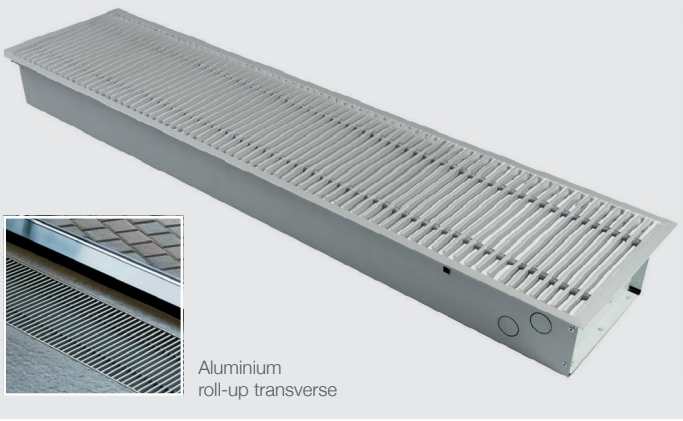
PRICE
ENGINEERED SOLUTIONS Ltd



Aluminium
roll-up transverse

PTHN-300

- Trench Heater (300 mm Wide)
- Low Energy Consumption
- Natural Convection

DESCRIPTION

Designed to provide heating in areas with large glass walls, for either commercial or domestic applications with lengths from 700 mm to 4800 mm.

Fixing:

- floor installation
- adjustable fixing feet
- connects to LTHW systems

WORKING CONDITIONS

Max. temperature	110ºC
Max. overpressure	1 MPa (10 bar)
Protection	IP 20

Ambient conditions: Temp. T = +2 to +40ºC, Humidity Rh = 20 to 70%

NOTES

All dimensions are given in mm.
Extension pieces and valves are available on request.

CONSTRUCTION

Galvanised steel trough with black powder coating interior. Anodised aluminium ledge.

Grilles:
Anodised aluminium, wood, stainless steel.

Options:

- **'J' Ledge** (standard) with a choice of colours
- **'L' Ledge** overlapped flange with a choice of colours

GRILLE MATERIALS

Transverse roll up:

- *Aluminium (no finish, bronze or black)*
- *Stainless Steel*
- *Oak (natural or stained)*
- *Beech (natural or stained)*

Linear-non rolling:

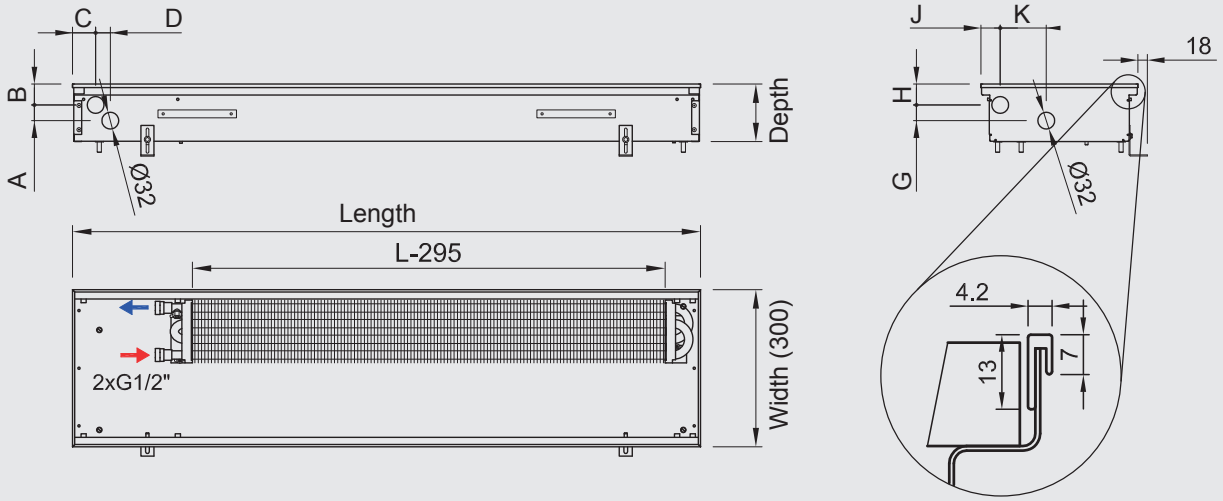
- *Aluminium (none, bronze or black)*

MODELS

PTN-300/80: 80 mm depth (2 pass)
PTN-300/90: 90 mm depth (2 pass)
PTN-300/110: 110 mm depth (4 pass)
PTN-300/125: 125 mm depth (4 pass)
PTN-300/140: 140 mm depth (4 pass)
PTN-300/165: 165 mm depth (6 pass)
PTN-300/200: 200 mm depth (6 pass)

DIMENSIONS (mm)							
Model	80	90	110	125	140	165	200
A	N/A	N/A	30	30	30	30	30
B	43	43	40	40	40	40	40
C	35	35	44	44	44	44	44
D	38	38	28	28	28	28	28
G	N/A	N/A	30	30	30	30	30
H	43	43	40	40	40	40	40
J	50	50	37	37	37	37	37
K	60	60	88	88	88	88	88

PTHN-300/110 (2 pass)



PTHN-300 – SELECTION DATA

Q[W] 75/65/20°C (ΔT=50°C)		HEATING OUTPUT [W]						
		300/80	300/90	300/110	300/125	300/140	300/165	300/200
		n=1.376	n=1.369	n=1.468	n=1.369	n=1.453	n=1.457	n=1.462
Lengths (mm)	700	119	146	182	213	223	233	237
	900	177	218	272	319	333	349	354
	1200	265	326	406	477	499	521	530
	1500	353	434	541	635	664	694	706
	1800	441	542	676	793	829	867	881
	2100	528	650	810	952	995	1040	1057
	2400	616	758	945	1110	1160	1213	1233
	3000	792	974	1214	1426	1491	1558	1584
	3600	968	1190	1484	1742	1821	1904	1935
	4200	1143	1406	1753	2059	2152	2250	2287
	4800	1319	1622	2022	2375	2483	2595	2638

Q[W] 55/45/20°C (ΔT=30°C)		HEATING OUTPUT [W]						
		300/80	300/90	300/110	300/125	300/140	300/165	300/200
		n=1.376	n=1.369	n=1.468	n=1.369	n=1.453	n=1.457	n=1.462
Lengths (mm)	700	59	73	86	106	106	111	112
	900	88	108	129	159	159	166	168
	1200	131	162	192	237	238	248	251
	1500	175	216	256	316	316	330	335
	1800	218	269	319	394	395	412	417
	2100	262	323	383	473	474	494	501
	2400	305	377	446	552	552	576	584
	3000	392	484	574	709	710	740	751
	3600	479	591	701	866	867	905	917
	4200	566	699	828	1023	1024	1069	1084
	4800	653	806	955	1180	1182	1233	1250

*75/65/20 °C → 75°C inlet temperature, 65°C outlet temp., 20 °C room temp. / **Output 90/70/20 °C** = ~ 1,29 x 75/65/20 °C / **Output 70/55/20 °C** = ~ 0,80 x 75/65/20 °C / Heating outputs in accordance with EN442 / Not listed heating outputs for lengths per 100 mm steps calculate linearly.*