BUPE

- Non-insulated fan boxes
- IP44

Fan box type BUPE

Direct driven centrifugal fan box with acoustic insulation. The range consists of 6 sizes and 9 types and covers an air flow range from 900 up to 9600 m³/h.

Application

- **BUPE** fans are used for air supply or exhaust of offices, restaurants or shops

Composition

- **BUPE** fan casings are manufactured from fabricated galvanized sheet steel and internally lined with high grade acoustic insulation material
- The **BUPE** casing design enables the fan to be accessed from both side panels.
- A wiring entry grommet is provided on the duct outlet panel to facilitate wiring and installation

Fan

- Low pressure centrifugal fan with forward curved impeller manufactured from pressed and formed galvanised sheet steel
- All impellers are factory fitted to the motors and dynamically balanced to minimise vibration

Motor

- Closed motor
- Protection class IP44, insulation class F
- Supply: 230Vac 1ph or 400Vac 3ph
- All models include a Safety Thermal Overload protection device.

NOTE: **BUPE** fans must never be used in free inlet configuration. Measure current at start-up and respect minimal pressure values as indicated in the table.

Options

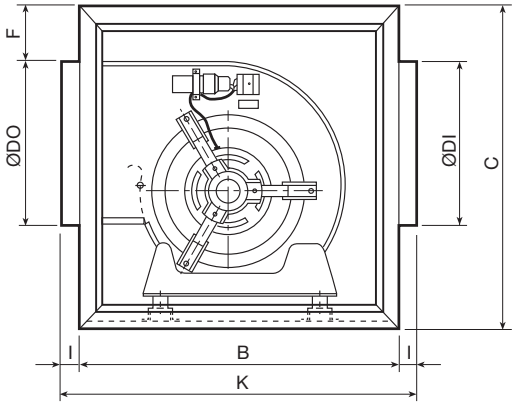
- Fan without casing: type **DA**

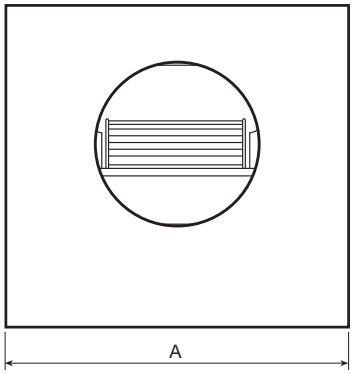
Accessories

- Auto transformer type **BTRN** or **BTRNTK**
- Clamping strip type **BMK**
- Filter box type **FLK-B** (**G4** filter) or **FLF-B** (**F7** filter)
- Silencer type **SAR**
- Duct battery type **CVA**, **CWA**, **CWK**

Order example

BUPE 9-9-24 + BTRN 1-3
BUPE 9-9-24 = fan
BTRN 1-3 = speed controller





Dimensions									
	ØDI [mm]	ØDO [mm]	A [mm]	B [mm]	C [mm]	F [mm]	I [mm]	K [mm]	Kg
BUPE 7/7	250	250	455	455	455	75	35	515	32
BUPE 9/7	355	355	555	515	535	95	35	585	43
BUPE 9/9	355	355	555	515	535	95	35	585	43
BUPE 10/10	400	400	595	565	590	90	35	635	55
BUPE 12/9	450	450	675	620	640	55	35	690	72
BUPE 12/12	450	450	675	620	640	55	35	690	75
BUPE 15/15	560	560	950	775	775	-	35	845	90

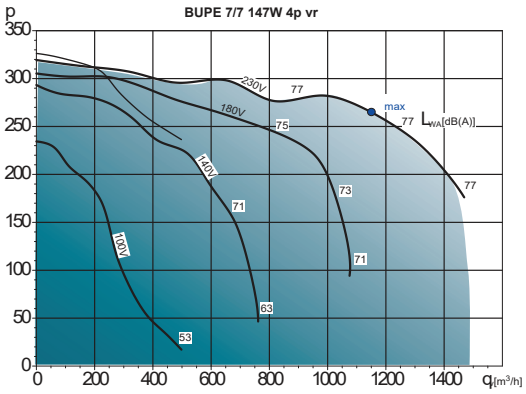
Note

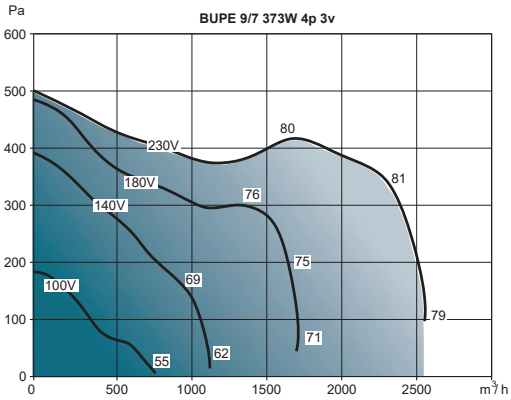
The BUPE fan may never be used with free inlet. There should be a minimal counter-pressure as indicated above. Please measure the current at first starting.

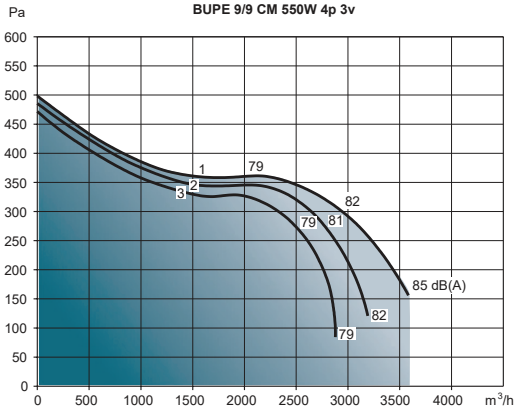
Technical data						
Type	Voltage [V]	Speed [rpm]	Power [W]	Current [A]	Transformer controller	Sound level at 3m [dB(A)] Duct
BUPE 7-7-14	1 x 230	1430	147	1.70	BTRN-1-2	56
BUPE 9-9-24	1 x 230	980	245	2.50	BTRN-1-3	55
BUPE 9-9-37	1 x 230	1430	373	4.10	BTRN-1-5	60
BUPE 10-10-24	1 x 230	980	245	3.20	BTRN-1-5	55
BUPE 10-10-55	1 x 230	1470	550	4.60	BTRN-1-7	64
BUPE 12-9-55	1 x 230	980	550	4.50	BTRN-1-7	60
BUPE 12-12-73	1 x 230	980	736	8	BTRN-1-10	64
BUPE 12-12-11	3 x 230 / 380	980	1100	8 / 4,6	BTRN-4-6 / BTRN-3-10 *	67
BUPE 15-15-22	3 x 230 / 380	980	2200	13 / 7,2	BTRN-4-11 / BTRN-3-13 **	60

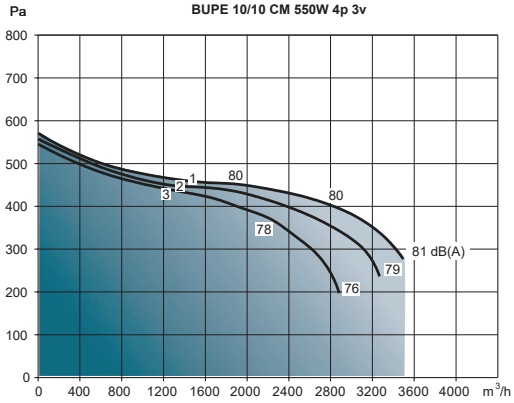
* BTRN-4-6 for 3 x 400V or BTRN-3-10 for 3 x 230V
** BTRN-4-11 for 3 x 400V or BTRN-3-13 for 3 x 230V

Pressure loss graph









Pressure loss graph