

CLEAN AIR UV-KIT

AIR PURIFYING DEVICE FOR DUCTED SYSTEMS



TMS-UV02
TMS-UV04

AN ALL-IN-ONE SOLUTION FOR ELIMINATING VIRUSES AND BACTERIA

The UV-C air purification device has the ability to modify the DNA or RNA of micro-organisms, preventing them from reproducing and thus being harmful. UV-C light is able to inactivate 99.99% of viruses.

Use in ducted systems is recommended as it does not expose humans to UV-C light and allows disinfection and air purification.

The device technology is able to degrade numerous organic compounds by oxidation.

The filter attracts and retains moisture molecules that are naturally present in the air, capturing fine dust and oxides. This process encourages faster decomposition of substances that are harmful to humans.

This product is therefore capable of:

- Effectively eliminating micro-organisms that are harmful to human health, such as moulds and viruses
- Decomposing organic compounds present in the air such as benzene, formaldehyde, ammonia, ether, TVOC and other organic chemical compounds
- Eliminating unpleasant odours

This device can be connected to ducted indoor units so that they only operate when the air conditioning system is switched on.

TMS-UV02: for models HUCU 225-1405 XRV-P; HVDU 715-1405 XRV-P.

TMS-UV04: for models HVDU 1605-2805 XRV-P.

PROJECT VRF R410A FULL DC INVERTER

.....

HVDU XRV-P Ducted with high static pressure



The control must be purchased as an accessory



Available static pressure:
200 Pa (7.10~16.00 kW)
250 Pa (20.00~28.00 kW)

423 mm high (7.10~16.00 kW) | Compact size

Rear air intake

Ease of maintenance

Compatible with systems **AIRZONE**

Model		HVDU 715 XRV-P	HVDU 905 XRV-P	HVDU 1125 XRV-P	HVDU 1405 XRV-P	HVDU 1605 XRV-P	HVDU 2005 XRV-P	HVDU 2805 XRV-P	
Control (included)	type	none							
Rated cooling capacity	kW	7.10	9.00	11.20	14.00	16.00	20.00	28.00	
Rated heating capacity	kW	8.00	10.00	12.50	16.00	17.00	22.50	31.50	
Electrical data									
Power supply	Ph-V-Hz	1-220~240V-50Hz							
Electrical absorption	W	180	220	380	420	700	990	1200	
Product specifications									
Air flow (1)	Max~Min	m ³ /h	1360~1160	1420~1140	1870~1350	2240~1600	2660~1880	4330~3730	
Fan static pressure	Std/Max	Pa	100/200					170/250	
Sound pressure level at 1.4 m (1)	Max~Min	dB(A)	46~42	50~45	50~45	53~48	54~50	57~50	
Sound power level (1)	Max~Min	dB(A)	64~60	68~63	68~63	71~66	72~68	75~68	
Dimensions	LxHxD	mm	965x423x690			1322x423x691		1454x515x931	
Net weight		Kg	41	51	51	68	68	130	
Refrigerant connections	Liquid/Gas	Ø mm (inch)	9.52 (3/8") - 15.9 (5/8")					12.7 (1/2") - 22.2 (7/8")	
Condensate drain		Ø mm	25					32	
Accessories									
Remote control		DHIR-5-6-XRV-K-P							
Wired remote control		DHW-5-6-XRV-K-P							
Optional parts									
Centralized control		see page 117							

(1) Values related to Max and Min speed of 7 levels settable by remote control.

HVDU-F XRV-P All-outside air ducted



The control must be purchased as an accessory



These air handling units can be connected together with the indoor units to the same refrigerant system, thus increasing the design flexibility and significantly reducing operating costs

423 mm high | Ultra-compact design

200 Pa | Max static pressure of fans

Automatic "all-outside air" function to save energy when the outside temperature drops below the set temperature

Model		HVDU-F 1255 XRV-P	HVDU-F 1405 XRV-P
Control (included)		none	
Rated cooling capacity (1)	kW	12.50	14.00
Rated heating capacity (2)	kW	10.50	12.00
Electrical data			
Power supply	Ph-V-Hz	1-220~240V-50Hz	
Electrical absorption	W	480	
Product specifications			
Air flow (3)	Max~Min	m ³ /h	
Fan static pressure	Std/Max	Pa	
Sound pressure level at 1.4 m (3)	Max~Min	dB(A)	
Sound power level (3)	Max~Min	dB(A)	
Dimensions	LxHxD	mm	
Net weight		Kg	
Refrigerant connections	Liquid/Gas	Ø mm (inch)	
Condensate drain		Ø mm	
Operating field (100% outdoor air)	Cooling	°C	
	Heating	°C	
Accessories			
Remote control		DHIR-5-6-XRV-K-P	
Wired remote control		DHW-5-6-XRV-K-P	
Optional parts			
Centralized control		see page 117	

(1) Cooling test conditions: 100% outdoor air 33° C DB, 28° C WB. (2) Heating test conditions: 100% outdoor air 0° C DB, -2.9° C WB. (3) Values related to Max and Min speed of 7 levels settable by remote control.