



Marque commerciale fournisseur	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Désignation	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
Références	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Typologie déclarée	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Type de flux	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Type de motorisation installée ou prévue	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Type de système de récupération de chaleur	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Rendement thermique de récupération de chaleur (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Débit nominal du UVNR (m³/s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Puissance électrique nominale absorbée (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SFPint (W/m³/s)	1199	1179	1137	1023	1062	1131	935	1052
Vitesse frontale au soufflage au débit nominal (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Vitesse frontale à l'extraction au débit nominal (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,ext}$ - Pression nominale externe (m/s)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Perte de charge interne des composants de ventilation au soufflage (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Perte de charge interne des composants de ventilation à l'extraction (Pa)	227	304	311	288	313	275	254	266
Rendement statique du ventilateur de soufflage utilisé (%)	38	52	55	56	59	49	54	51
Rendement statique du ventilateur d'extraction utilisé (%)	38	52	55	56	59	49	54	51
Taux de fuites externe maximal déclaré de l'unité de ventilation double flux ou recirculation (%)	3	3.5	2.9	0.9	3	3	3	3
Description de l'alarme visuelle de filtre	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
LwA - Niveau de puissance acoustique (dB)	57	52	46	49	61	61	63	65
Adresse internet concernant les instructions de démontage	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com

Rotary heat exchangers

VEX700T

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Supplier brand	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Designation	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
References	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Declared type	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Type of airflow	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Type of motor installed or planned	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Type of heat recovery system	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Thermal efficiency of heat recovery (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Nominal airflow of NRVU (m ³ /s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Rated electric power absorbed (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SPI int (W/(m ³ /s))	1199	1179	1137	1023	1062	1131	935	1052
Face velocity of air supply at design flow rate (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Face velocity of air exhaust at design flow rate (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,ext}$ - Rated external pressure (Pa)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Internal pressure loss on ventilation components via air supply (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Internal pressure loss on ventilation components via air exhaust (Pa)	227	304	311	288	313	275	254	266
Static efficiency of air supply fan used (%)	38	52	55	56	59	49	54	51
Static efficiency of air exhaust fan used (%)	38	52	55	56	59	49	54	51
Maximum declared internal leakage rate from BVU or recirculation unit (%)	3	3.5	2.9	0.9	3	3	3	3
Maximum declared internal leakage rate from BVU or recirculation unit (%)	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
Energy performance of air supply filter	57	52	46	49	61	61	63	65
Description of filter visual alarm	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com
LwA - Sound power level (dB)	57	52	46	49	61	61	63	65
Internet address for removal instructions	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com

VEX700T



Handelsmarke des Lieferanten	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Bezeichnung	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
Artikel-Nr.	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Deklarierte Typologie	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Strömungsarten	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Installierter oder vorgesehener Motorisierungstyp	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Art des Wärmerückgewinnungssystems	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Wärmeleistung der Wärmerückgewinnung (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Nominaler Volumenstrom am NRVU (m³/s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Nominale elektrische Leistungsaufnahme (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SPI int (W/(m³/s))	1199	1179	1137	1023	1062	1131	935	1052
Zuluftanströmgeschwindigkeit in m/s bei Auslegungs-Luftvolumenstrom	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Abeluftanströmgeschwindigkeit in m/s bei Auslegungs-Luftvolumenstrom	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,ext}$ - Externer Nominaldruck (Pa)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Interner Druckverlust der Lüftungsbauteile beim Gebläse (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Interner Druckverlust der Lüftungsbauteile beim Extraktion (Pa)	227	304	311	288	313	275	254	266
Statischer Wirkungsgrad des verwendeten Gebläselüfters (%)	38	52	55	56	59	49	54	51
Statischer Wirkungsgrad des verwendeten Abluftlüfters (%)	38	52	55	56	59	49	54	51
Maximale interne Leckrate der Lüftungseinheit mit Wärmerückgewinnung oder Umluft (%)	3	3.5	2.9	0.9	3	3	3	3
Maximale interne Leckrate der Lüftungseinheit mit Wärmerückgewinnung oder Umluft (%)	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
Energetische Eigenschaften der Zuluftfilter	57	52	46	49	61	61	63	65
Beschreibung des optischen Filter-Alarms	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com
LwA - Geräuschemissionsniveau (dB)	57	52	46	49	61	61	63	65
Internet-Adresse für die Informationen zum Zerlegen	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com



Merknaam leverancier	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Benaming	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
Referenties	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Opgegeven Typologie	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Flow type	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Motor type geïnstalleerd of voorzien	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Soort warmteterugwinnings systeem	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Thermisch rendement warmteterugwinning (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Nominaal debiet van het niet woonhuisventilatieunit (m3/s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Nominaal opgenomen elektrisch vermogen (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SPI int (W/(m3/s))	1199	1179	1137	1023	1062	1131	935	1052
Frontnelheid bij nominaal debiet bij luchttoevoer (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Frontnelheid bij nominaal debiet bij luchtafvoer (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,ext}$ - Nominale externe druk (Pa)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Interne drukverlies van de toevoer ventilatie componenten (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Interne drukverlies van de extractie ventilatie componenten (Pa)	227	304	311	288	313	275	254	266
Statisch rendement van de toevoerventilator (%)	38	52	55	56	59	49	54	51
Statisch rendement van de retourventilator (%)	38	52	55	56	59	49	54	51
Maximaal intern verlies vermeld in de dubbele flux ventilatie-unit of recirculatie (%)	3	3.5	2.9	0.9	3	3	3	3
Maximaal intern verlies vermeld in de dubbele flux ventilatie-unit of recirculatie (%)	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
Energie prestatie van luchttoevoersfilter	57	52	46	49	61	61	63	65
Beschrijving van het visueel filterwaarschuwingssignaal	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com
LwA - Geluidsvermogeniveau (dB)	57	52	46	49	61	61	63	65
Internet adres met instructies voor demonteren	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com



Marca comercial proveedor	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Denominación	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
Referencias	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Tipo declarado	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Tipo de flujo	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Tipo de accionamiento instalado o que va a instalarse	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Tipo de sistema de recuperación de calor	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Eficiencia térmica de recuperación de calor (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Caudal nominal de la UVNR (m³/s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Potencia eléctrica de entrada efectiva (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SPI int (W/(m³/s))	1199	1179	1137	1023	1062	1131	935	1052
Velocidad frontal en la impulsión al caudal nominal (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Velocidad frontal en la extracción al caudal nominal (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,est}$ - Pressione nominale esterna (Pa)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Perdita di carico interna dei componenti di ventilazione in immissione aria (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Perdita di carico interna dei componenti di ventilazione in estrazione aria (Pa)	227	304	311	288	313	275	254	266
Eficiencia estática del ventilador de impulsión utilizado (%)	38	52	55	56	59	49	54	51
Eficiencia estática del ventilador de extracción utilizado (%)	38	52	55	56	59	49	54	51
Índice máximo declarado de fuga interna de la unidad de ventilación doble flujo o de recirculación (%)	3	3.5	2.9	0.9	3	3	3	3
Índice máximo declarado de fuga interna de la unidad de ventilación doble flujo o de recirculación (%)	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
Rendimiento energético del filtro de impulsión	57	52	46	49	61	61	63	65
Descripción de la alarma visual del filtro	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com
LwA - Nivel de potencia acústica (dB)	57	52	46	49	61	61	63	65
Dirección internet para las instrucciones de desmontaje	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com

Scambiatori rotativi

VEX700T



Marchio commerciale fornitore	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes	Aldes
Designazione	VEX720T	VEX725T	VEX740T	VEX750T	VEX760T	VEX770T	VEX780T	VEX790T
Riferimenti	11069105	11069106	11069107	11069108	11069109	11069110	11069111	11069112
Tipologia dichiarata	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
Tipo di flusso	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit	Bidirectional Ventilation Unit
Tipo di motore installato o previsto	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive	Variable speed drive
Tipo di sistema di recupero del calore	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative
Rendimento termico di recupero di calore (%)	81.1	78.6	78.4	79.7	78.8	80.9	81.1	80.8
Portata nominale dell'UVNR (m³/s)	0.17	0.36	0.5	0.69	0.97	1.11	1.53	1.61
Potenza elettrica assorbita valore nominale (kW)	0.38	0.71	0.93	1.20	1.69	2.17	2.55	2.97
SPI int (W/(m³/s))	1199	1179	1137	1023	1062	1131	935	1052
Velocità frontale sull'immissione alla portata nominale (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
Velocità frontale sull'estrazione alla portata nominale (m/s)	1.3	1.3	1.6	1.8	1.9	2	1.7	1.7
$\Delta P_{s,ext}$ - Presión externa nominal (Pa)	200	200	200	200	200	200	200	200
$\Delta P_{s,int}$ - Caída de presión interna de los componentes de ventilación en impulsión (Pa)	227	304	311	288	313	275	254	266
$\Delta P_{s,int}$ - Caída de presión interna de los componentes de ventilación en extracción (Pa)	227	304	311	288	313	275	254	266
Rendimento statico del ventilatore di immissione utilizzato (%)	38	52	55	56	59	49	54	51
Rendimento statico del ventilatore di estrazione utilizzato (%)	38	52	55	56	59	49	54	51
Tasso di trafilamento interno massimo dichiarato dell'unità di ventilazione doppio flusso o ricircolo (%)	3	3.5	2.9	0.9	3	3	3	3
Tasso di trafilamento interno massimo dichiarato dell'unità di ventilazione doppio flusso o ricircolo (%)	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice	cf. notice
Prestazione energetica del filtro di immissione	57	52	46	49	61	61	63	65
Descrizione dell'allarme ottico del filtro	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com
LwA - Livello di potenza acustica (dB)	57	52	46	49	61	61	63	65
Indirizzo internet con le istruzioni di smontaggio	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com	www.aldes.com