1170
D	5	7	9
E	500	700	900
F	655	855	1055
G	6.4	9.5	9.5
H	9.5	12.7	15.9

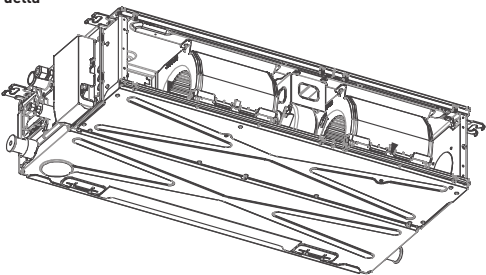
Flessibilità di installazione

Possibilità di cambiare il flusso di ripresa dell'aria dal lato inferiore al lato posteriore.

Ripresa dell'aria dalla parte bassa della macchina.
(Come viene consegnata la macchina)



Ripresa dell'aria dalla parte posteriore della macchina

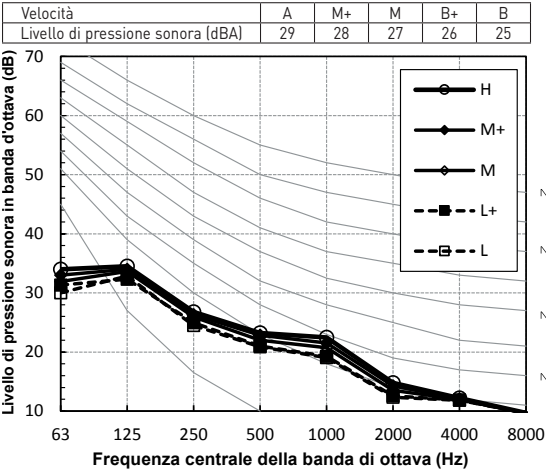




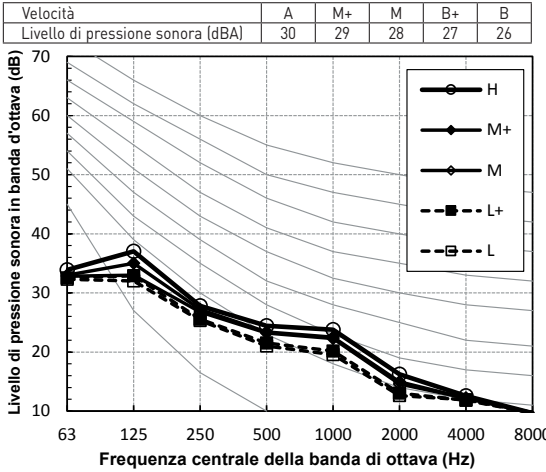
Livelli di pressione sonora

Unità di misura: dB(A)

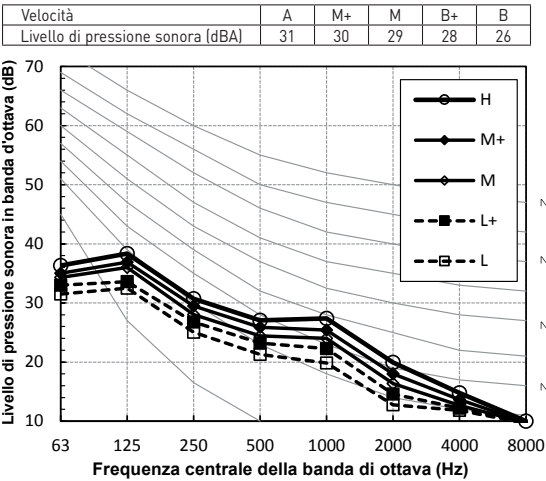
MMD-UP0031SPHY-E



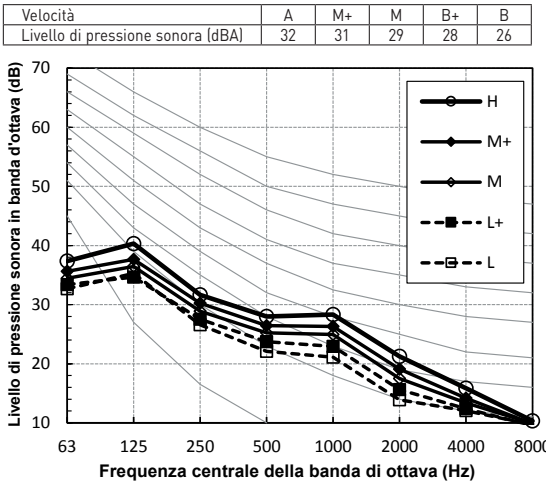
UP0051SPHY-E



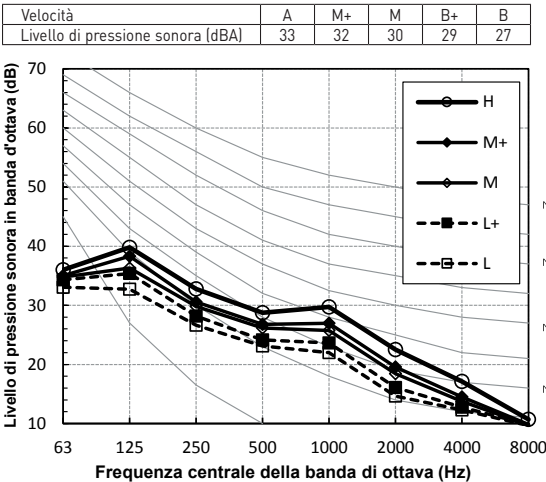
UP0071SPHY-E



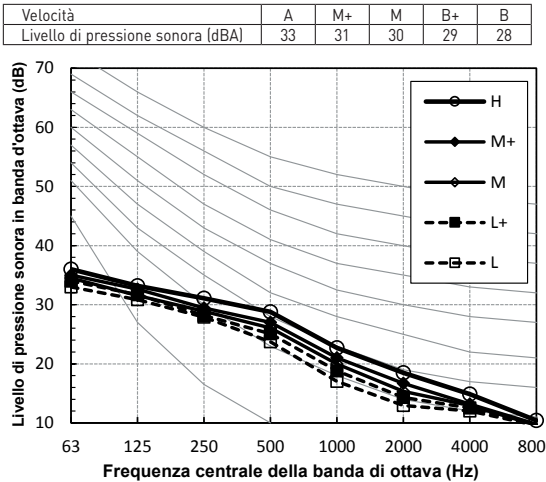
UP0091SPHY-E



UP0121SPHY-E



UP0151SPHY-E

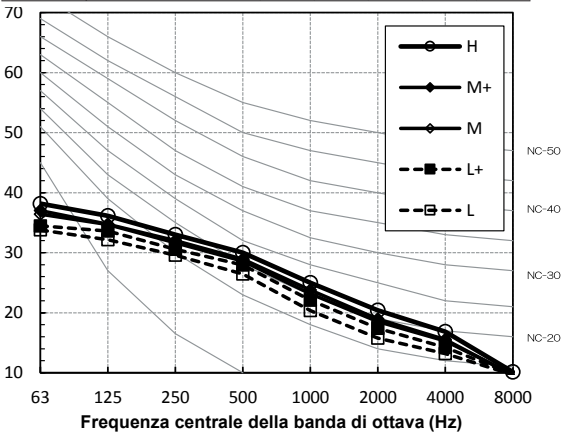


Livelli di pressione sonora

Unità di misura: dB(A)

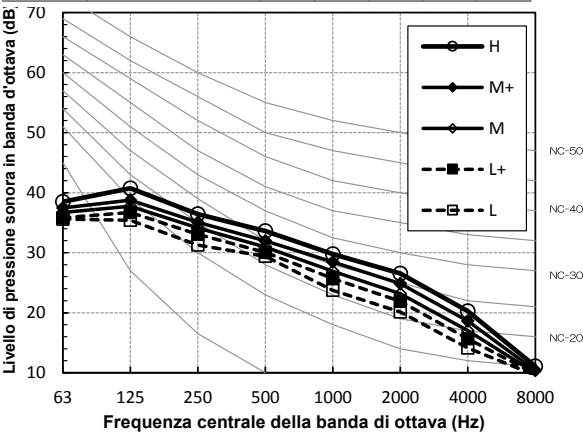
UP0181SPHY-E

Velocità	A	M+	M	B+	B
Livello di pressione sonora (dBA)	34	33	32	31	29



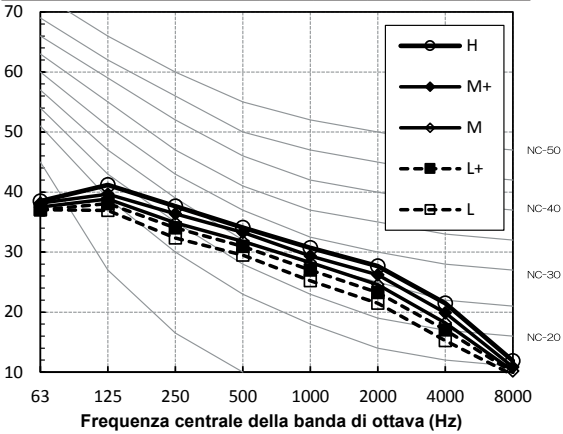
UP0241SPHY-E

Velocità	A	M+	M	B+	B
Livello di pressione sonora (dBA)	36	35	33	32	30



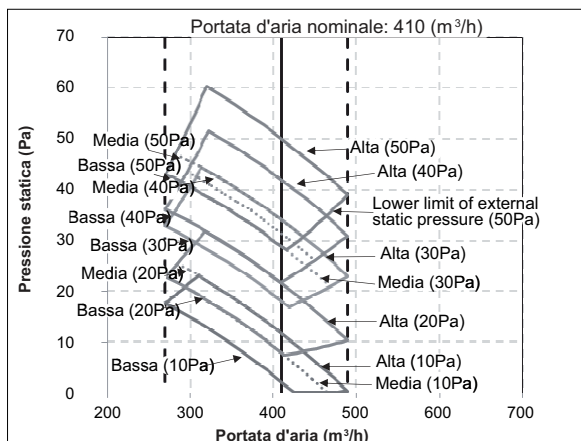
UP0271SPHY-E

Velocità	A	M+	M	B+	B
Livello di pressione sonora (dBA)	37	36	34	33	32

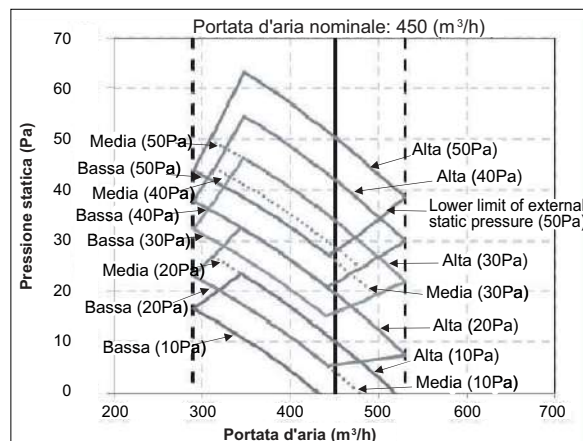


Caratteristiche del ventilatore

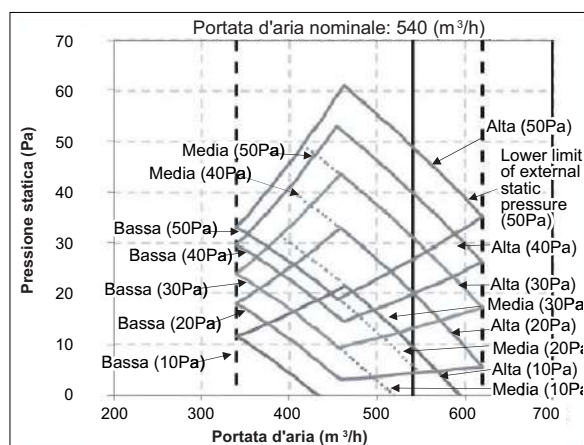
MMD-UP0031SPHY-E



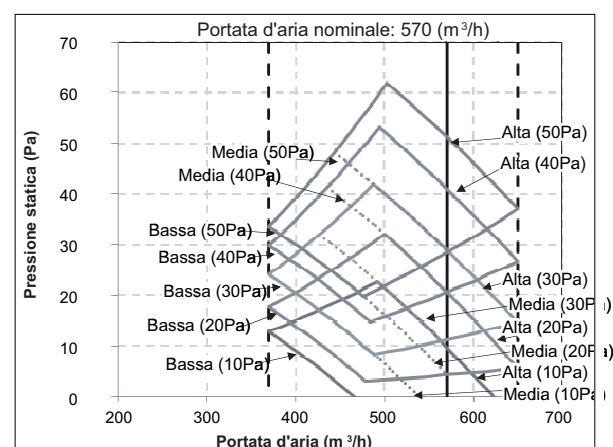
MMD-UP0051SPHY-E



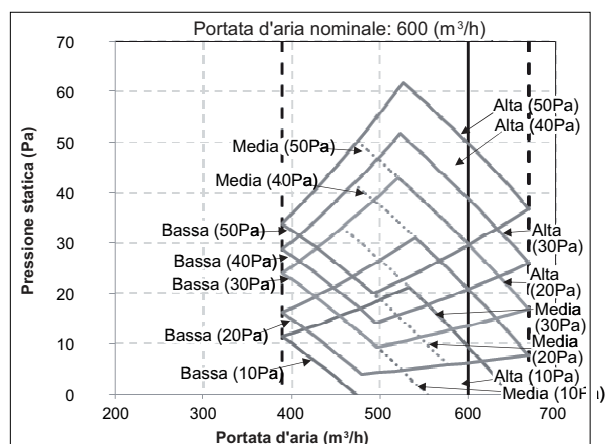
MMD-UP0071SPHY-E



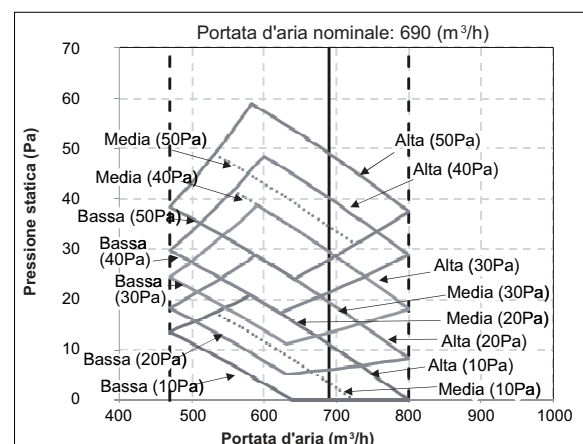
MMD-UP0091SPHY-E



MMD-UP0121SPHY-E

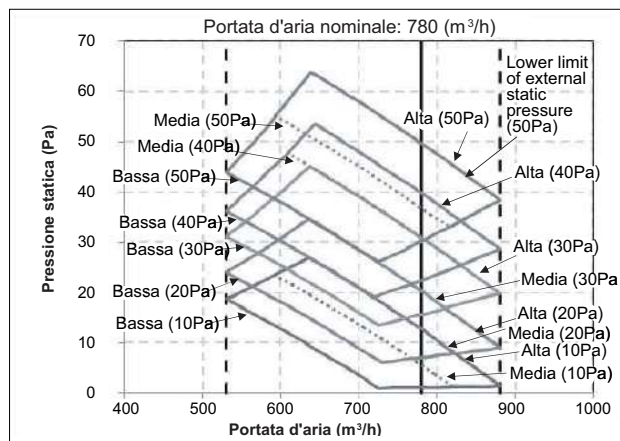


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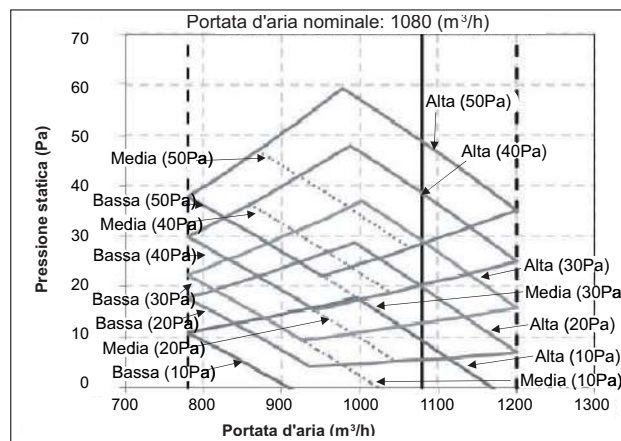


Caratteristiche del ventilatore

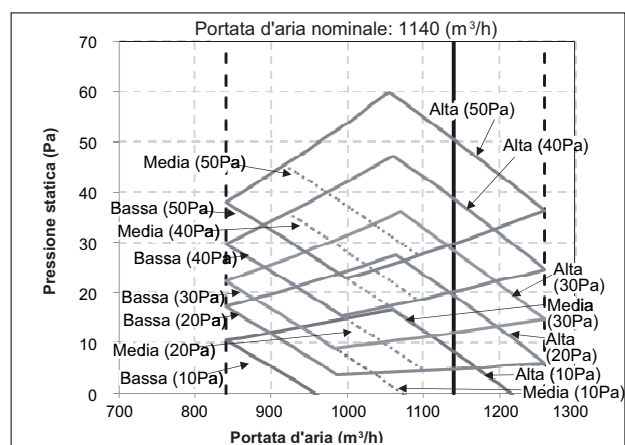
MMD-UP0181SPHY-E



MMD-UP0241SPHY-E



MMD-UP0271SPHY-E



CN60	CN61	CN80
Uscita segnale stato di funzionamento (raffrescamento, riscaldamento, ventilatore, sbrinamento, funzione thermo ON)	ON/OFF esterno, uscita modalità operativa e uscita allarme	Thermo OFF e stop forzato unità interna in base all'ingresso di segnale
Necessaria scheda TCB-PCUC2E	•	Necessaria scheda TCB-PCUC2E