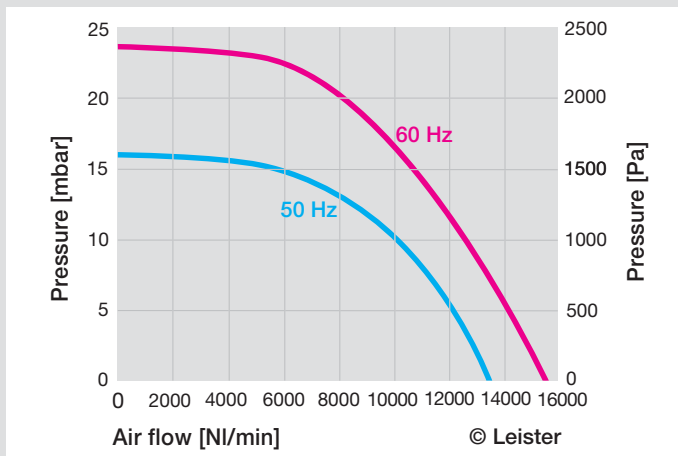


ASO: The air flow giant.

At 50 Hz 13,500 l/min of air is forwarded, at 60 Hz 15,900 l/min. With the appropriate accessories it can supply several Leister air heaters in parallel.

Medium pressure blower

ASO

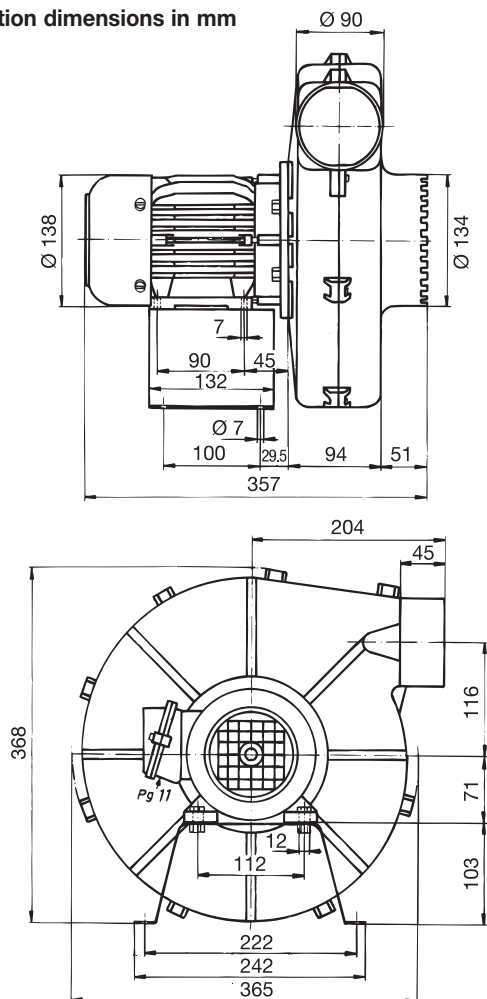


Technical data

Design radial blower

Frequency	Hz	50	60
Air flow (20 °C)	l/min	13500	15900
Static pressure	Pa	1600	2400
Max. ambient temperature	°C	60	60
Noise emission level	LpA (dB)	70	70
Environmental protection (IEC 60529)		IP 54	IP 54
Outside diameter air inlet	mm	Ø 134	Ø 134
Outside diameter air outlet	mm	Ø 90	Ø 90
Weight	kg	15.0	15.0
Mark of conformity		CE	CE
Protection classe I		⊕	⊕

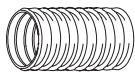



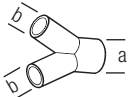
Installation dimensions in mm



Voltage	V~ 50Hz 60Hz	1 × 230	3 × 230 / 400 3 × 440 – 480	3 × 500
Power consumption	W	550	550	550
Without cable	Order no.		103.527	103.532
3 m cable / Euro plug	Order no.	103.530		

Additional versions on request

Accessories Medium pressure blower ASO
(Ø 90 mm)

107.237		PVC air hose Ø 90 mm
107.236		Hose clip for Ø 90 mm air hose
107.239		Stainless steel filter, push-fit on air intake
111.771		Motor capacitor 230 V
107.238		Hose connection adaptor, Push-fit a = 90 mm, b = 60 mm

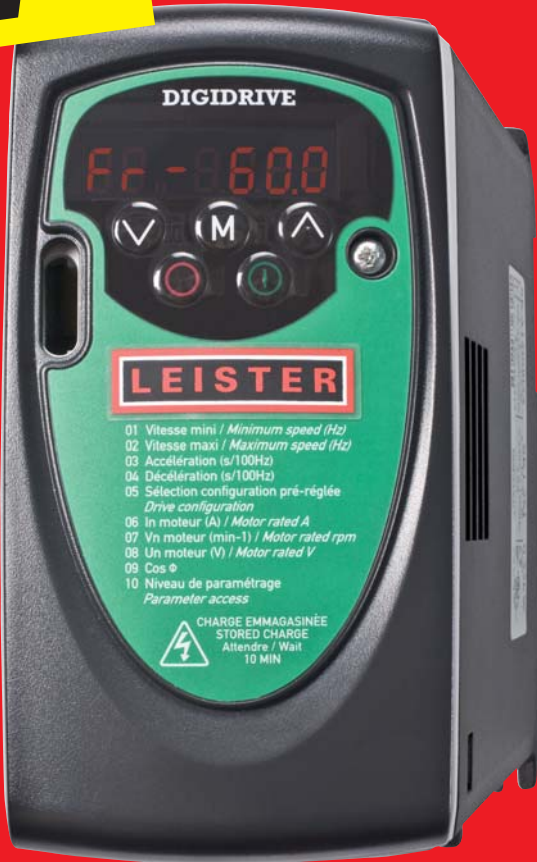
Special nozzles on request

If using non-Leister blowers, compressors and accessories no guarantee can be given by us

LEISTER

PROCESS HEAT

NEW



Frequency converter
for Leister blowers.

More power,
variable air volume,
controllable via
remote control.



SILENCE

ROBUST

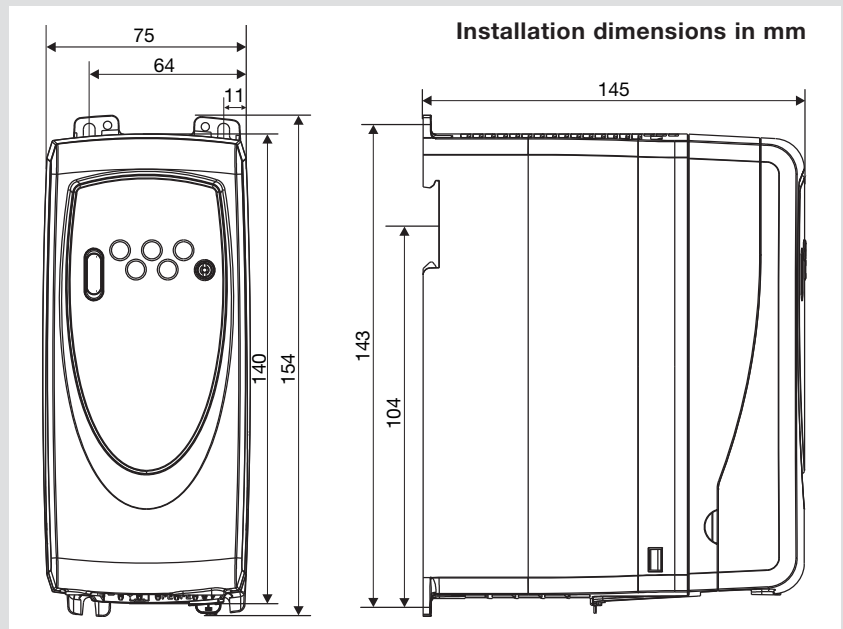
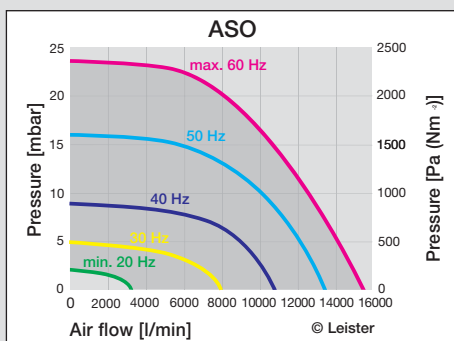
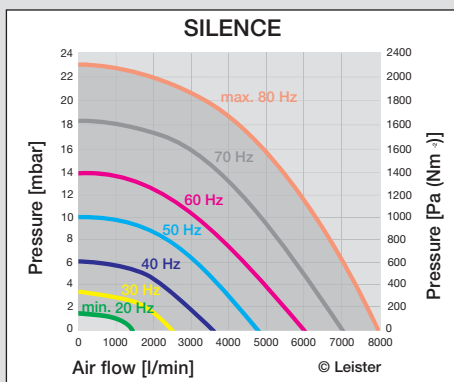
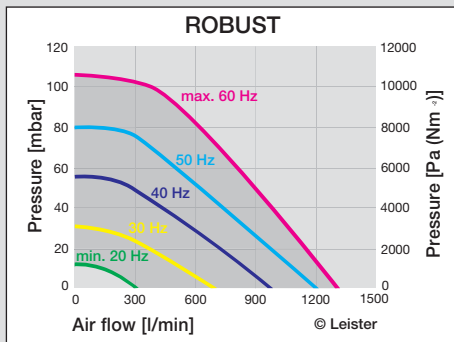


ASO



Benefit of frequency converter with Leister blowers

- Better hot air processes** Because air volume and heating performance can be set independently, precisely and reproducibly from each other.
- Up to 60% higher blower performance** Because the frequency converter lets the blower turn faster than the mains frequency (see diagram below).
- Lower system costs** Smaller and cheaper blowers can be used or fewer blowers will be necessary, because multiple air heaters can be connected to a blower.
- Easy to integrate in the controller** By the remote control interface 4-20mA/0-10V or by fixed set values (up to 4) via clamp contacts.
- Air supply controller** Active braking function enables quick air volume changes, i.e. for timed systems.
- Save energy – heat only when necessary** There are timed processes, where hot air is necessary within a clearly defined time window. For the rest of the time, the air volume can be minimised and the heating performance switched off.
- Simple plug & play installation** The frequency converter is already configured for operation with Leister blowers.
- Secure** Integrated current monitoring and a built-in motor protection switch protect the blower.
- Elimination of the motor condensator** This function is already integrated in the frequency converter.



Technical Data

Input voltage	V~	1 × 200 – 240 VAC
Max. blower rated power	W	550
Frequency	Hz	50 / 60
Typical input current at full load	A	8.1
Output rated power (100%)	A	3.0
Weight	kg	1.0
Mark of conformity	CE U	
Protection class I	⊕	

Article No. 117.359 frequency converter FC 550