

Air heaters DH

- Heating for Large halls industrial buildings and athletic centers
- Even warm air distribution via ducting or directly free blowing from the air heater
- Oil or Gas burners
- Vertical or horizontal configuration
- Control switch for automatic – safe operation with safety thermostats

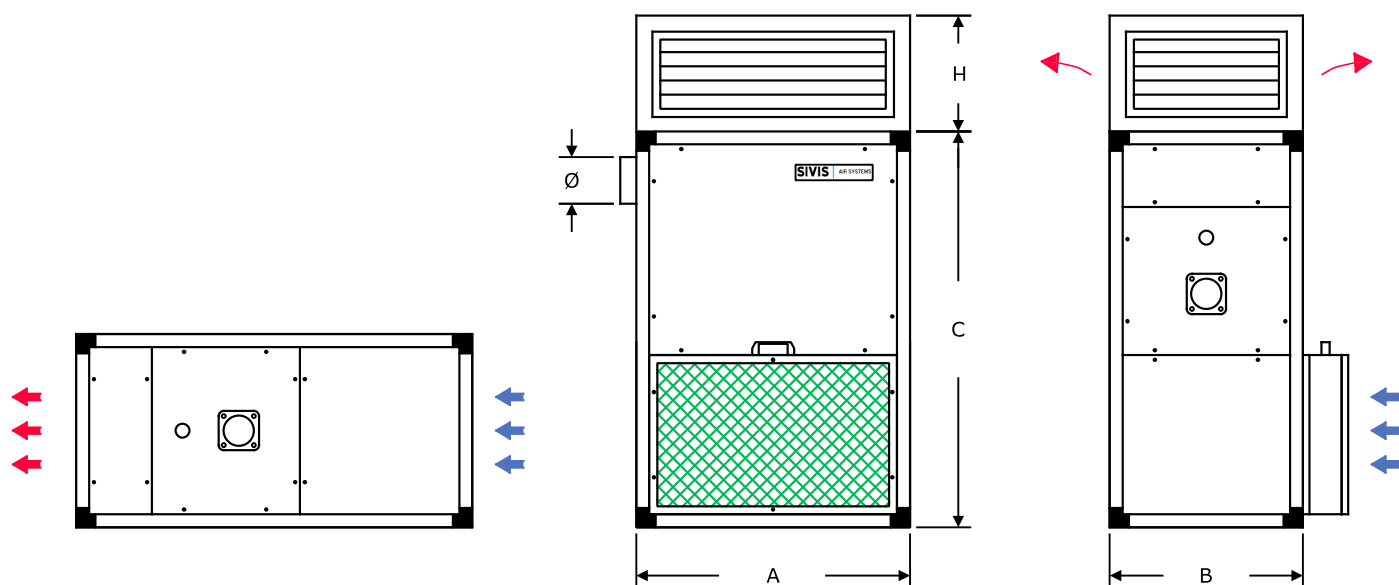
Applications

- ✓ Industries, Workshops & Warehouses
- ✓ Shopping Malls & Exhibitions
- ✓ Churches
- ✓ Sports Centers
- ✓ Greenhouses & Stockbreeding units
- ✓ Material drying

Constuction

- » 3 way heat exchanger. Combustion chamber from high quality Stainless steel AISI 304
Tubular exchanger from heat resistant carbon steel with full stainless steel construction as an option, stainless steel tubulators as standard
- » Frame with double skinned galvanized panels with intermediate rock wool insulation, externally coated in RAL7030/9002 as standard or another RAL chart color





Type DH	35	45	60	85	100	150	200	250	300	350
Nominal Capacity [KW]	41	52	70	100	116	170	232	290	350	410
Minimum Capacity [KW]	22.5	30	40	56	65	95	130	160	195	225
Nom. Air-Flow [m³/h] *	2800	3900	4600	6750	7800	11200	15600	18700	22500	27500
Oil flow rate [kg/h]	3.8	4.8	6.5	9.5	11.0	15.8	21.5	27.0	32.5	38.0
Natural Gas rate [m³/h]	4.3	5.5	7.4	10.8	12.5	18.0	24.4	30.9	37.2	43.5
Propane Gas rate [kg/h]	3.3	4.1	5.9	8.5	9.8	14	19.1	24	29	34
Fan Power [kW] **	0.55 ⁽¹⁾	0.75 ⁽¹⁾	1.1	1.5	2.2	3	4	5.5	5.5	7.5
Fan moter current [A]	1.5	2	2.8	3.7	5	6.5	8.5	11.2	11.2	15
Voltage	400V ~ 50 Hz									
Dimensions (mm)										
A	850	1000	1000	1200	1300	1300	1550	1650	1650	2050
B	600	700	700	800	1000	1000	1150	1250	1250	1350
C	1270	1500	1500	1720	1850	1850	2400	2700	2800	3000
H	350	350	350	350	350	350	350	450	450	450
Ø	150	150	150	200	200	200	250	250	300	300
F	1100	1320	1320	1500	1500	1600	2000	2300	2300	2350

* $\Delta T = 42K$ @ $T_{in} = 20\text{ }^{\circ}C$

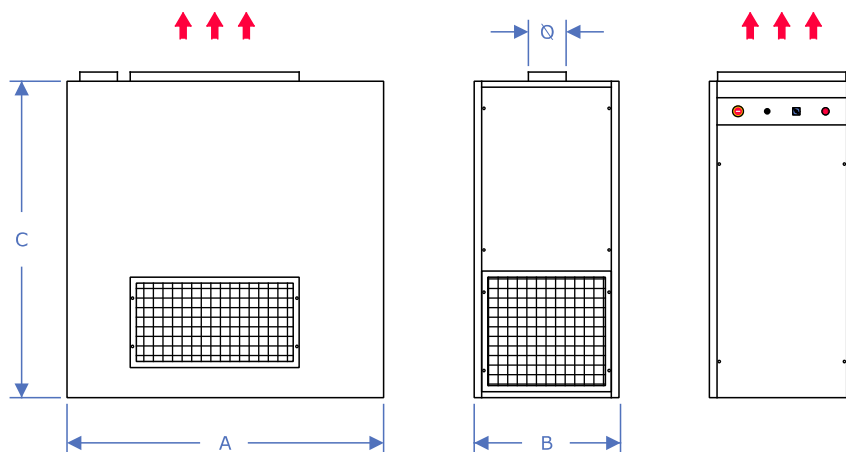
** $\Delta P_{st,ext} = 200\text{ Pa}$

(1) Available at 230V/50Hz

Accessories

- » Burners of high quality for Oil, Natural gas, Propane
- » Fan motor kit for higher operation pressure than the standard version
- » Exchangeable Filter at the air-intake
- » Sound attenuation ducting piece
- » Warm air free blowing distribution part with louvers
- » Air heater for outside installation, industry/sport centers

Compact Air heaters DHC



Type DHC	20	30
Heating Capacity [KW]	25	35
Air Flow* [m ³ /h]	1600*	2400**
Max. Oil flow. [Kg/h]	2.2	3.3
Fan power [W]	245	370
Voltage [V]~50Hz	230	230
Dimensions (mm)		
A	1050	
B	480	
C	1050	
Ø	150	

* $\Delta P_{ext}=120Pa$, ** $\Delta P_{ext}=200Pa$

Construction

- » Galvanized steel casing panels with internal insulation, externally coated in RAL color
- » Centrifugal, low noise, direct driven fan
- » 3 pass flue-gas heat exchanger with stainless steel AISI 304 combustion chamber and stainless steel turbulators
- » G3 air filter on the air-intake



Advantages

- ◆ Built-in burner forming a compact, space saving unit
- ◆ Flexible & easy installation
- ◆ Connectable to air ducts



SIVIS | AIR SYSTEMS

KLIMATISTIKI SA

✉ 7th km. Thessaloniki-Kavala Rd,
PO Box: 51506, Post code: 56429, Thessaloniki

☎ 2310 681 432

@ info@sivis.gr

🌐 www.sivis.gr

Visit our website



Q-CERT SAFE
CERTIFIED MS - ISO 9001
Certificate No. 241221-3



EU DECLARATION OF CONFORMITY
Machinery Directive (MD) 2006/42/EU