



DIRECT EXPANSION KIT



PC ARFPE



RAS 2-2.5-3HVN(P)(C)1



RAS 8-10HNCE



RAS 4-5-6H(V)NC1E

Functions

- ✓ The DX Interface or direct expansion kit is a set of “pressure valves/ control box” that connects a Hitachi VRF unit or UTOPIA IVX to a system with an evaporator coil (ventilation, screen,...) and can be controlled as an indoor unit.

Performance

- ✓ The kit is compatible with SET FREE, UTOPIA IVX range
- ✓ The kit is controlled with the remote PC ARFPE remote controller.

Control

- ✓ The DX Kit can accept a control input from an external controller (0-10v/4-20mA).
- ✓ The DX-Kit is configured using a PC ARFPE remote control
- ✓ CS-NET WEB can control / monitor the installation.



DX-KIT

DIRECT EXPANSION KIT / DX-KIT



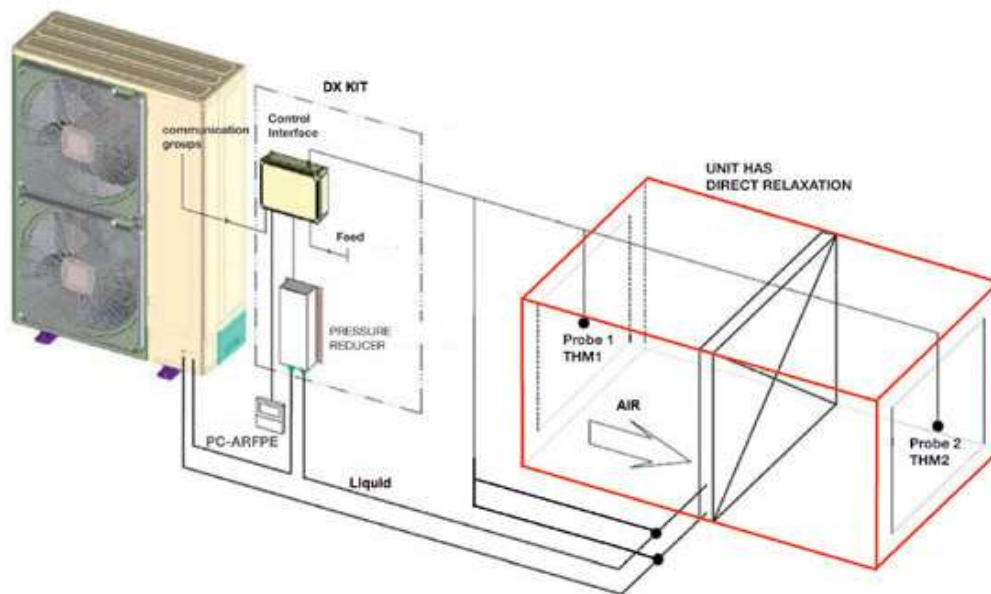
		EXV-2.0E2	EXV-2.5E2	EXV-3.0E2	EXV-4.0E2	EXV-5.0E2	EXV-6.0E2	EXV-8.0E2	EXV-10.0E2	
Control Box	Nominal Heat Exch. Cooling Capacity (min-max)	<i>kW</i> 5,0 (4,0 - 5,6)	6,0 (4,8 - 6,3)	7,1 (5,7 - 8,0)	10,0 (8,0 - 11,2)	12,5 (10,0 - 14,0)	14,0 (11,2 - 16,0)	20,0 (16,0 - 22,4)	25,0 (20,0 - 28,0)	
	Nominal Heat Exch. Heating Capacity (min-max)	<i>kW</i> 5,6 (4,5 - 7,1)	7,0 (5,6 - 7,1)	8,0 (6,4 - 9,0)	11,2 (9,0 - 12,5)	14,0 (11,2 - 16,0)	16,0 (12,8 - 18,0)	22,4 (17,9 - 25,0)	28,0 (22,4 - 31,5)	
	Heat Exchanger Volume (min - max)	<i>dm³</i> 0,57 - 1,16	0,89 - 1,35	1,03 - 1,57	1,51 - 2,37	1,92 - 2,37	1,92 - 2,92	2,92 - 3,89	3,89 - 4,76	
	Power Supply	230V / 1Ph / 50Hz								
	Allowed Fan Current (A)	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	
	Dimensions (H x W x D)	<i>mm</i> 291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127	291 / 341 / 127
	Weight	<i>kg</i> 3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	
Recommended fuse size	<i>A</i>									
Expansion Valve Box	Piping Diameter (Liquid / Liquid)	<i>Inch</i> 1/4 / 1/4	3/8 / 3/8	3/8 / 3/8	3/8 / 3/8	3/8 / 3/8	3/8 / 3/8	3/8 / 3/8	3/8 / 3/8	
	Dimensions (H x W x D)	<i>mm</i> 6,35 / 6,35	9,53 / 9,53	9,53 / 9,53	9,53 / 9,53	9,53 / 9,53	9,53 / 9,53	9,53 / 9,53	9,53 / 9,53	
	Weight	<i>kg</i> 2	2,7	2,7	2,7	2,7	2,7	4,5	4,5	
	Remote Control	<i>kg</i>	PC-ARFPE							

Note:- Include PC-ARFPE Remote Controller if field supplied Thermostats are not to be used.

COMPATIBLE UNITS

DX - Code		Heat Exchanger Inner Volume (dm ³)			Recommended Heat Exchanger Air Flow (m ³ /min)	
		MIN	MAX		MIN	MAX
			Standard	X-Premium		
EXV 2.0E2	RAS 2HVNP	0,57	1,16	1,64	8	21
EXV 2.5E2	RAS 2,5HVNP	0,89	1,35	1,83	11,5	26
EXV 3.0E2	RAS-3HVNC1 / RAS-3HNP1E / RAS-3XHVNP1E	1,03	1,57	2,89	12,5	30
EXV 4.0E2	RAS-4H(V)NC1E / RAS-4H(V)NP1E / RAS-4XH(V)NP1E	1,51	2,37	4,56	20	36
EXV 5.0E2	RAS-5H(V)NC1E / RAS-5H(V)NP1E / RAS-5XH(V)NP1E	1,92	2,37	4,56	23	41,5
EXV 6.0E2	RAS-6H(V)NC1E / RAS-6H(V)NP1E / RAS-6XH(V)NP1E	1,92	2,92	5,11	25	42,5
EXV 8.0E2	RAS-8HNCE / RAS-8H(V)NPE / RAS-8XHNPE	2,92	3,89	6,93	59	78
EXV 10.0E2	RAS-10HNCE / RAS-10H(V)NPE / RAS-10XHNPE	3,89	4,76	10,73	68	89

Hitachi recommends the use of the X-Premium condenser as it's been specially designed for this purpose. For prices please see page 118.



AIR CONDITIONING SYSTEM