	
	With Venturi device		Without Venturi device	
	149400 H10	DN 15 / 1/2"-3/4"	0.02-0.10 m³/h	0.02-0.10 m³/h
	149400 H20	DN 15 / 1/2"-3/4"	0.10-0.20 m³/h	0.10-0.20 m³/h
	149400 H40	DN 15 / 1/2"-3/4"	0.20-0.40 m³/h	0.20-0.40 m³/h
	149400 H80	DN 15 / 1/2"-3/4"	0.40-0.80 m³/h	0.40-0.80 m³/h
	149500 H10	DN 20 / 3/4"-1"	0.02-0.10 m³/h	0.02-0.10 m³/h
	149500 H20	DN 20 / 3/4"-1"	0.10-0.20 m³/h	0.10-0.20 m³/h
	149500 H40	DN 20 / 3/4"-1"	0.20-0.40 m³/h	0.20-0.40 m³/h
	149500 H80	DN 20 / 3/4"-1"	0.40-0.80 m³/h	0.40-0.80 m³/h
	149500 1H2	DN 20 / 3/4"-1"	0.80-1.20 m³/h	0.80-1.20 m³/h
	149600 1H8	DN 25 / 1"-1 1/4"	1.20-1.80 m³/h	1.20-1.80 m³/h
	149600 3H0	DN 25 / 1"-1 1/4"	1.80-3.00 m³/h	1.80-3.00 m³/h
	149600 3H7	DN 25 / 1"-1 1/4"	1.85-3.70 m³/h	1.85-3.70 m³/h

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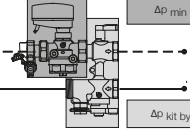
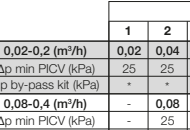
TABLE 1				SETTING									
DN	Kv Venturi	DN	Kv Venturi	1	2	3	4	5	6	7	8	9	10
149400 H10 0.02-0.10 m³/h	15	0.25	0.02-0.1 (m³/h) Ap by-pass kit (RpPa)	0.02	0.04	0.06	0.08	0.1	-	-	-	-	-
				0.5	1.8	4	7	11	11.1	-	-	-	-
				-	-	-	-	-	0.1	0.12	0.14	0.16	0.2
149400 H20 0.10-0.20 m³/h	15	0.50	0.1-0.2 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.5	0.6	0.8	0.9	1.1
				-	-	-	-	-	2.8	4	5.4	7.1	9
				-	-	-	-	-	0.2	0.24	0.28	0.32	0.40
149400 H40 0.20-0.40 m³/h	15	1.10	0.2-0.4 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	28.5	29.1	27	27
				-	-	-	-	-	2.4	3.4	4.6	6.1	7.7
				-	-	-	-	-	0.4	0.48	0.56	0.64	0.72
149400 H80 0.40-0.80 m³/h	15	2.35	0.4-0.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	27.2	28	28.5	29
				-	-	-	-	-	1.9	2.7	3.7	4.9	6.2
				-	-	-	-	-	0.02	0.04	0.06	0.08	0.1
149500 H10 0.02-0.10 m³/h	20	0.25	0.1-0.2 (m³/h) Ap by-pass kit (RpPa)	0.02	0.04	0.06	0.08	0.1	-	-	-	-	-
				0.5	1.8	4	7	11	11.1	-	-	-	-
				-	-	-	-	-	0.1	0.12	0.14	0.16	0.2
149500 H20 0.02-0.20 m³/h	20	0.50	0.1-0.2 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	28	28.5	28	28
				-	-	-	-	-	2.8	4	5.4	7.1	9
				-	-	-	-	-	0.2	0.24	0.28	0.32	0.40
149500 H40 0.20-0.40 m³/h	20	1.10	0.2-0.4 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	28.5	29	27	27
				-	-	-	-	-	2.4	3.4	4.6	6.1	7.7
				-	-	-	-	-	0.4	0.48	0.56	0.64	0.72
149500 H80 0.40-0.80 m³/h	20	2.35	0.4-0.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	27.2	28	28.5	29
				-	-	-	-	-	1.9	2.7	3.7	4.9	6.2
				-	-	-	-	-	0.02	0.04	0.06	0.08	0.1
149500 1H2 0.80-1.20 m³/h	20	5.00	0.8-1.2 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	27.2	28	28.5	29
				-	-	-	-	-	1.9	2.7	3.7	4.9	6.2
				-	-	-	-	-	0.02	0.04	0.06	0.08	0.1
149600 1H8 1.20-1.80 m³/h	25	5.00	1.2-1.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	2.8	27.2	28	28.5	29
				-	-	-	-	-	1.9	2.7	3.7	4.9	6.2
				-	-	-	-	-	0.02	0.04	0.06	0.08	0.1
149600 3H0 1.80-3.00 m³/h	25	9.60	1.8-3.0 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	1.8	2.1	2.4	2.7	3
				-	-	-	-	-	35	35	35	35	35
				-	-	-	-	-	3.5	4.8	6.3	7.9	9.8
149600 3H7 1.85-3.70 m³/h	25	9.60	1.85-3.70 m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	1.85	2.22	2.99	3.93	5.70
				-	-	-	-	-	45	48	49	49	49
				-	-	-	-	-	4.7	5.4	7.3	9.5	12.0

TABLE 2				SETTING									
DN	Kv Venturi	DN	Kv Venturi	1	2	3	4	5	6	7	8	9	10
149410 H20 0.02-0.20 m³/h	15	0.25	0.02-0.2 (m³/h) Ap min PCV (RpPa)	0.02	0.04	0.06	0.08	0.1	0.12	0.14	0.16	0.18	0.2
				25	25	25	25	25	25.5	25.5	25.5	26	26
				-	-	-	-	-	-	-	-	-	-
149410 H40 0.06-0.40 m³/h	15	0.50	0.08-0.4 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	1.2	0.16	0.2	0.24
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
149410 H80 0.08-0.80 m³/h	15	1.10	0.08-0.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1495010 H20 0.02-0.20 m³/h	20	0.25	0.1-0.2 (m³/h) Ap by-pass kit (RpPa)	0.02	0.04	0.06	0.08	0.1	0.12	0.14	0.16	0.18	0.2
				25	25	25	25	25	25.5	25.5	25.5	26	26
				-	-	-	-	-	-	-	-	-	-
1495010 H40 0.06-0.40 m³/h	20	0.50	0.08-0.4 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	1.2	0.16	0.2	0.24
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1495010 H80 0.08-0.80 m³/h	20	2.35	0.08-0.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1495010 1H2 0.12-1.20 m³/h	20	5.00	0.12-1.2 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1496010 1H8 1.18-1.80 m³/h	25	9.60	0.8-1.8 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1496010 3H0 0.9-3.00 m³/h	25	9.60	1.8-3.0 (m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-
1496010 3H7 0.9-3.70 m³/h	25	9.60	1.85-3.70 m³/h) Ap by-pass kit (RpPa)	-	-	-	-	-	0.8	0.16	0.24	0.32	0.40
				-	-	-	-	-	25	25.5	26	28.5	29
				-	-	-	-	-	-	-	-	-	-

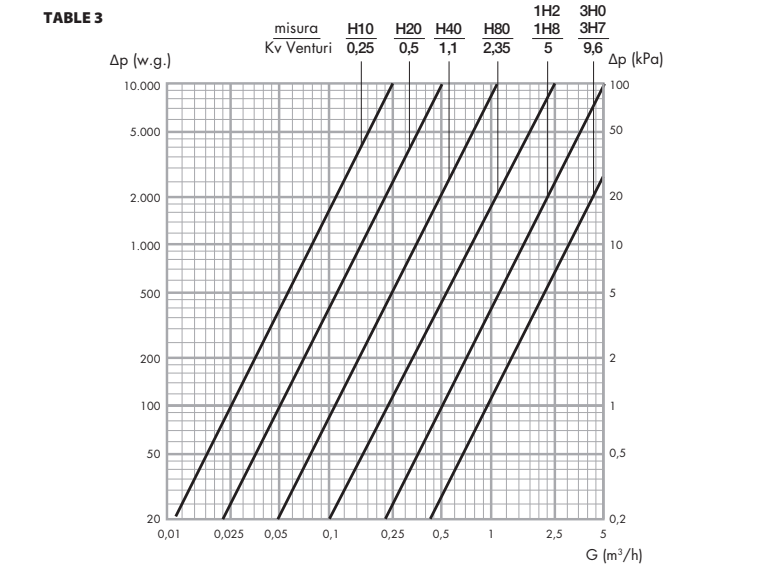


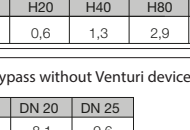
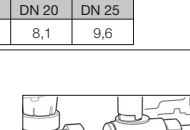
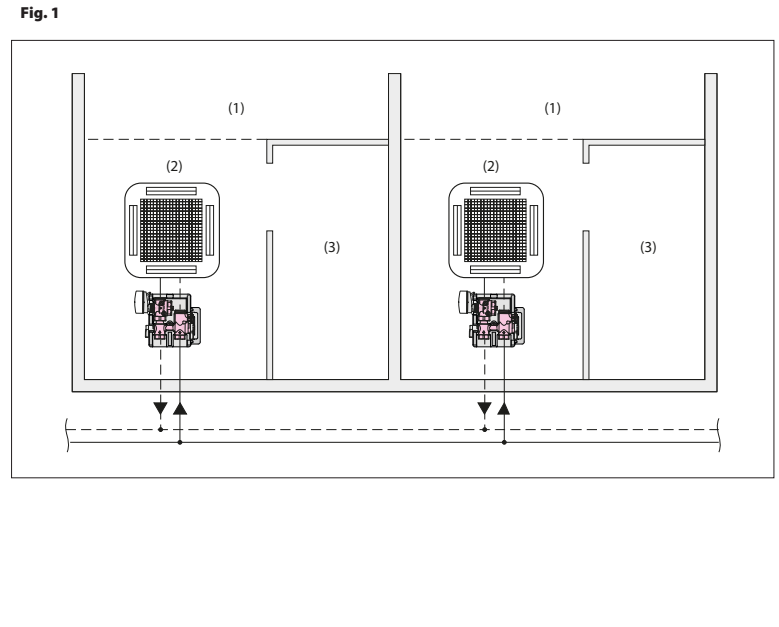
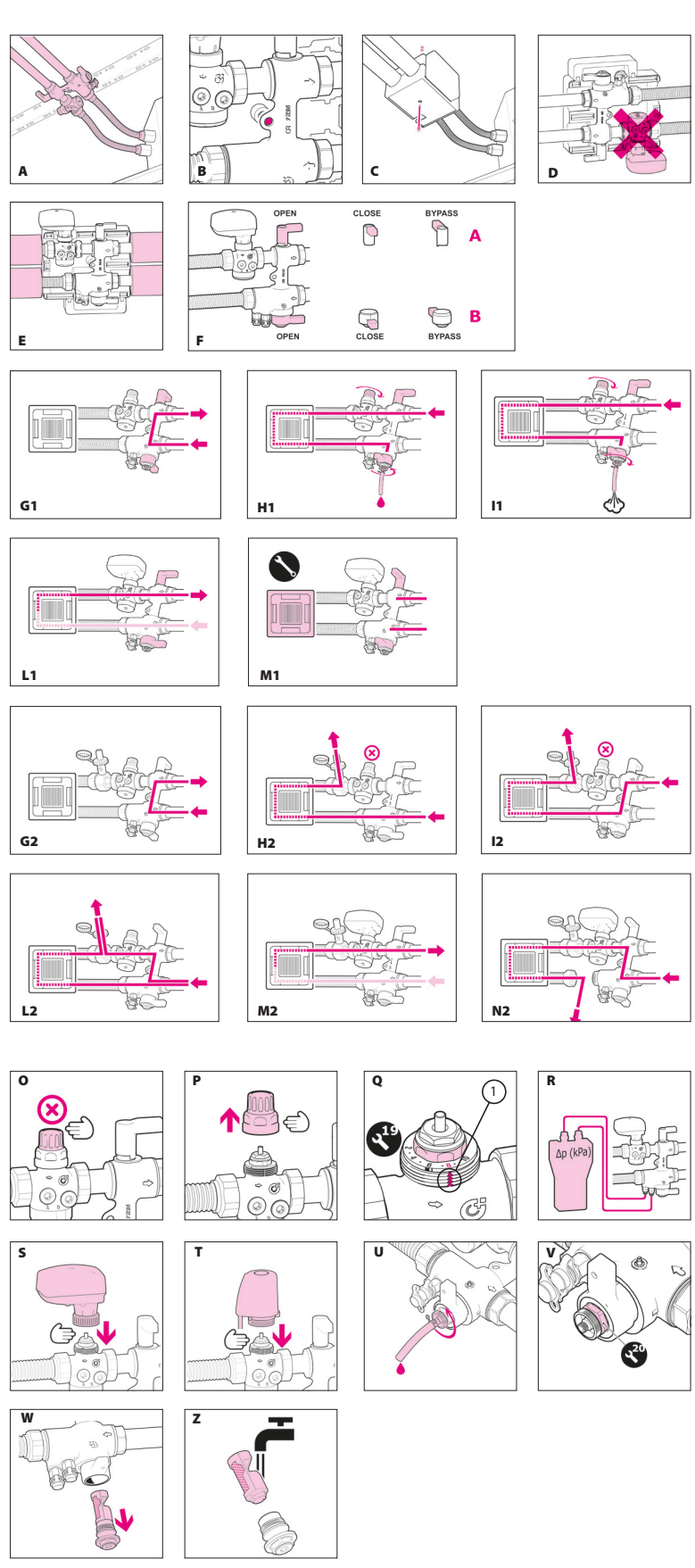
TABLE 4				Kv kit bypass with Venturi device					
H10	H20	H40	H80	1H2-1H8	3H0	3H7			
0.3	0.6	1.3	2.9	5.6	9.6	9.6			

TABLE 5				Kv kit bypass without Venturi device					
DN 15	DN 20	DN 25							
5.5	6.1	9.6							



PORTUGUÊS

INSTRUÇÕES PARA A INSTALAÇÃO, COLOCAÇÃO EM FUNCIONAMENTO E MANUTENÇÃO

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GRUPO DE LIGAÇÃO E REGULAÇÃO PARA UNIDADES TERMINAIS AVAC

Advertências

As instruções que se seguem devem ser lidas e compreendidas antes da instalação e da manutenção do produto. O símbolo  significa: ATENÇÃO! O INCUMPRIMENTO DESTAS INSTRUÇÕES PODE ORIGINAR PERIGO!

Segurança
É obrigatório respeitar as instruções de segurança fornecidas em documento próprio, incluído na embalagem.

DEIXAR O PRESENTE MANUAL À DISPOSIÇÃO DO UTILIZADOR	
ELIMINAR EM CONFORMIDADE COM AS NORMAS EM VIGOR	