

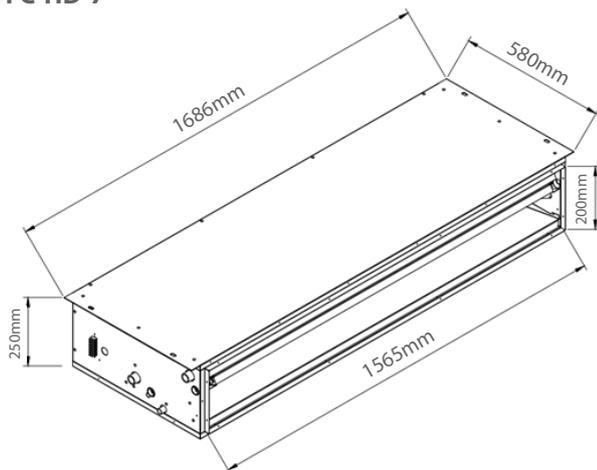
Ducted Fan Coil Data Sheet

The FC-HD and FC-HDHSP range delivers superior performance, providing efficient heating and cooling for whole-home comfort that's both powerful and quiet.

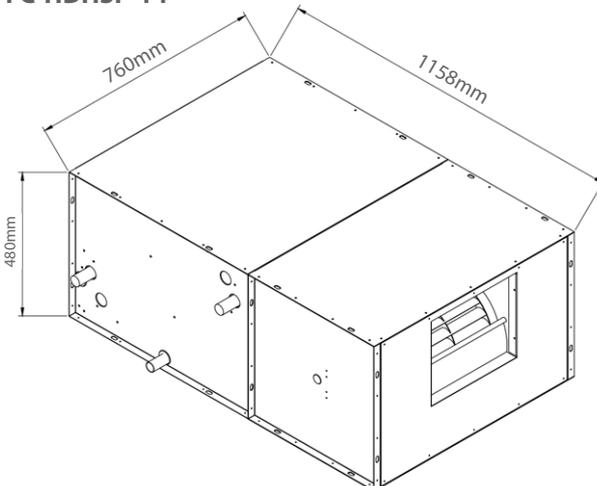
Hidden from view, these systems offer seamless integration, ensuring your comfort is felt, not seen. Experience the discreet, consistent performance throughout your home.

Dimensions

FC-HD-7



FC-HDHSP-14



- Low-noise performance ensures a comfortable indoor environment.
- Ideal for applications where heating and cooling large areas and multiple rooms is required.
- 0-10V signal modulation allowing for precise fan speed management in real time.
- Wide range of output capacities and sizes.
- Various diffuser and grille types available.
- x2 Pipe heat exchanger for simple connection.

Performance

Performance at nominal conditions is included in the table below, for performance figures at other conditions please contact us:

FC-HBI		FC-HD-7*	FC-HD-9	FC-HDHSP-14*	FC-HDHSP-25
Total Cooling @ 7/12/25°C 50%RH	W	7142	9285	14416	25424
Sensible Cooling @ 7/12/25°C 50%RH	W	5314	6756	12046	20991
Cooling Flow Rate	l/h	1228	1597	2480	4373
Cooling Pressure Drop	kPa	3.9	6.7	19.8	23.9
Heating @ 45/40/20°C	W	9111	11629	19700	34100
Heating Flow Rate	l/h	1567	2000	3388	5868
Heating Pressure Drop	kPa	5.5	9.2	32.1	37.4
Norminal Fan Pressure	Pa	100	100	106	135
Max Air Flow	m ³ /h	1232	1426	3350	5800
Max Sound Power	dB(A)	51	52	46	50
Max Input Power	W	460	460	609	1533

*Units stocked by CHNZ - all others available via indent order

Fittings Kit

To simplify the installation a valve and fittings kit for the FC-HD7 and FC-HDHSP-14 fan coils is available from CHNZ:

FC-HD-7 Fitting Kit - FCFITHD



Quantity	Description	Product Code
2	Brass 3/4" BSP Hex Nipple - Plain	HMHBHN20
2	Brass 3/4" BSP Hex Nipple - With Seal Face	HMHBHNS20
2	Brass 3/4"- 1/2" BSP Hex Reducing Bush	HMHBRB2015
2	Brass 1/2" BSP Female Tee	HMHBFT20
2	3/4" Swivel Union Ball Valve	BXCKHT
2	1/2" Drain/Fill Tap	DRAINTAP15

FC-HDHSP-14 Fitting Kit - FCFITHDHSP

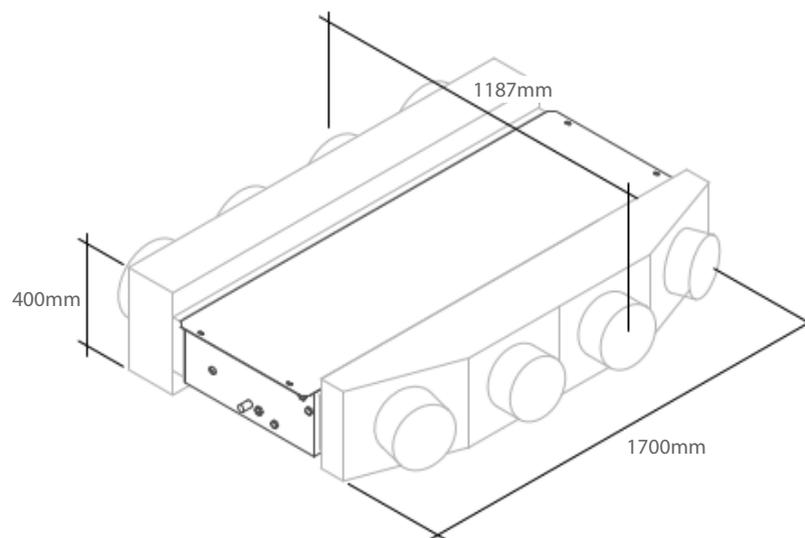


Quantity	Description	Product Code
2	Stainless 25mm x 15mm Reducing Bush	STREDB2515
2	Stainless Tee 25mm	STT25
2	FAR 1" Ball Valve with Swivel Union	VBF1FMBG
2	½" Drain/Fill Tap	DRAINTAP15

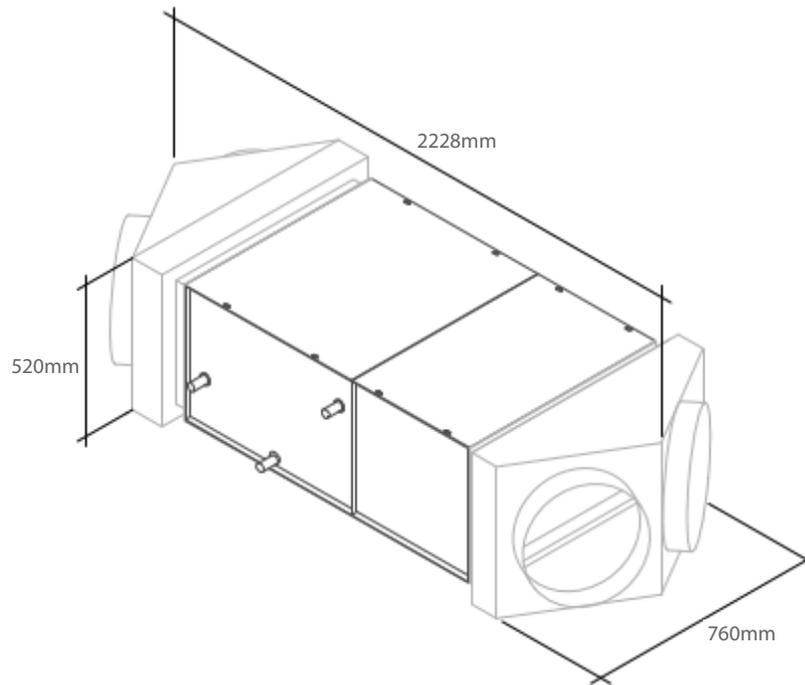
Standard Plenums

For the stocked sizes of the FC-HD7 and FC-HDHSP-14 fan coils CHNZ also have standard plenum options available:

FC-HD-7 Plenums:



Plenum	Size of Spigots	Quantity of Spigots	Product Code
Supply	Ø300	4	FCAPL-SP7
Return	Ø300	4	FCAPL-RT7
Return with Filter	Ø300	4	FCAPL-RT7F

FC-HDHSP-14 Plenums:


Plenum	Size of Spigots	Quantity of Spigots	Product Code
Supply	Ø450	2	FCAPL-SP14
Return	Ø450	2	FCAPL-RT14
Return with Filter	Ø450	2	FCAPL-RT14F

Grilles & Ducting

Grilles and ducting will be selected and quoted to suit a projects requirements, a wide range of grille and ducting options are available. Further details on these options are included in the installation manual and speak to your local sales representative.

