

Centrifugal Air-Heaters WFH-C



Air heating supply unit with integrated motor, centrifugal fan, water heating coil and panel type air filter on intake

Thermal capacity
5 - 55 kW

Air flow
1200 - 4500 m³/h

Operation in recirculation, fresh air preheating or combined function via mixing box – damper

Ductwork connectable

applications

- › Fresh air preheating in bars, restaurants, kitchens, public space
- › Industries & workshops
- › Greenhouses
- › Sports centers

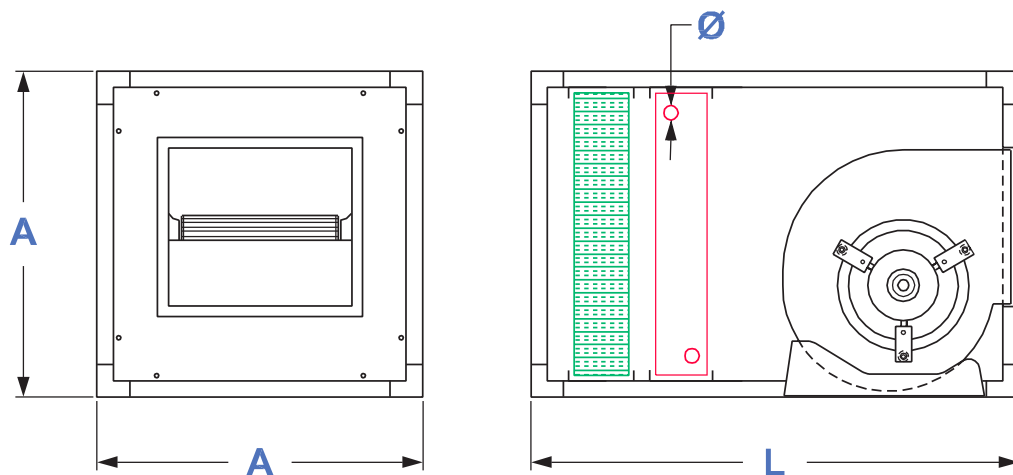
construction

- › Frame and insulated galvanized casing panels optional powder coated in RAL color
- › Heat exchanger with 2 or 3 row Cu-Al coil
- › Centrifugal direct driven 3-speed fan, with double inlet, forward curved blades and quiet operation
- › G2-4 category synthetic filter, zigzag type, easily replaceable

accessories

- › Mixing box with motorized multi-blade damper
- › Control switch connectable to room thermostat
- › Duct sound attenuators

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TYPE WFH-C	12	13	22	23	32	33	42	43
Coil Rows	2	3	2	3	2	3	2	3
TECHNICAL DATA								
Air-Flow [m ³ /h]	1400	1200	2600	2500	3600	3400	4500	4300
Heating Capacity [kW]	12.7	16.9	22.9	30.3	34.9	46.5	43.6	55.2
Fan power [W]	150	150	370	370	550	550	750	750
ΔP st, ext [Pa]	100	100	200	200	150	150	150	150
Voltage [V]	230	230	230	230	230	230	230	230
Water flow [m ³ /h]	0.56	0.75	0.65	1.35	1.5	2	1.9	2.5
DIMENSIONS								
L [mm]	700	700	900	900	900	900	900	900
A [mm]	500	500	600	600	600	600	700	700
Ø [inch]	1	1	1	1	1	1	1+1/4	1+1/4

Nominal conditions: T_{in,air}: 0°C - T_{water}: 80 / 60°C